

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX020520\
 Data File : VX014811.D
 Acq On : 05 Feb 2020 09:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 01:28:30 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	424657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	615898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	564258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	298438	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	225155	45.40	ug/l	0.00
Spiked Amount						
			Recovery	=	90.80%	
35) Dibromofluoromethane	5.48	113	187745	48.31	ug/l	0.00
Spiked Amount						
			Recovery	=	96.62%	
50) Toluene-d8	8.71	98	703376	47.08	ug/l	0.00
Spiked Amount						
			Recovery	=	94.16%	
62) 4-Bromofluorobenzene	11.13	95	254434	47.81	ug/l	0.00
Spiked Amount						
			Recovery	=	95.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	243816	42.852	ug/l	98
3) Chloromethane	1.32	50	239556	41.699	ug/l	99
4) Vinyl Chloride	1.41	62	281170	45.266	ug/l	100
5) Bromomethane	1.63	94	177868	42.158	ug/l	97
6) Chloroethane	1.72	64	160557	45.042	ug/l	100
7) Trichlorofluoromethane	1.92	101	331599	45.848	ug/l	98
8) Diethyl Ether	2.18	74	140185	44.406	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	200154	47.141	ug/l	100
10) Methyl Iodide	2.50	142	270328	48.522	ug/l	98
11) Tert butyl alcohol	3.03	59	206963	185.893	ug/l	99
12) 1,1-Dichloroethene	2.37	96	188260	44.596	ug/l	99
13) Acrolein	2.28	56	226879	258.449	ug/l	98
14) Allyl chloride	2.72	41	341381	44.991	ug/l	98
15) Acrylonitrile	3.13	53	565702	219.603	ug/l	99
16) Acetone	2.43	43	656796	241.665	ug/l	100
17) Carbon Disulfide	2.56	76	470696	40.796	ug/l	100
18) Methyl Acetate	2.76	43	348729	44.951	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	655489	47.406	ug/l	99
20) Methylene Chloride	2.84	84	218293	43.406	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	204421	43.980	ug/l	99
22) Diisopropyl ether	3.84	45	709654	47.008	ug/l	92
23) Vinyl Acetate	3.80	43	2748451	238.833	ug/l	99
24) 1,1-Dichloroethane	3.69	63	375154	45.759	ug/l	100
25) 2-Butanone	4.65	43	866042	222.404	ug/l	97
26) 2,2-Dichloropropane	4.57	77	317742	48.420	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	238168	45.783	ug/l	99
28) Bromochloromethane	5.00	49	155795	43.244	ug/l	98
29) Tetrahydrofuran	5.11	42	493002	213.313	ug/l	99
30) Chloroform	5.20	83	385174	47.427	ug/l	100
31) Cyclohexane	5.57	56	337241	43.735	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	325529	47.419	ug/l	99
36) 1,1-Dichloropropene	5.79	75	282152	49.302	ug/l	98
37) Ethyl Acetate	4.81	43	305529	46.613	ug/l	99
38) Carbon Tetrachloride	5.77	117	280846	51.384	ug/l	95

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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)
39) Methylcyclohexane	7.45	83	351603	49.042	ug/l	99
40) Benzene	6.13	78	852177	48.193	ug/l	99
41) Methacrylonitrile	5.03	41	170395	45.544	ug/l	97
42) 1,2-Dichloroethane	6.18	62	309824	50.739	ug/l	99
43) Isopropyl Acetate	6.43	43	503443	46.904	ug/l	99
44) Trichloroethene	7.20	130	240230	48.097	ug/l	98
45) 1,2-Dichloropropane	7.50	63	225778	49.562	ug/l	98
46) Dibromomethane	7.65	93	144354	48.927	ug/l	98
47) Bromodichloromethane	7.89	83	300201	51.878	ug/l	99
48) Methyl methacrylate	7.76	41	247857	48.330	ug/l	97
49) 1,4-Dioxane	7.73	88	88008	809.562	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1585017	233.969	ug/l	100
52) Toluene	8.78	92	545483	50.184	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	327489	52.559	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	364941	53.241	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	225053	50.571	ug/l	98
56) Ethyl methacrylate	9.17	69	345740	45.975	ug/l	99
57) 1,3-Dichloropropane	9.36	76	371530	48.837	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	597587	267.009	ug/l	99
59) 2-Hexanone	9.48	43	1253413	238.432	ug/l	100
60) Dibromochloromethane	9.57	129	243243	52.365	ug/l	100
61) 1,2-Dibromoethane	9.67	107	237125	50.396	ug/l	99
64) Tetrachloroethene	9.33	164	262681	47.030	ug/l	99
65) Chlorobenzene	10.13	112	593840	49.203	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	225325	50.635	ug/l	99
67) Ethyl Benzene	10.25	91	1055141	51.201	ug/l	100
68) m/p-Xylenes	10.35	106	800489	102.532	ug/l	99
69) o-Xylene	10.69	106	384813	51.056	ug/l	100
70) Styrene	10.71	104	674722	53.366	ug/l	100
71) Bromoform	10.85	173	186751	52.772	ug/l #	99
73) Isopropylbenzene	11.01	105	1042547	49.682	ug/l	99
74) N-amyl acetate	10.89	43	440610	47.916	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	333705	44.539	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	390735	56.275	ug/l	92
77) Bromobenzene	11.25	156	274256	48.650	ug/l	96
78) n-propylbenzene	11.35	91	1201822	50.456	ug/l	99
79) 2-Chlorotoluene	11.42	91	707031	49.059	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	892617	51.252	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	112770	46.220	ug/l	99
82) 4-Chlorotoluene	11.51	91	822960	50.158	ug/l	100
83) tert-Butylbenzene	11.76	119	832713	50.882	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	890625	50.983	ug/l	98
85) sec-Butylbenzene	11.94	105	1025015	51.126	ug/l	99
86) p-Isopropyltoluene	12.06	119	966281	52.152	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	491292	48.493	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	497704	49.042	ug/l	99
89) n-Butylbenzene	12.39	91	836353	51.828	ug/l	99
90) Hexachloroethane	12.59	117	172277	50.059	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	489275	48.624	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72511	45.045	ug/l	97

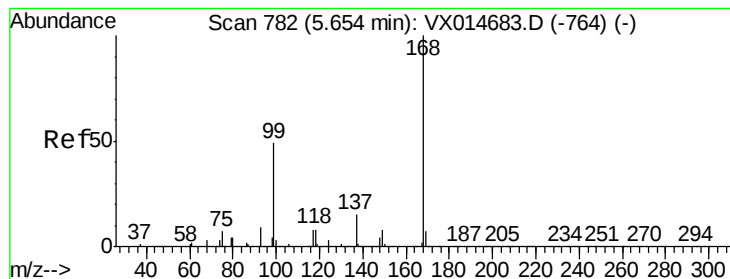
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	345876	53.315	ug/l	98
94) Hexachlorobutadiene	13.77	225	171372	51.324	ug/l	99
95) Naphthalene	13.83	128	988230	47.290	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	340764	51.948	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

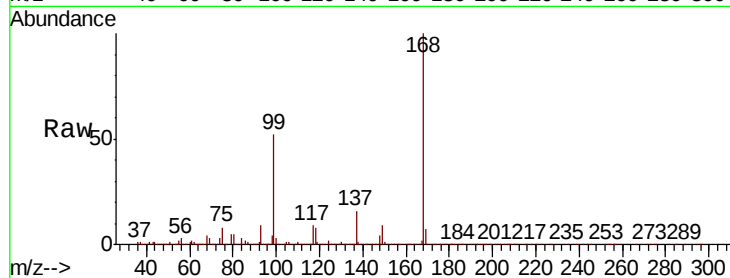
ClientSampleId :

Tot Ion:168 Resp: 424657

Ion Ratio Lower Upper

168 100

99 52.2 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

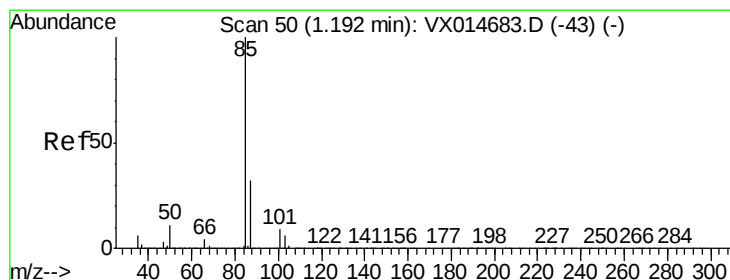
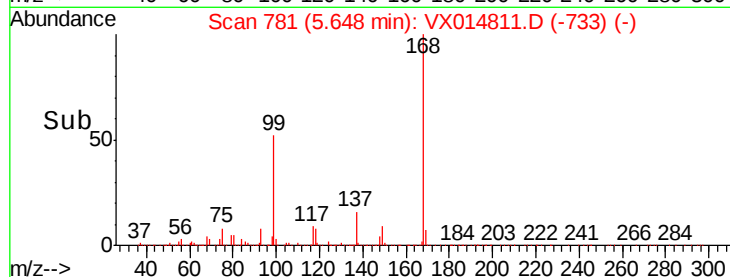
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.852 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014811.D

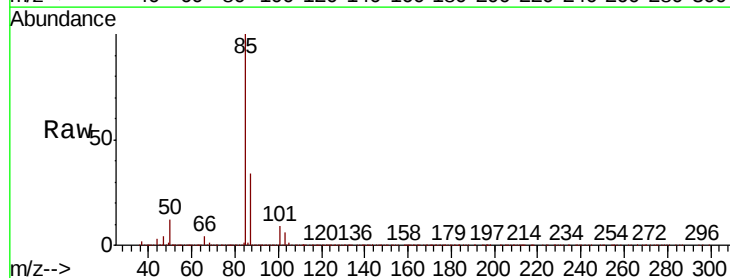
Acq: 05 Feb 2020 09:46

Tgt Ion: 85 Resp: 243816

Ion Ratio Lower Upper

85 100

87 33.6 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

300000

250000

200000

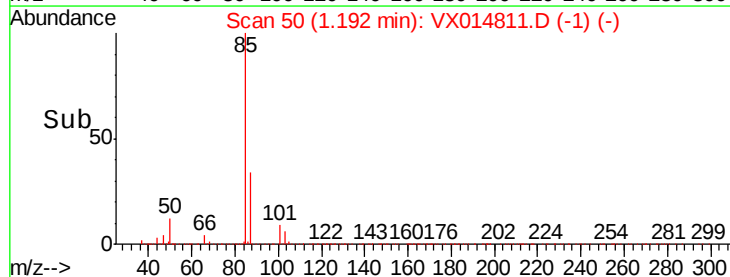
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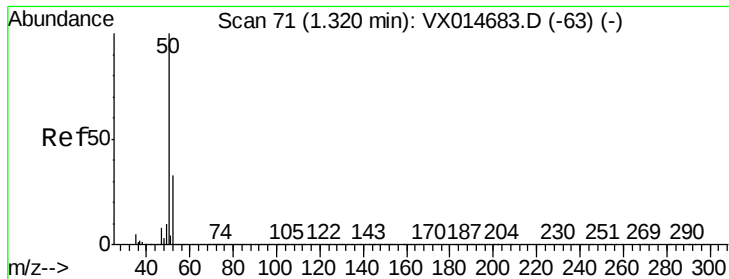
100000

50000

0

Time-->





#3

Chloromethane

Concen: 41.699 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

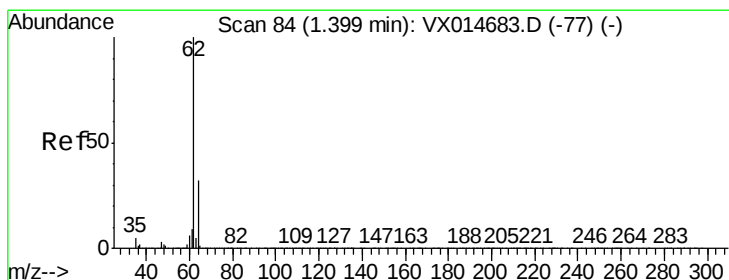
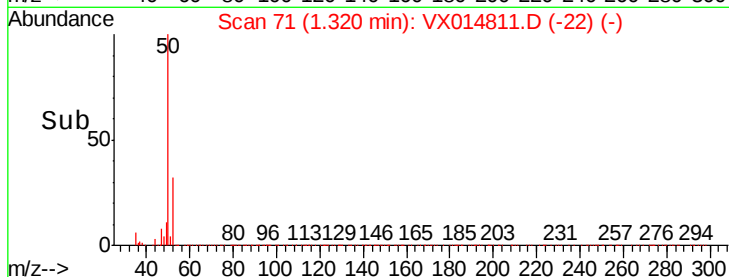
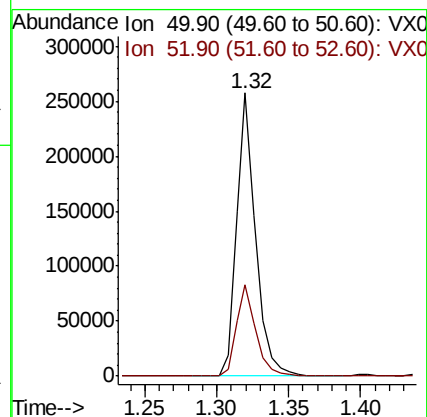
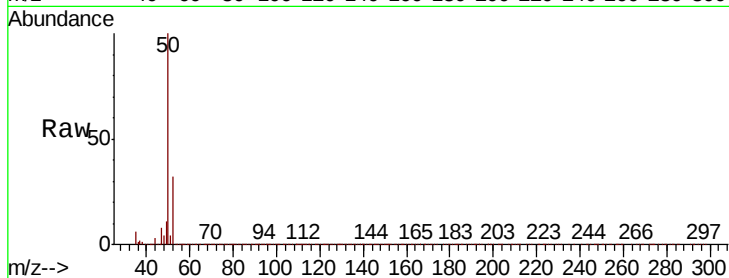
ClientSampleId :

Tot Ion: 50 Resp: 239556

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2



#4

Vinyl Chloride

Concen: 45.266 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014811.D

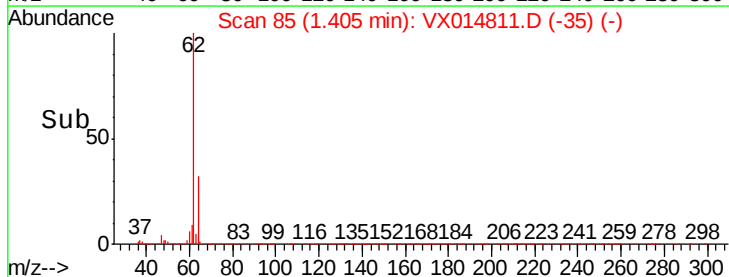
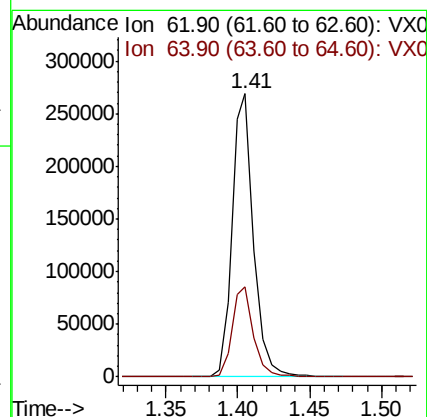
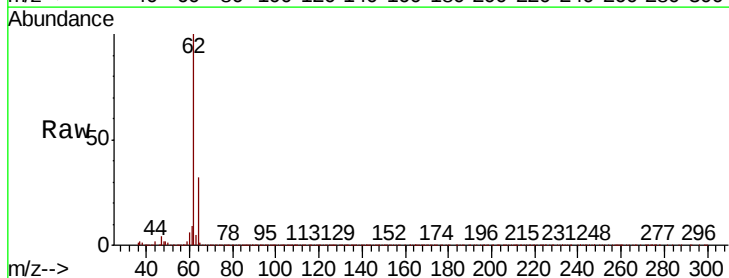
Acq: 05 Feb 2020 09:46

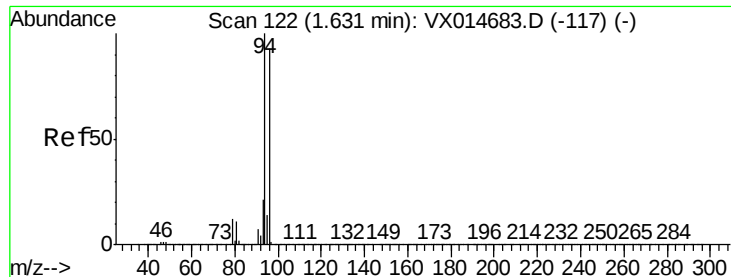
Tgt Ion: 62 Resp: 281170

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 42.158 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

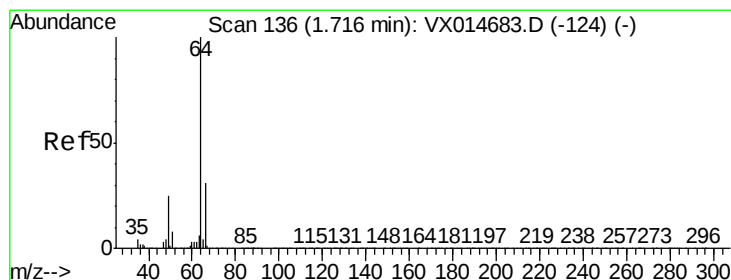
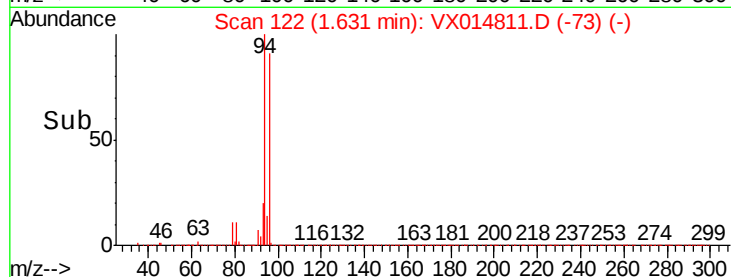
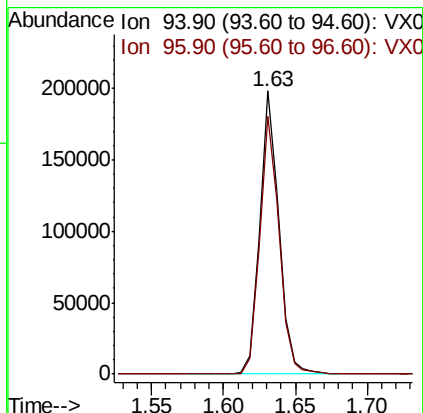
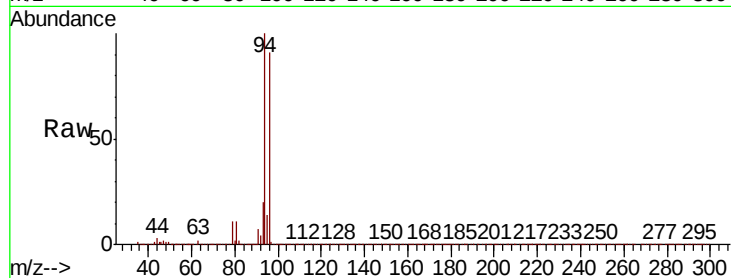
ClientSampled :

Tot Ion: 94 Resp: 177868

Ion Ratio Lower Upper

94 100

96 90.8 74.7 112.1



#6

Chloroethane

Concen: 45.042 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014811.D

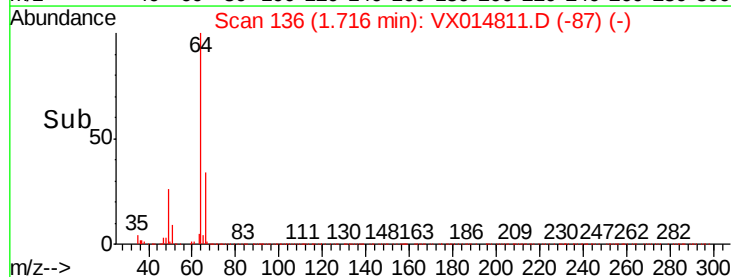
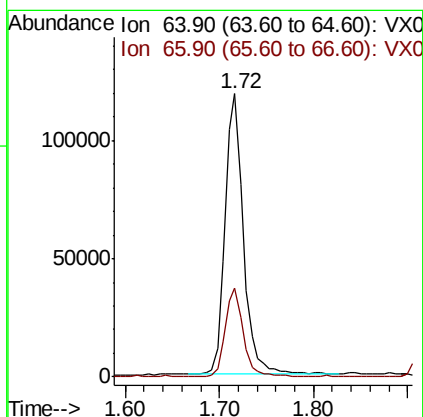
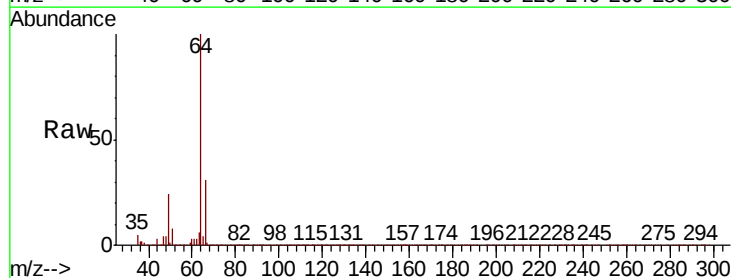
Acq: 05 Feb 2020 09:46

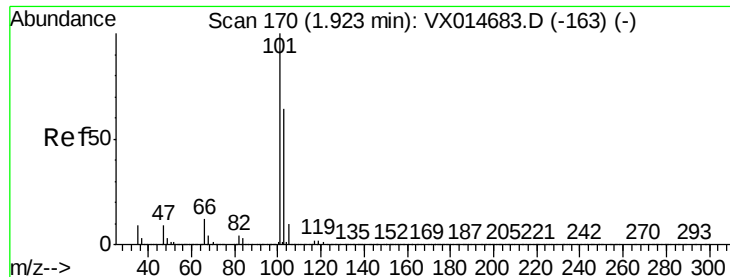
Tgt Ion: 64 Resp: 160557

Ion Ratio Lower Upper

64 100

66 31.2 25.2 37.8



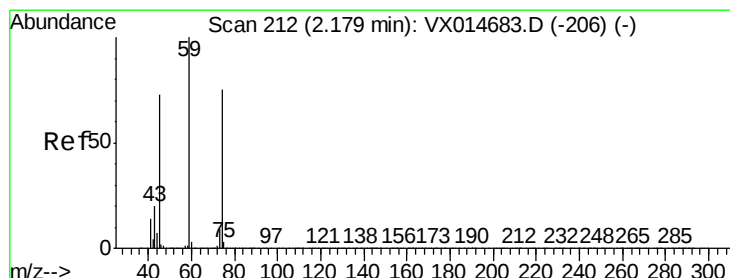
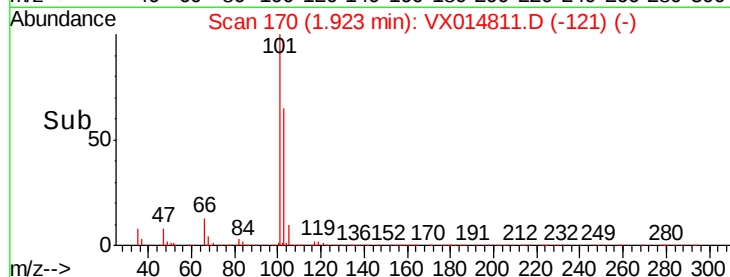
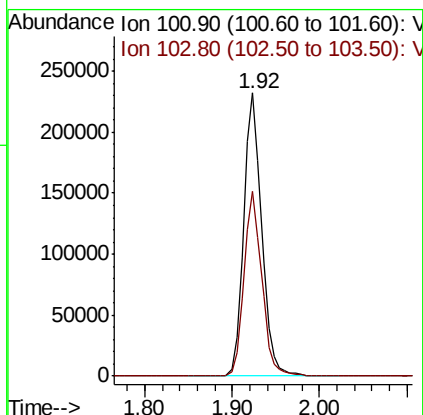
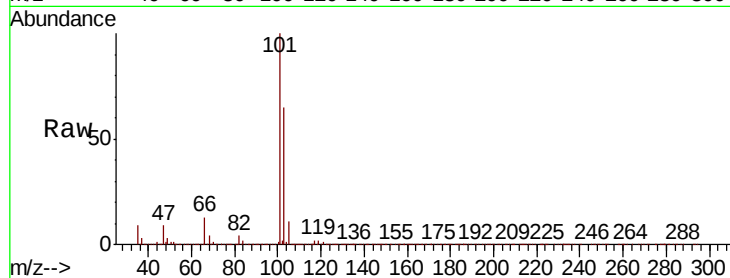


#7

Trichlorofluoromethane
Concen: 45.848 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :

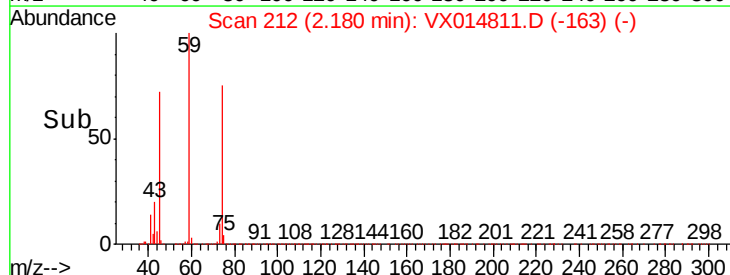
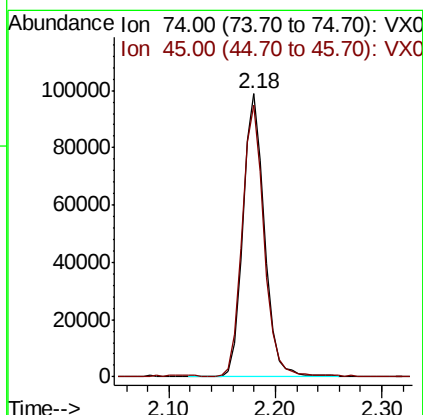
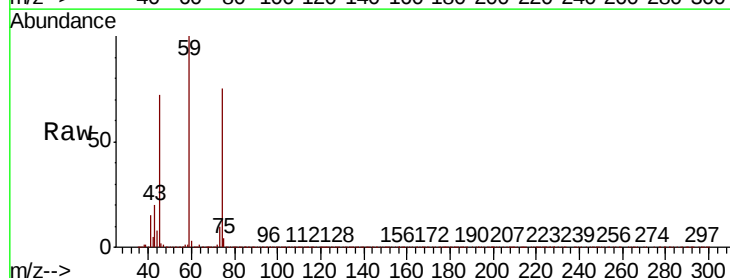
Tot Ion:101 Resp: 331599
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.6

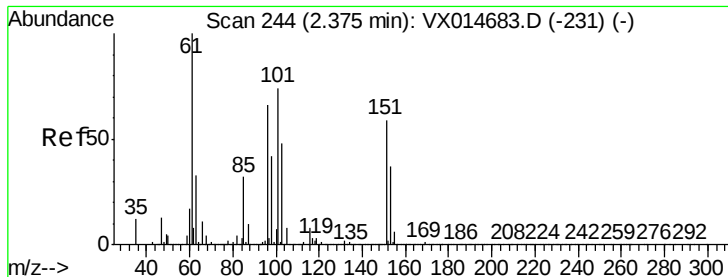


#8

Diethyl Ether
Concen: 44.406 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Tgt Ion: 74 Resp: 140185
Ion Ratio Lower Upper
74 100
45 96.9 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.141 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

ClientSampled :

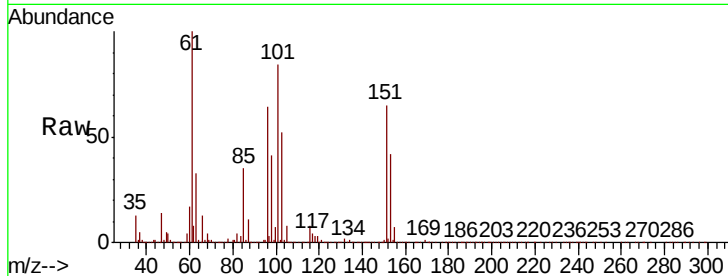
Tot Ion:101 Resp: 200154

Ion Ratio Lower Upper

101 100

85 43.2 34.7 52.1

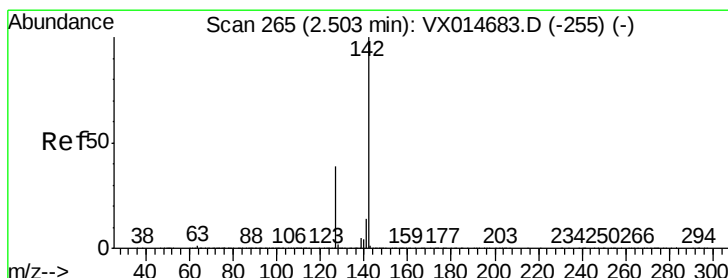
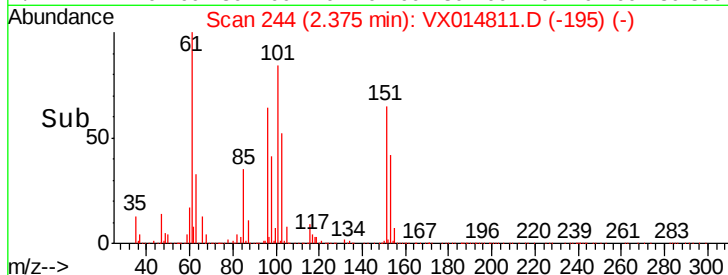
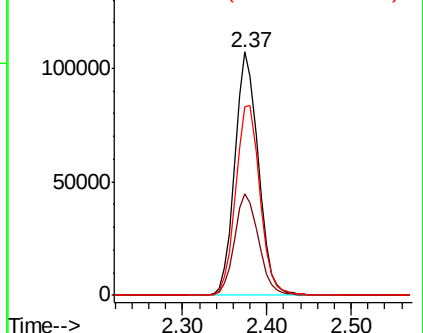
151 80.5 64.7 97.1



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: 48.522 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

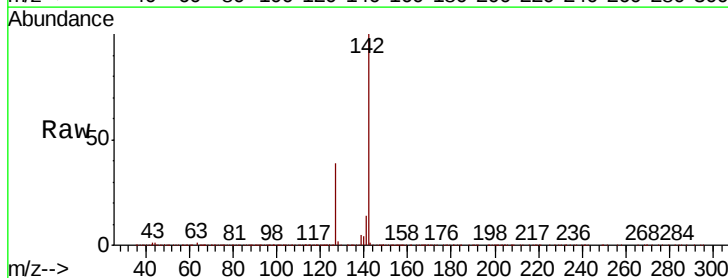
Tgt Ion:142 Resp: 270328

Ion Ratio Lower Upper

142 100

127 40.2 31.1 46.7

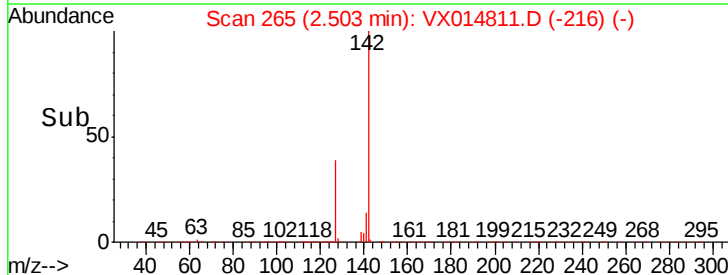
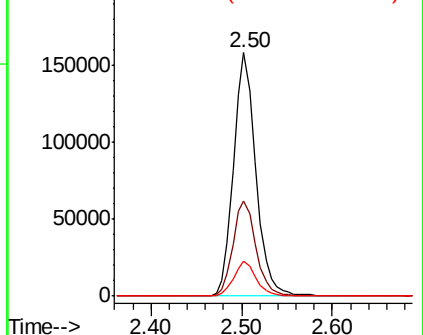
141 14.0 11.3 16.9

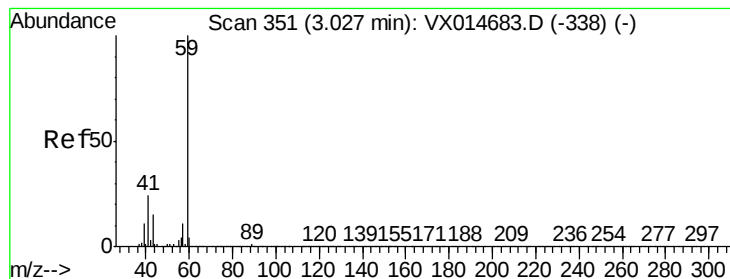


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



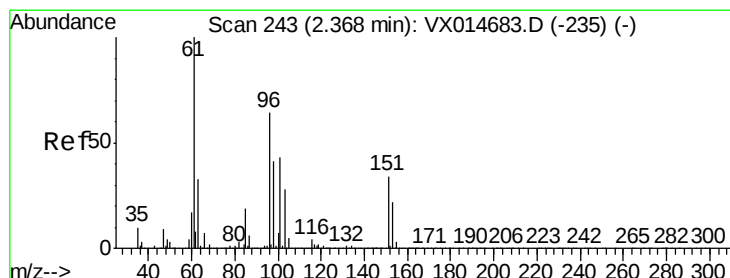
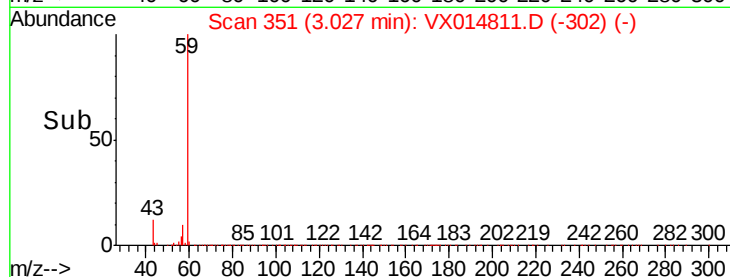
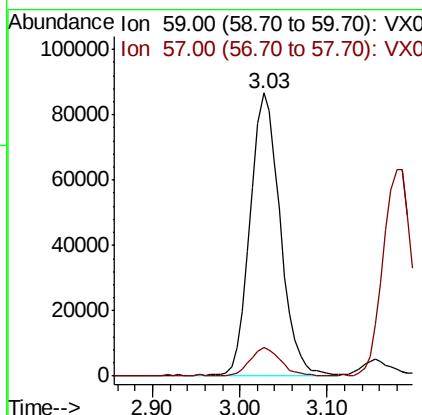
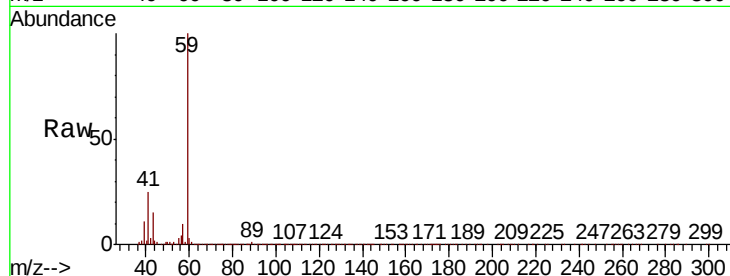


#11

Tert butyl alcohol
Concen: 185.893 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Instrument :
MSVOA_X
ClientSampled :

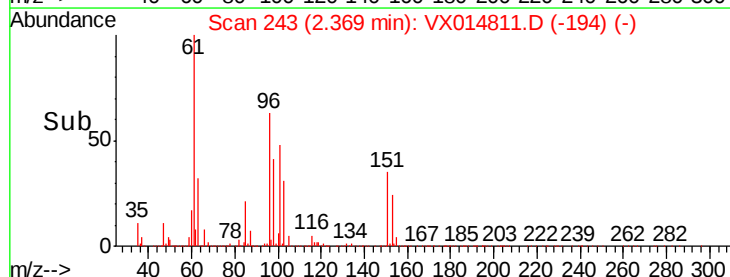
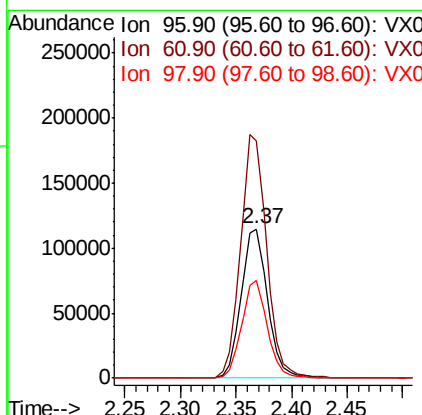
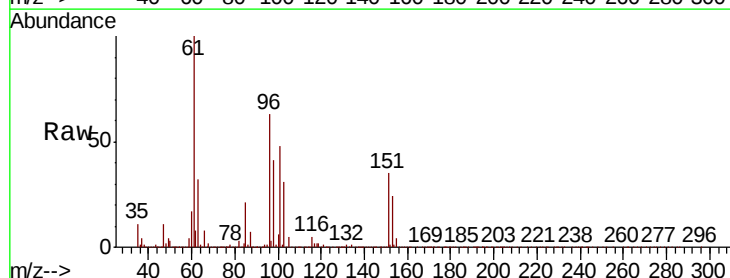
Tot Ion: 59 Resp: 206963
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

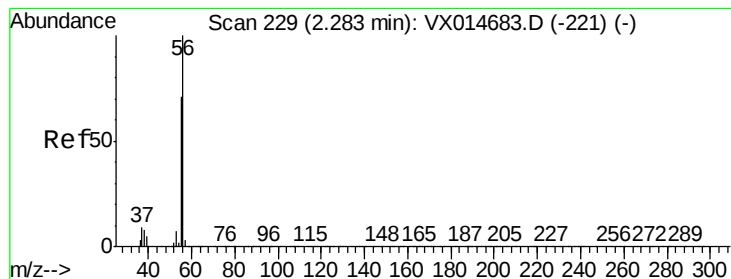


#12

1,1-Dichloroethene
Concen: 44.596 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Tgt Ion: 96 Resp: 188260
Ion Ratio Lower Upper
96 100
61 159.0 125.8 188.8
98 65.4 51.5 77.3





#13

Acrolein

Concen: 258.449 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

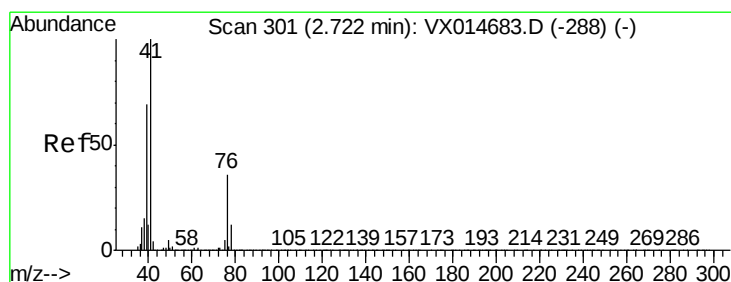
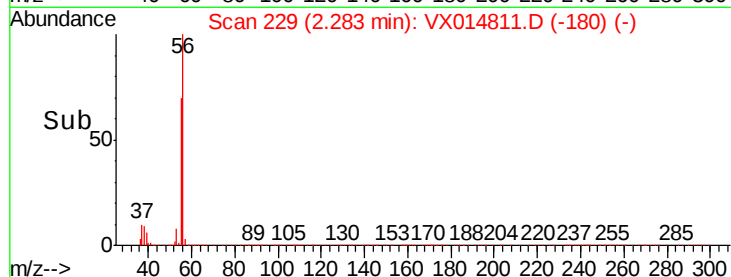
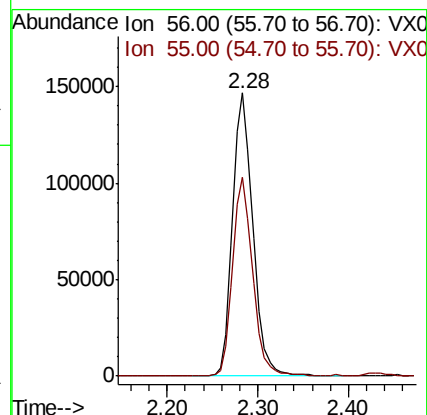
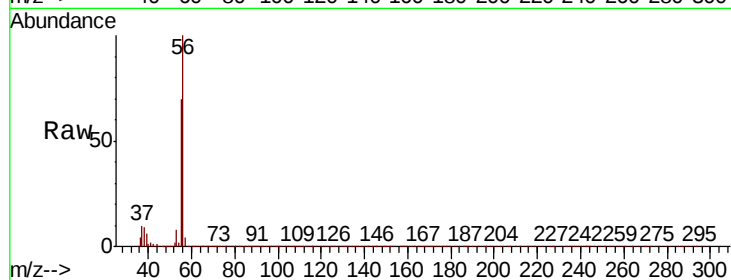
ClientSampleId :

Tot Ion: 56 Resp: 226879

Ion Ratio Lower Upper

56 100

55 69.1 56.6 84.8



#14

Allyl chloride

Concen: 44.991 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

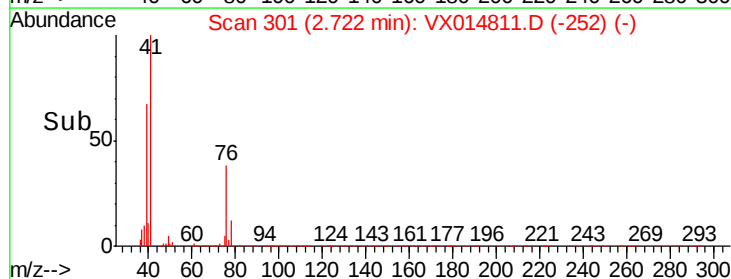
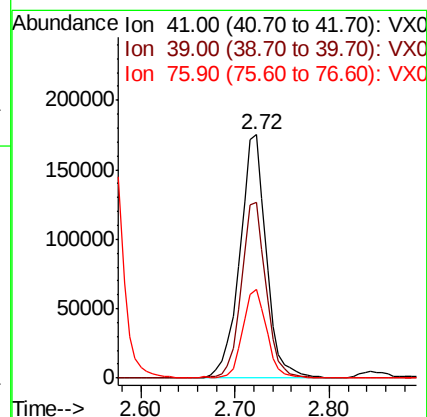
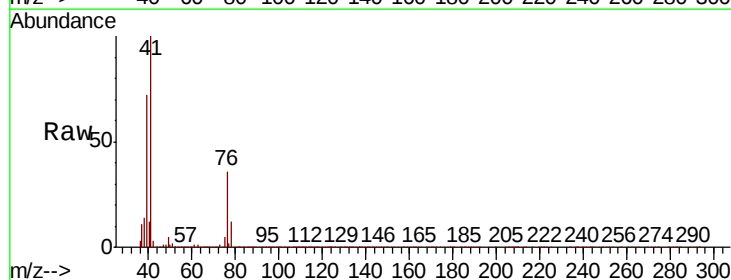
Tgt Ion: 41 Resp: 341381

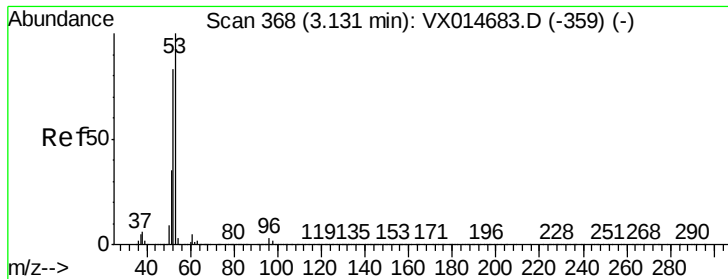
Ion Ratio Lower Upper

41 100

39 66.9 52.0 78.0

76 32.9 26.0 39.0





#15

Acrylonitrile

Concen: 219.603 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

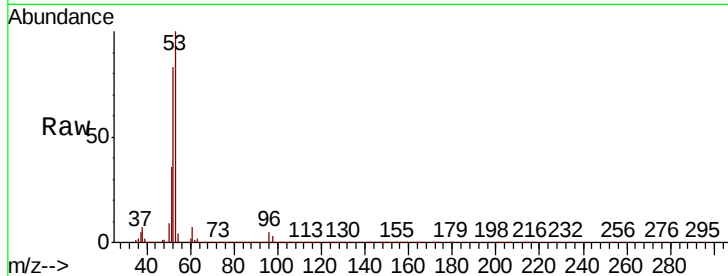
Tot Ion: 53 Resp: 565702

Ion Ratio Lower Upper

53 100

52 82.1 66.4 99.6

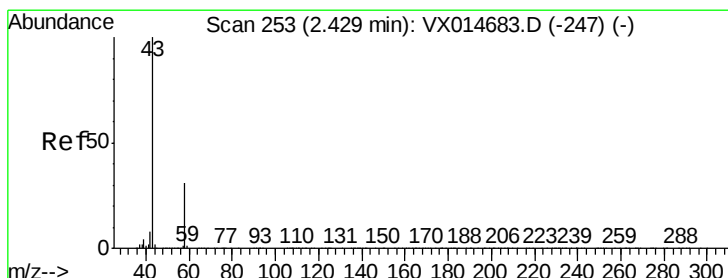
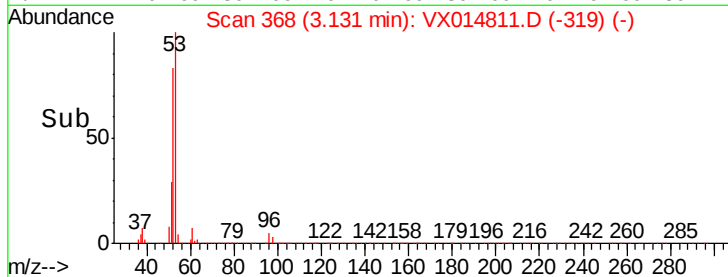
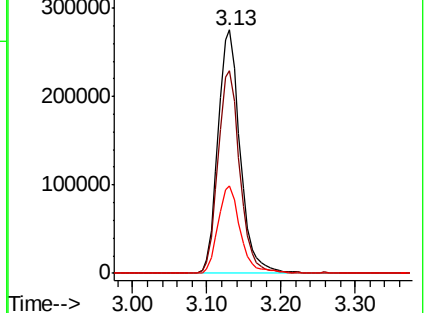
51 35.9 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 241.665 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014811.D

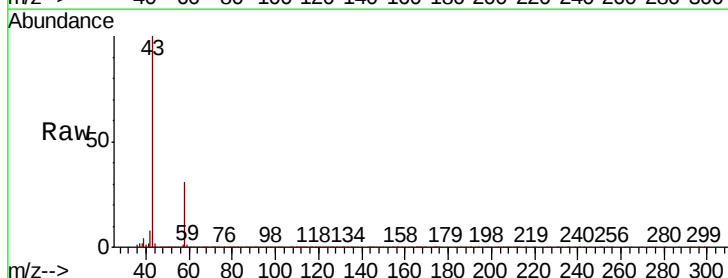
Acq: 05 Feb 2020 09:46

Tgt Ion: 43 Resp: 656796

Ion Ratio Lower Upper

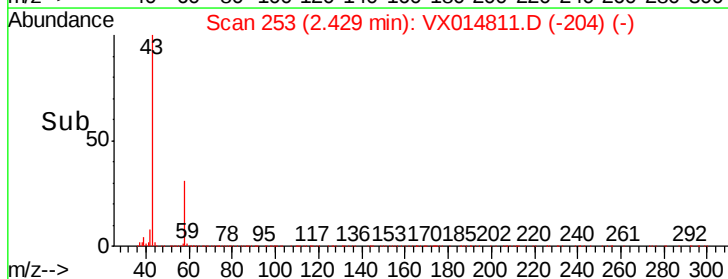
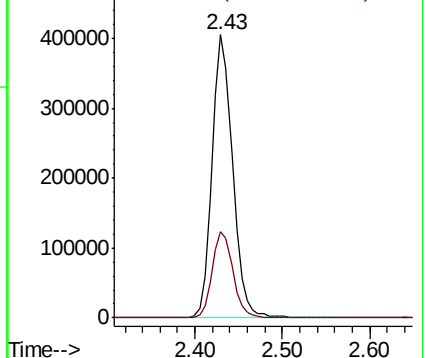
43 100

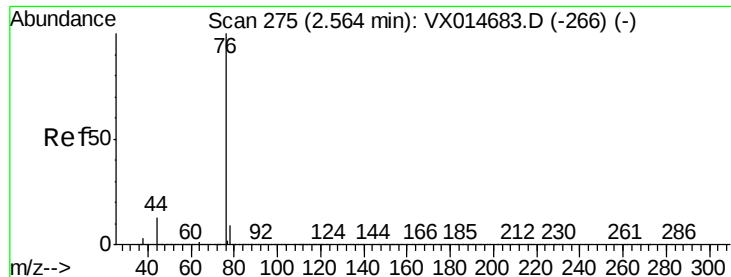
58 30.6 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 40.796 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

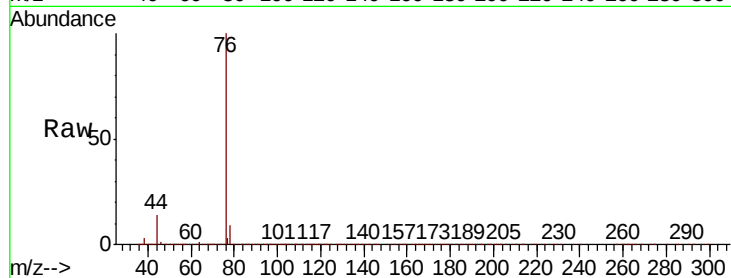
ClientSampleId :

Tot Ion: 76 Resp: 470696

Ion Ratio Lower Upper

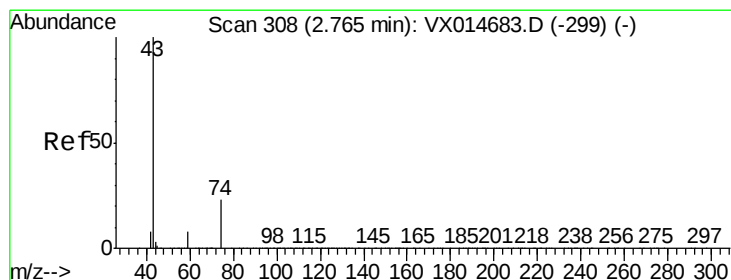
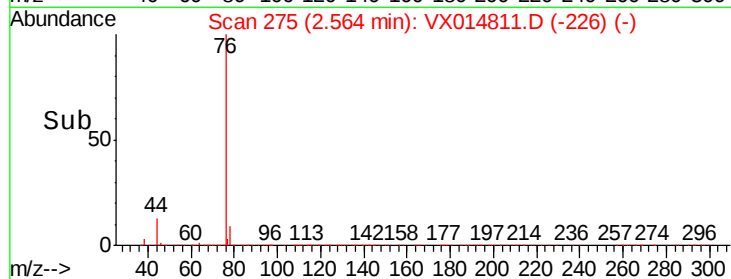
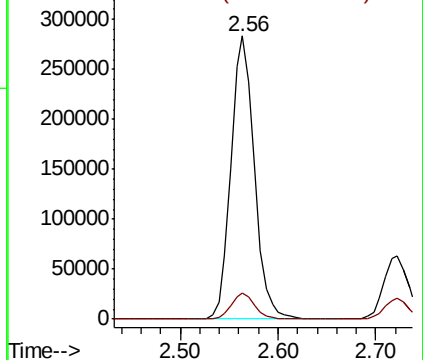
76 100

78 9.1 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: 44.951 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014811.D

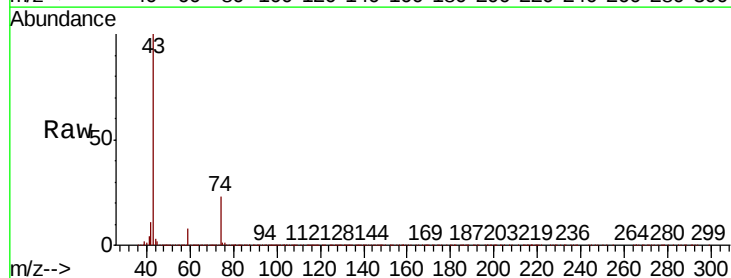
Acq: 05 Feb 2020 09:46

Tgt Ion: 43 Resp: 348729

Ion Ratio Lower Upper

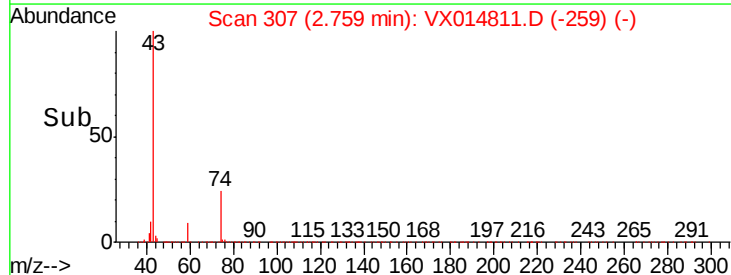
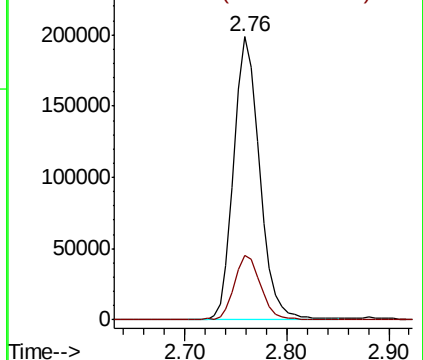
43 100

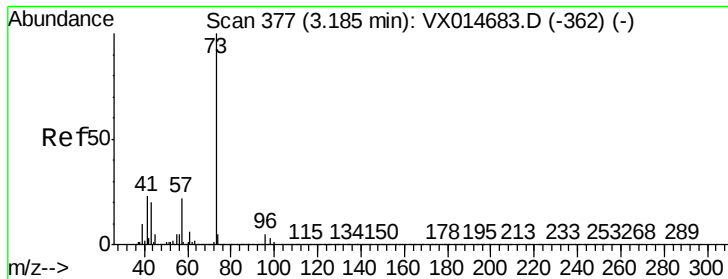
74 23.2 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



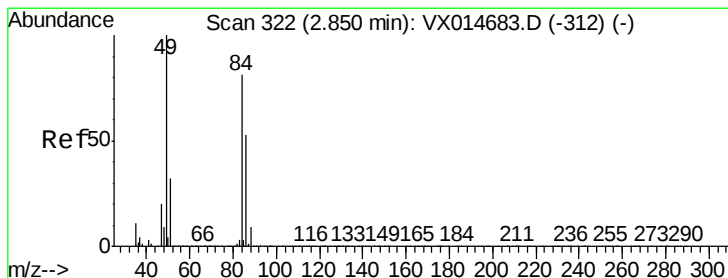
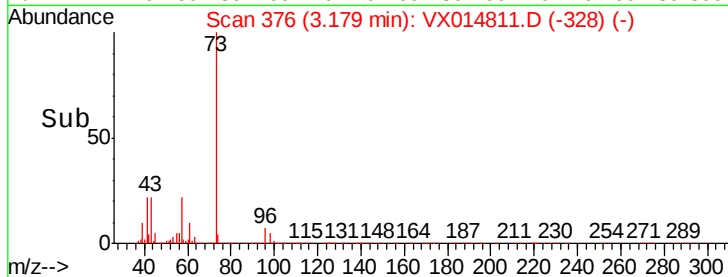
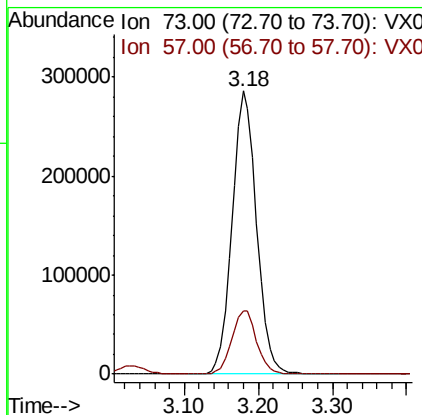
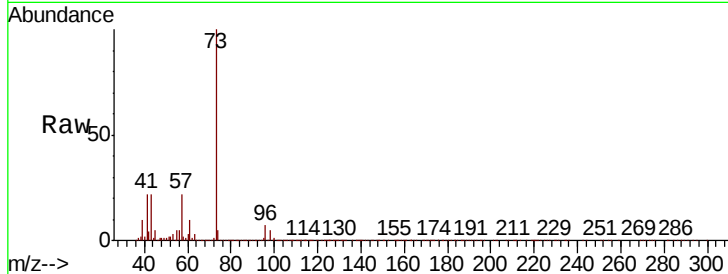


#19

Methyl tert-butyl Ether
 Concen: 47.406 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014811.D
 Acq: 05 Feb 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :

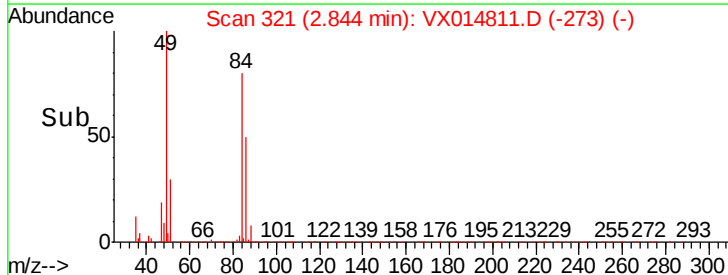
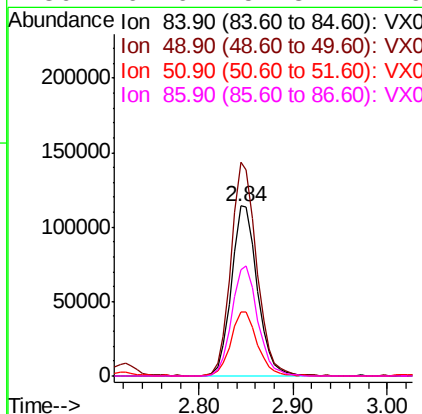
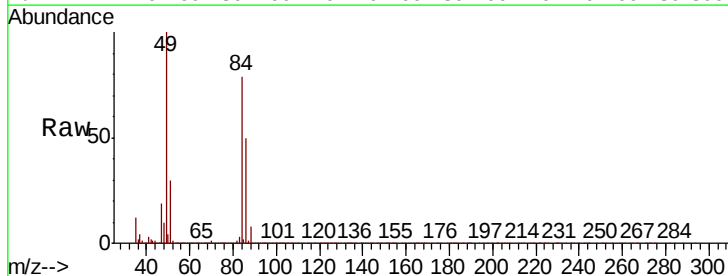
Tot Ion: 73 Resp: 655489
 Ion Ratio Lower Upper
 73 100
 57 22.1 18.0 27.0

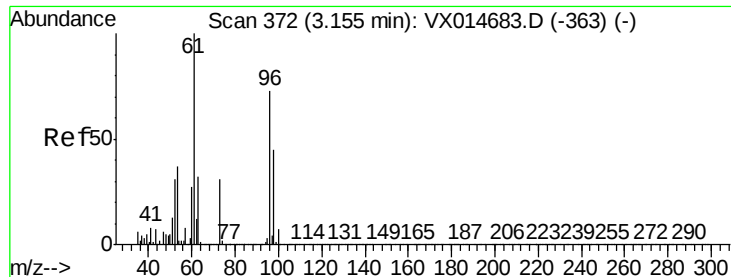


#20

Methylene Chloride
 Concen: 43.406 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014811.D
 Acq: 05 Feb 2020 09:46

Tgt Ion: 84 Resp: 218293
 Ion Ratio Lower Upper
 84 100
 49 125.7 98.2 147.4
 51 37.8 31.3 46.9
 86 62.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 43.980 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

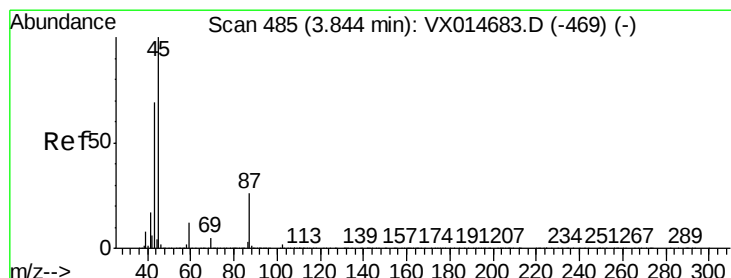
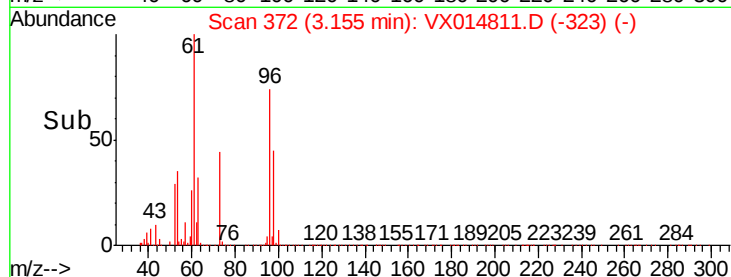
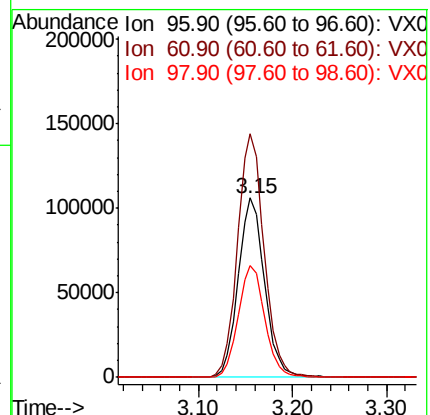
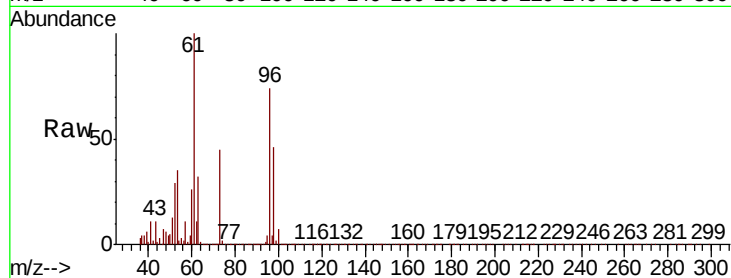
Tot Ion: 96 Resp: 204421

Ion Ratio Lower Upper

96 100

61 135.6 109.8 164.6

98 61.8 49.6 74.4



#22

Diisopropyl ether

Concen: 47.008 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Tgt Ion: 45 Resp: 709654

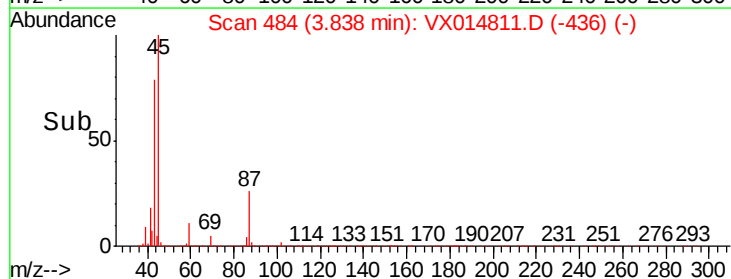
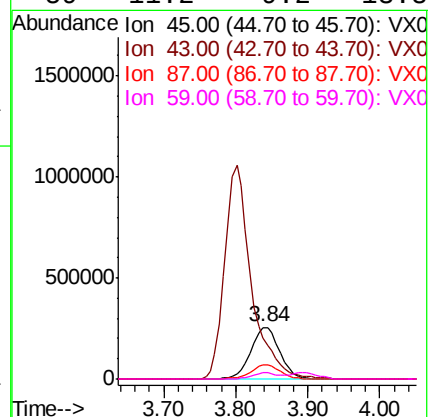
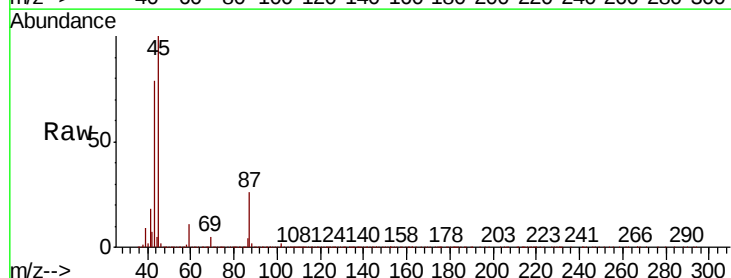
Ion Ratio Lower Upper

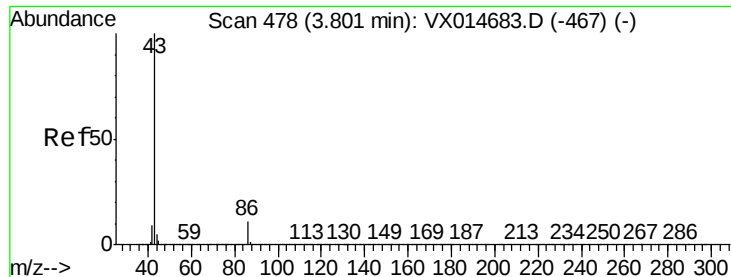
45 100

43 78.9 55.1 82.7

87 26.2 20.7 31.1

59 11.2 9.2 13.8





#23

Vinyl Acetate

Concen: 238.833 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

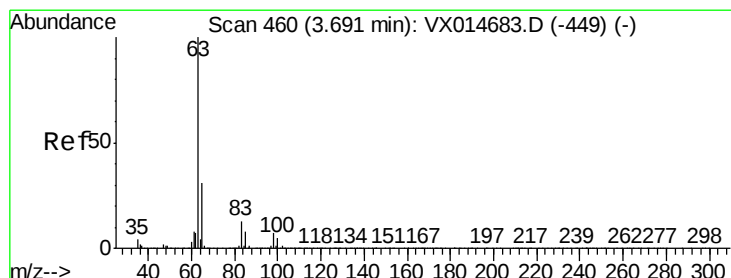
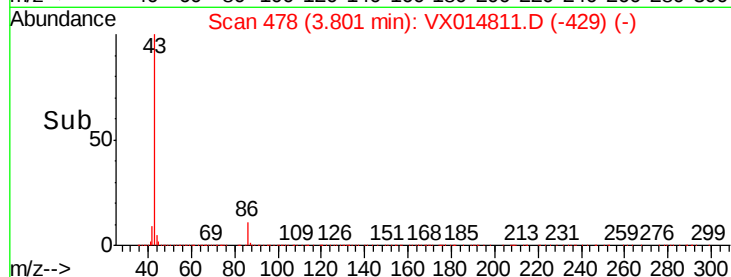
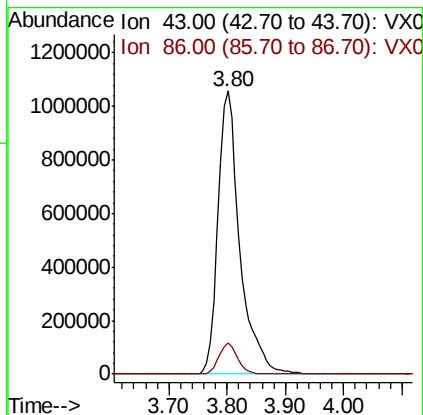
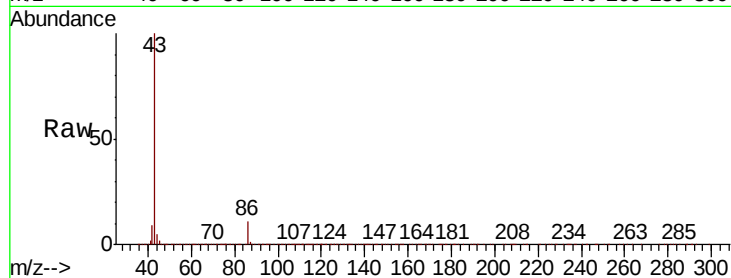
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2748451

Ion Ratio Lower Upper

43 100

86 10.9 8.4 12.6



#24

1,1-Dichloroethane

Concen: 45.759 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

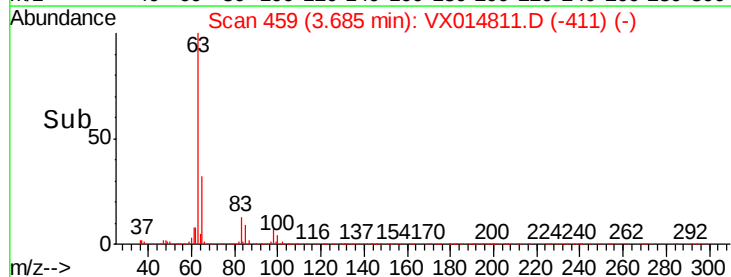
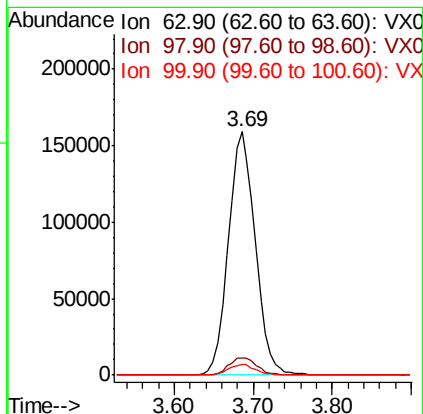
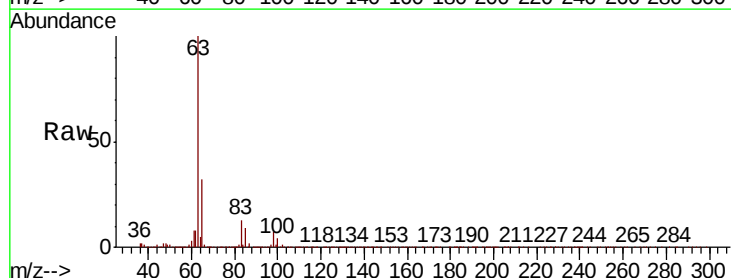
Tgt Ion: 63 Resp: 375154

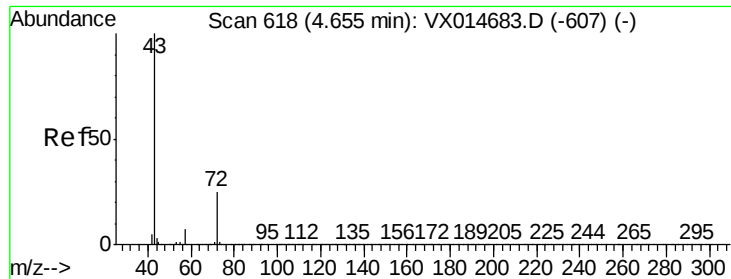
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 222.404 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

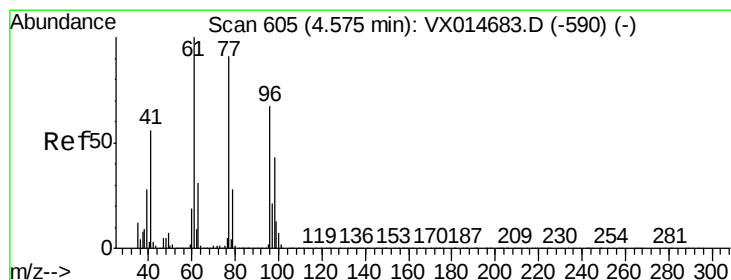
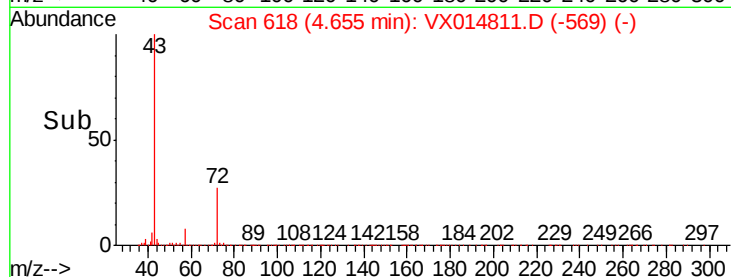
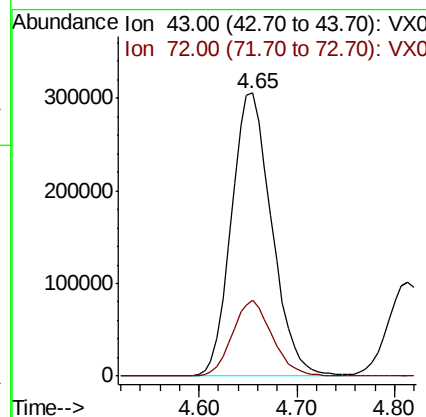
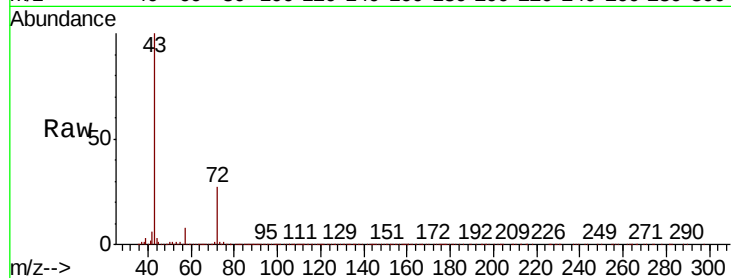
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 866042

Ion Ratio Lower Upper

43 100

72 26.5 19.9 29.9



#26

2,2-Dichloropropane

Concen: 48.420 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014811.D

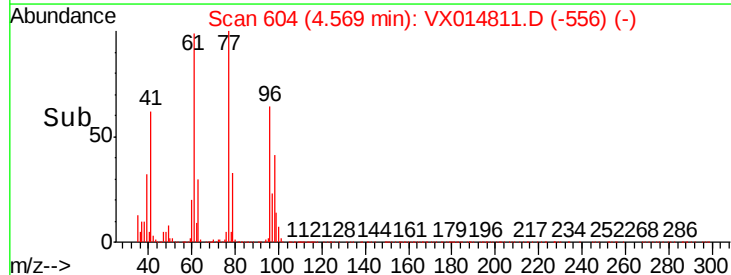
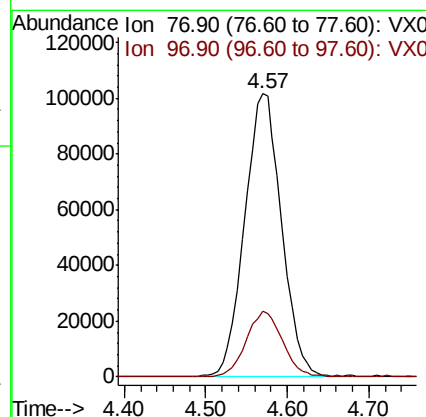
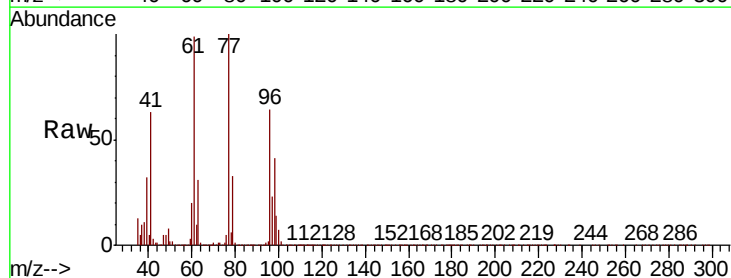
Acq: 05 Feb 2020 09:46

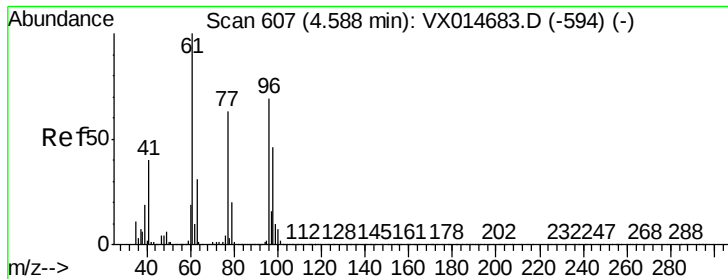
Tgt Ion: 77 Resp: 317742

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.3



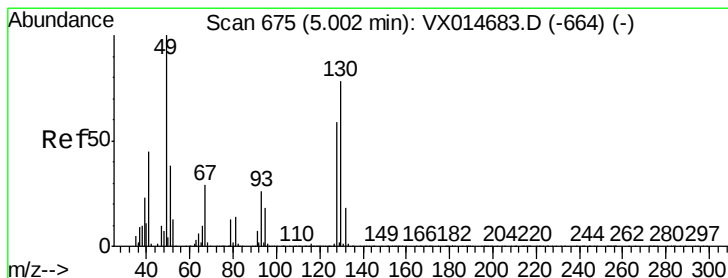
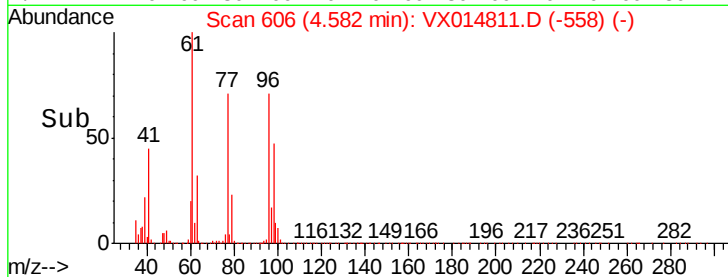
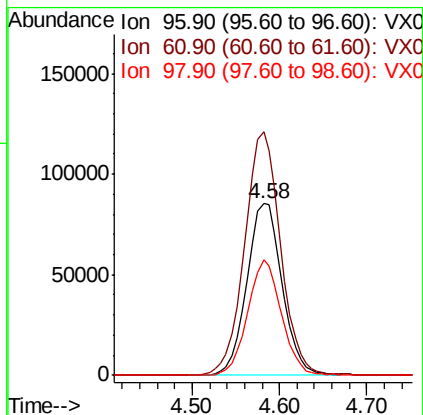
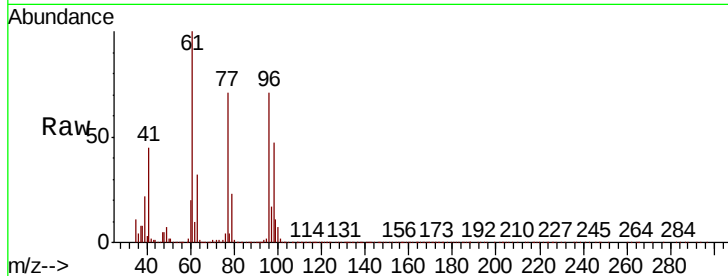


#27

cis-1,2-Dichloroethene
Concen: 45.783 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Instrument :
MSVOA_X
ClientSampled :

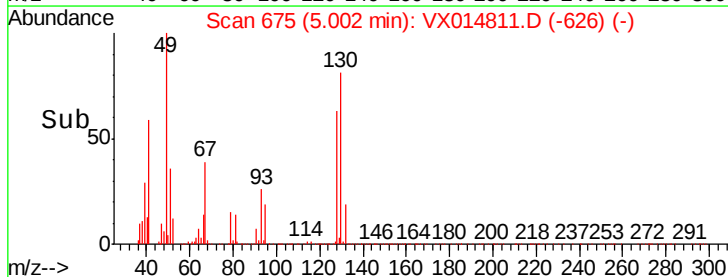
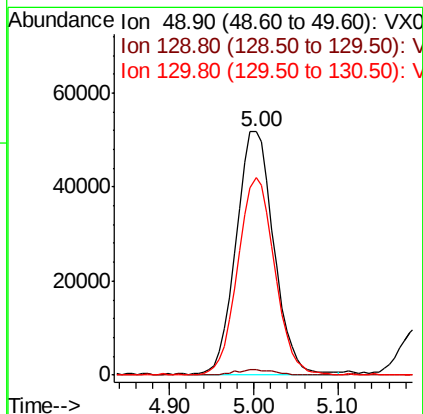
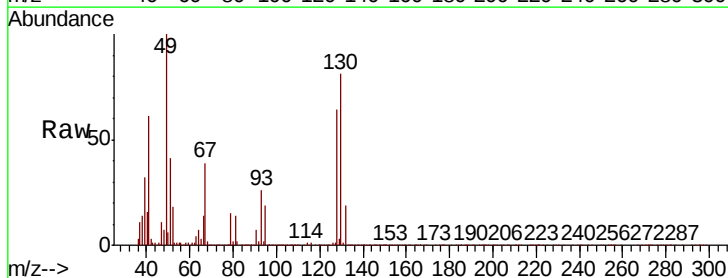
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	291.0
98	64.4	0.0	129.8

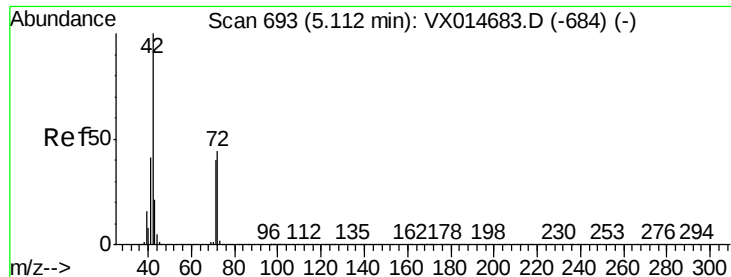


#28

Bromochloromethane
Concen: 43.244 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	79.7	62.4	93.6





#29

Tetrahydrofuran

Concen: 213.313 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

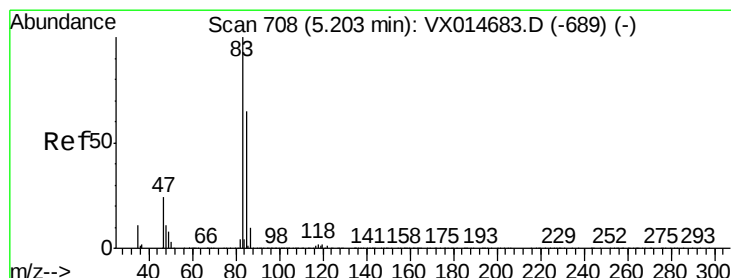
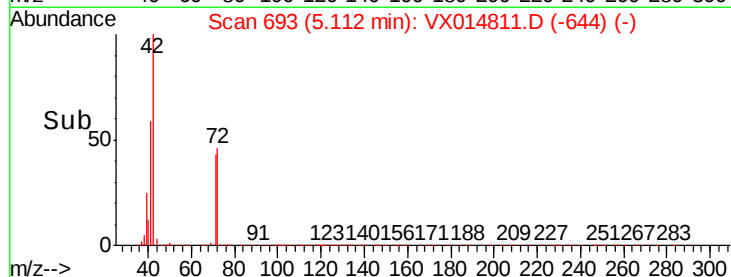
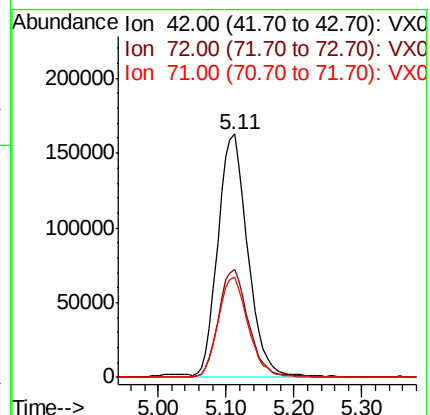
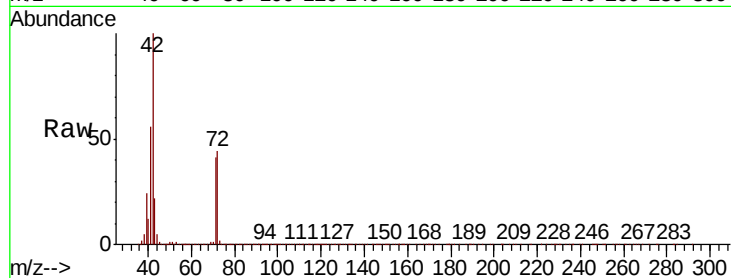
Tot Ion: 42 Resp: 493002

Ion Ratio Lower Upper

42 100

72 44.8 35.3 52.9

71 41.6 33.1 49.7



#30

Chloroform

Concen: 47.427 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014811.D

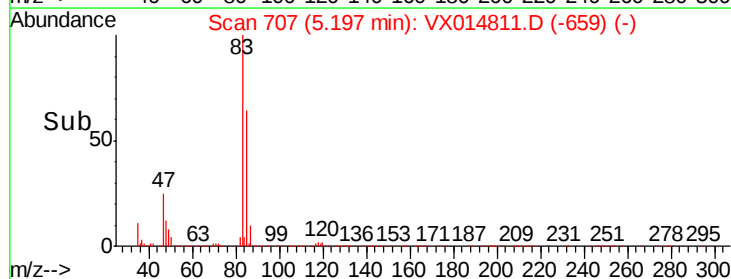
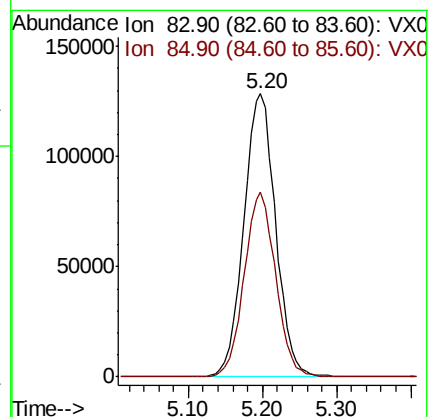
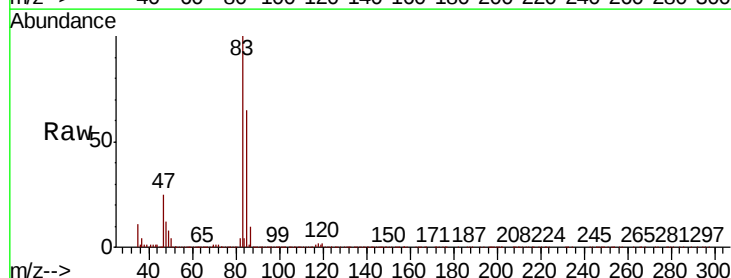
Acq: 05 Feb 2020 09:46

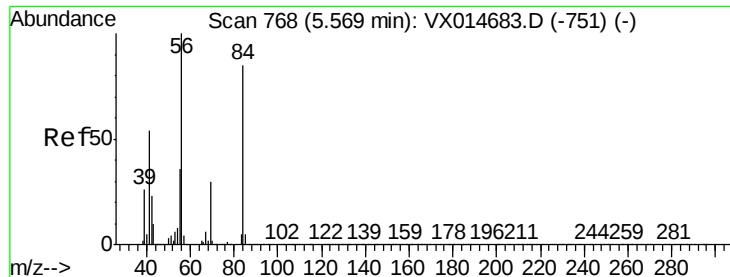
Tgt Ion: 83 Resp: 385174

Ion Ratio Lower Upper

83 100

85 64.8 51.7 77.5

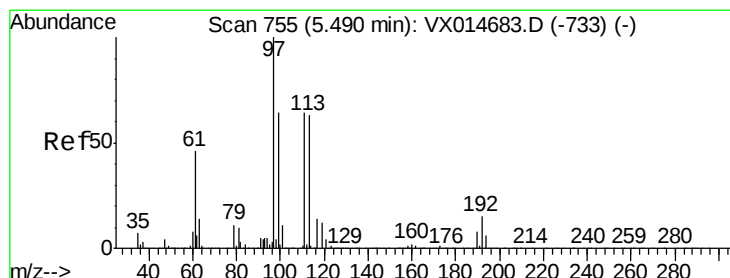
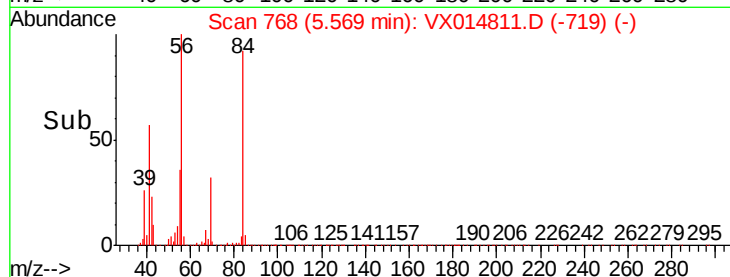
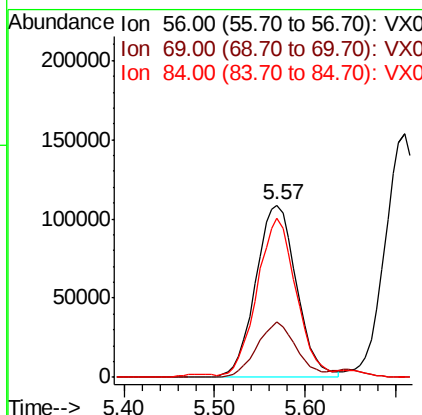
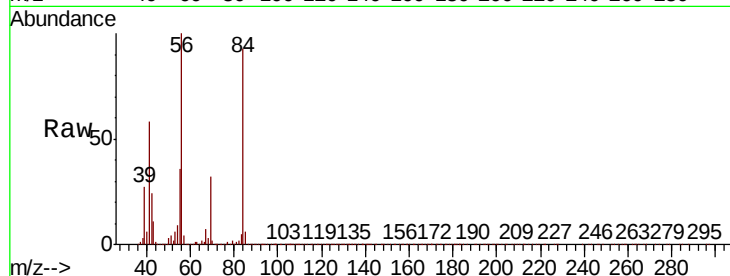




#31
Cyclohexane
Concen: 43.735 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

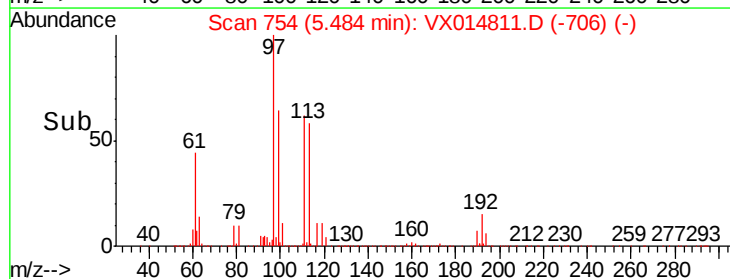
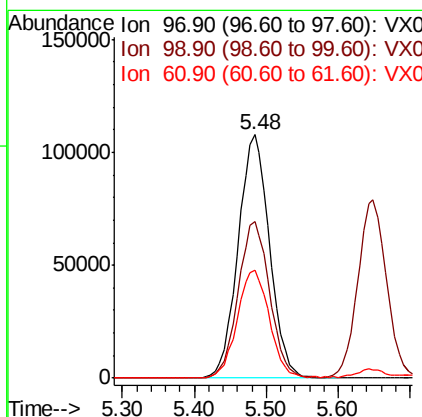
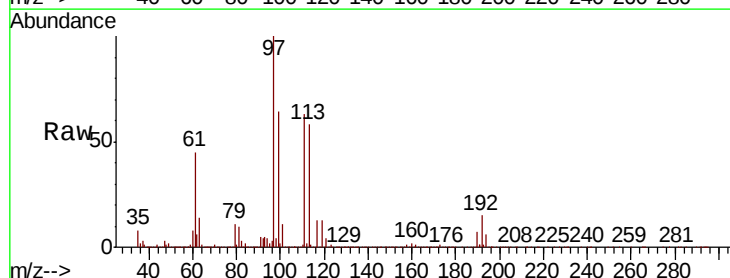
Instrument :
MSVOA_X
ClientSampleId :

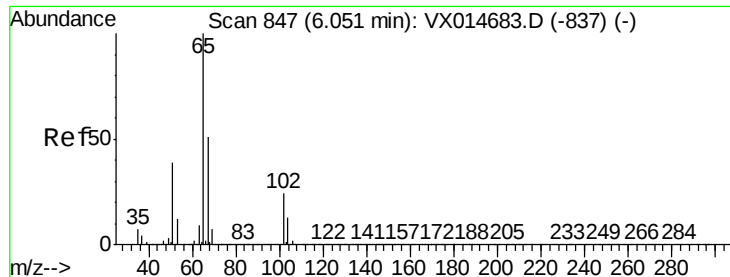
Tot Ion: 56 Resp: 337241
Ion Ratio Lower Upper
56 100
69 31.8 23.4 35.2
84 91.2 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 47.419 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Tgt Ion: 97 Resp: 325529
Ion Ratio Lower Upper
97 100
99 64.9 52.3 78.5
61 45.1 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 45.403 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

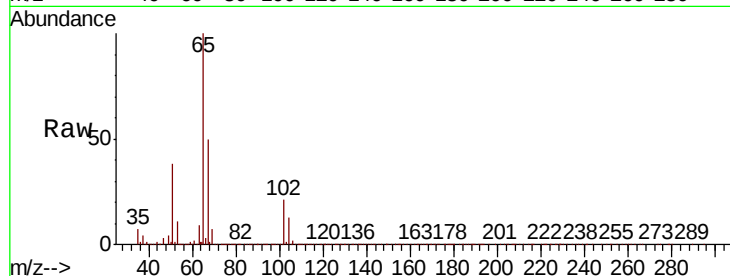
ClientSampleId :

Tot Ion: 65 Resp: 225155

Ion Ratio Lower Upper

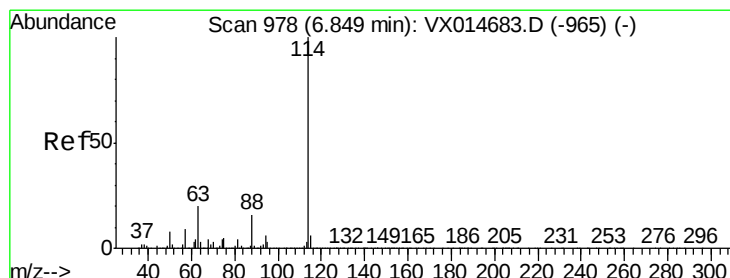
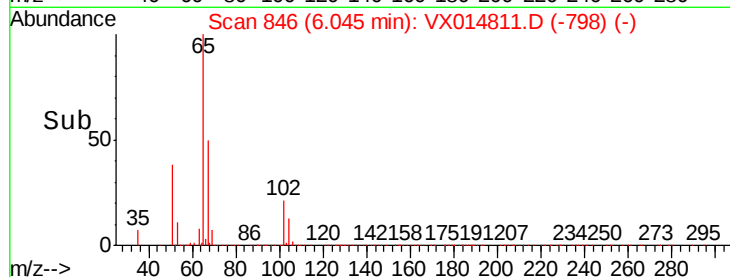
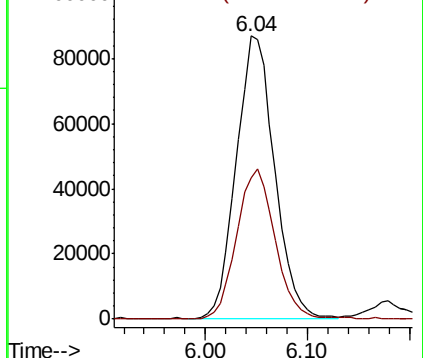
65 100

67 52.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

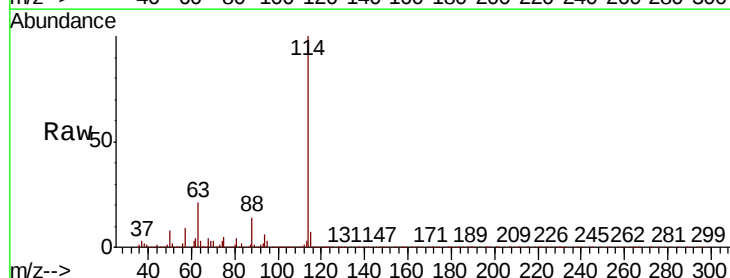
Tgt Ion: 114 Resp: 615898

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

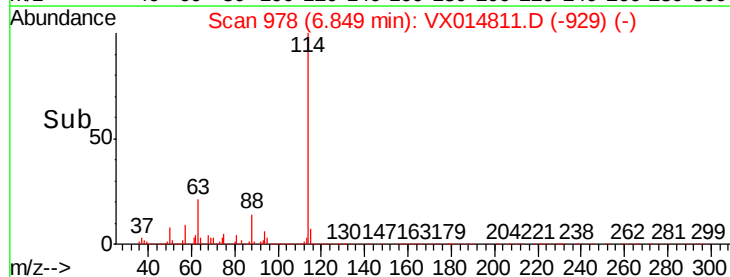
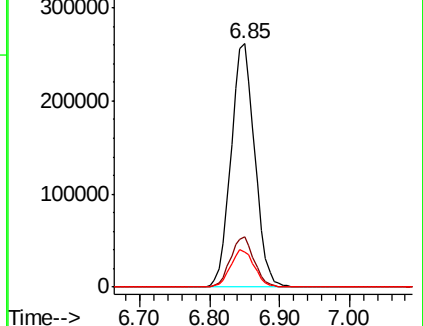
88 14.4 0.0 31.2

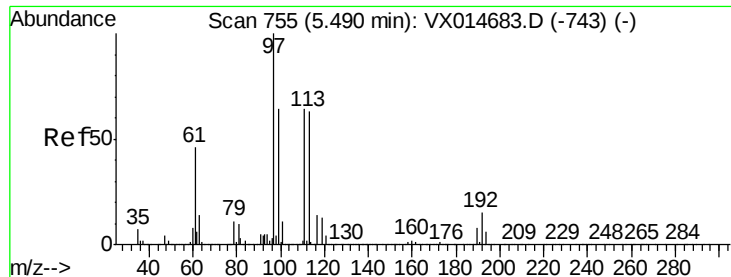


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

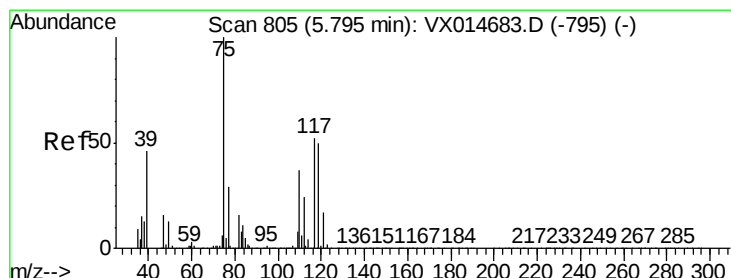
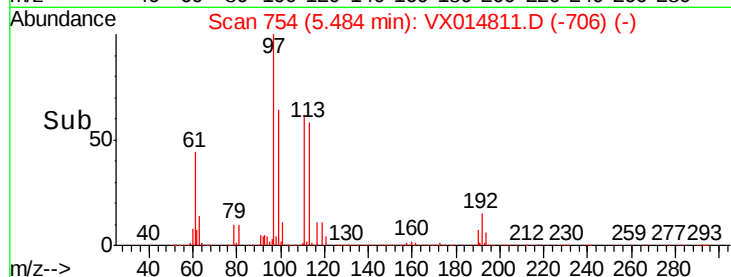
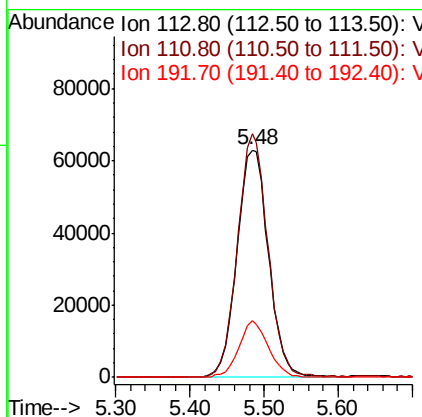
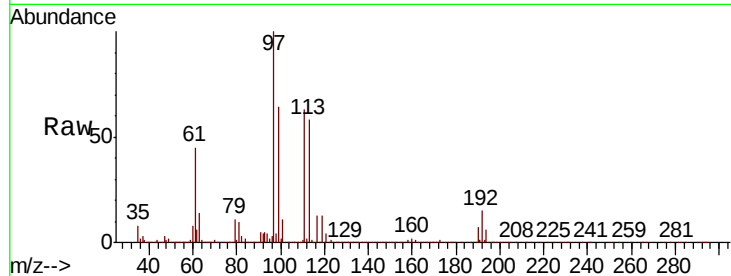




#35
 Dibromofluoromethane
 Concen: 48.310 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014811.D
 Acq: 05 Feb 2020 09:46

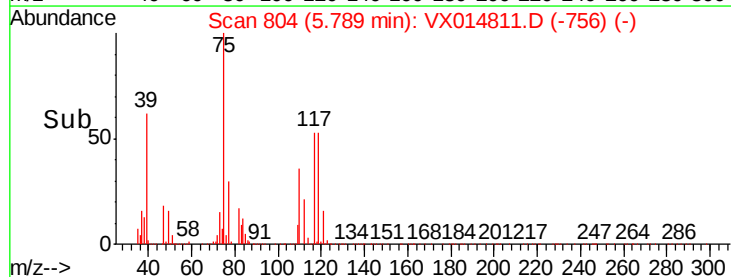
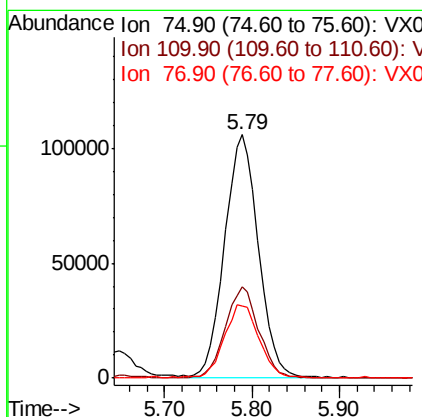
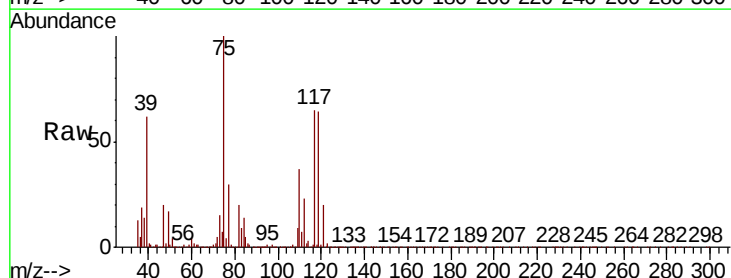
Instrument :
 MSVOA_X
 ClientSampleId :

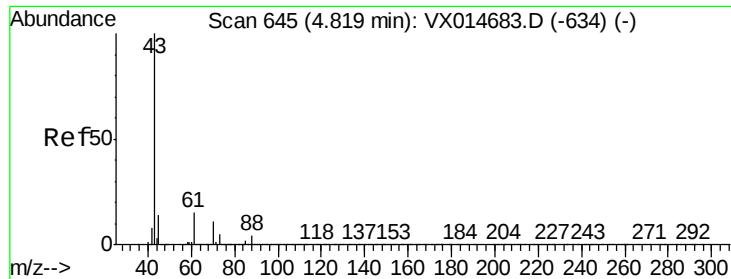
Tot Ion:113 Resp: 187745
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.7 121.1
 192 23.4 18.5 27.7



#36
 1,1-Dichloropropene
 Concen: 49.302 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014811.D
 Acq: 05 Feb 2020 09:46

Tgt Ion: 75 Resp: 282152
 Ion Ratio Lower Upper
 75 100
 110 37.1 17.9 53.7
 77 30.9 24.1 36.1

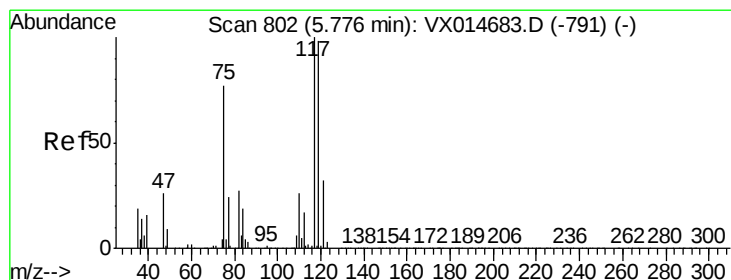
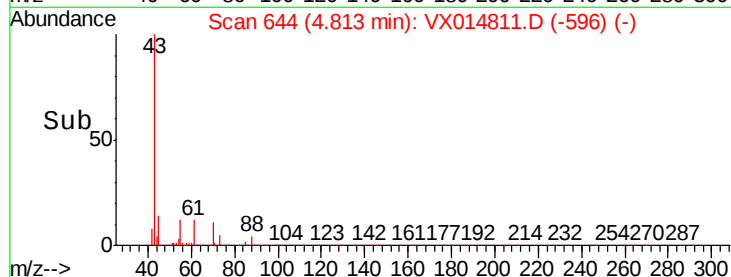
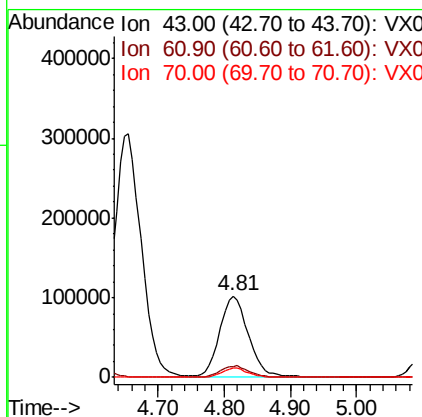
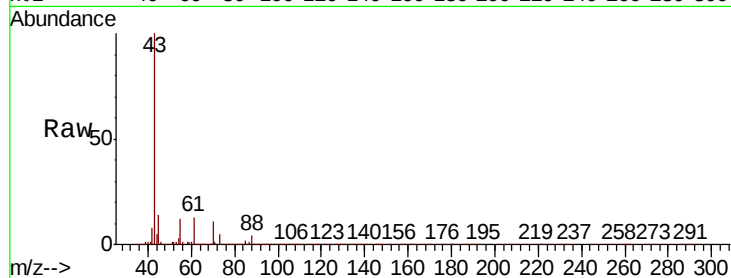




#37
Ethyl Acetate
Concen: 46.613 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

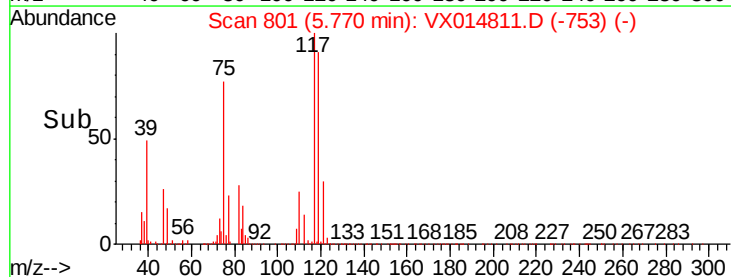
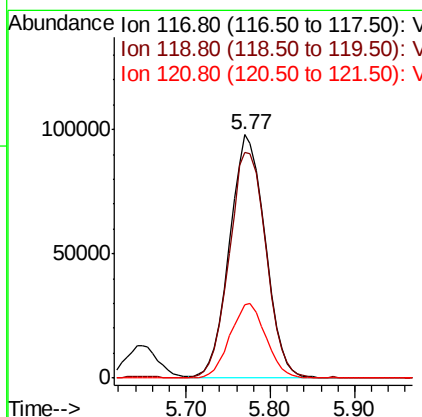
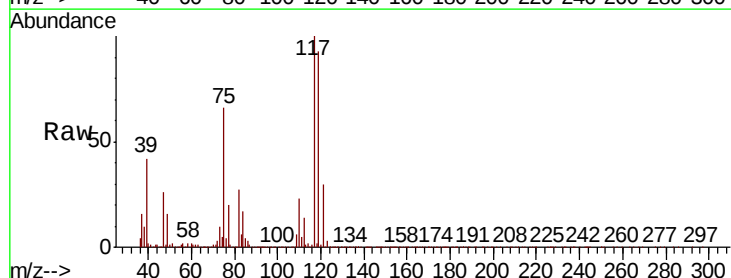
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	11.0	8.5	12.7



#38
Carbon Tetrachloride
Concen: 51.384 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	77.9	116.9
121	30.0	25.4	38.2

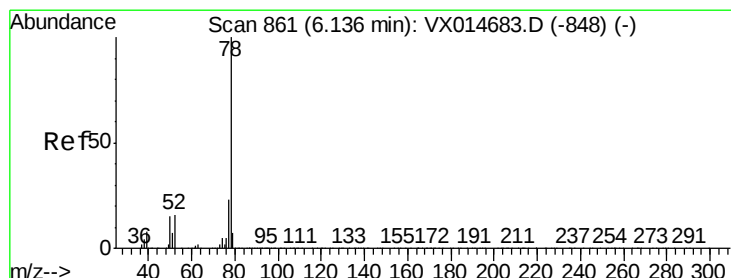
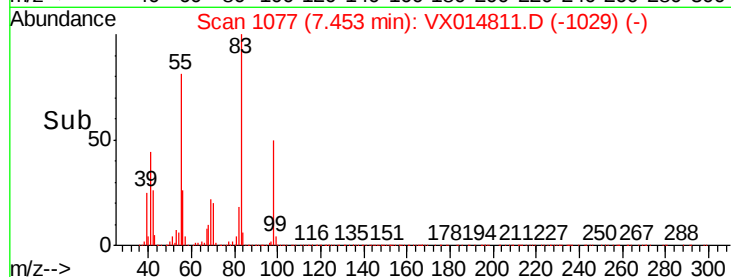
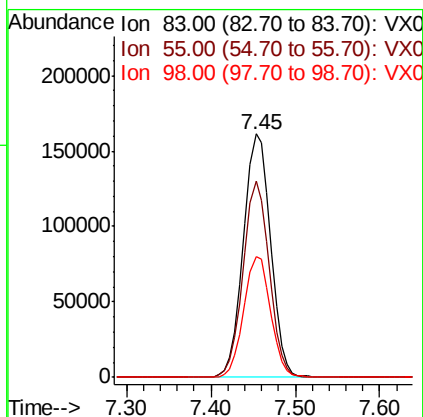
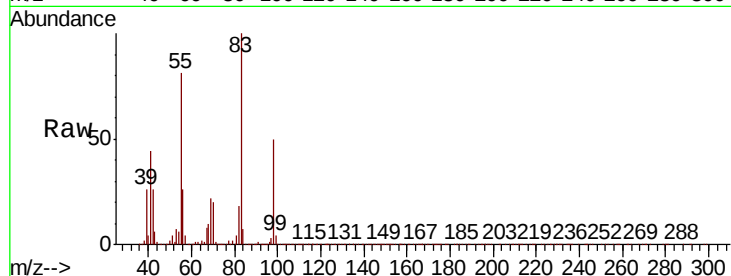




#39
Methvlcvclohexane
Concen: 49.042 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

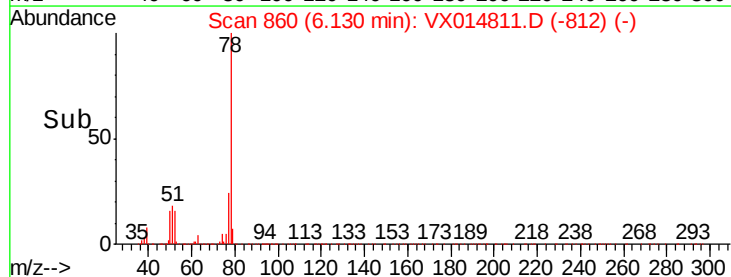
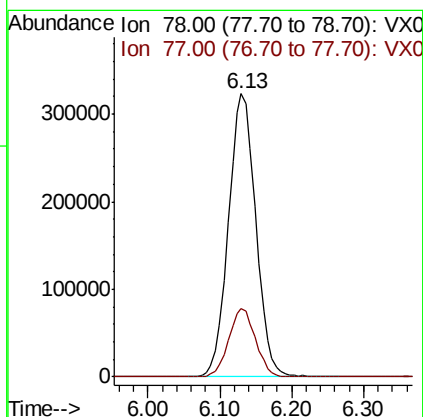
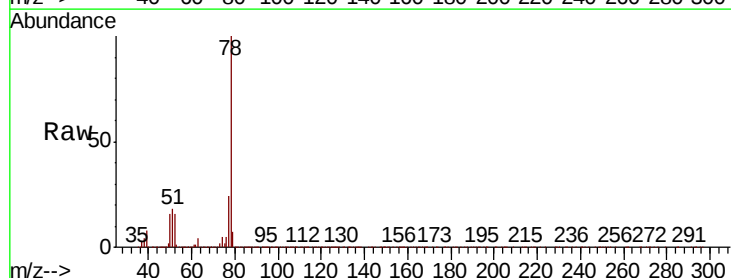
Instrument :
MSVOA_X
ClientSampleId :

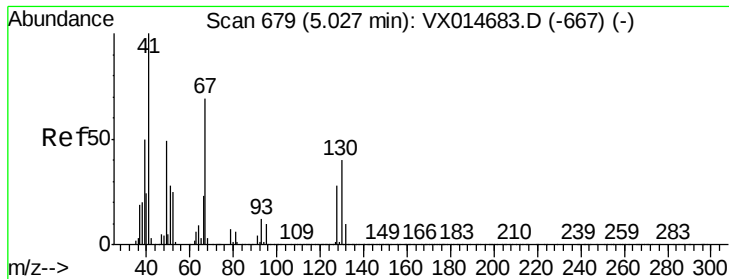
Tot Ion	Ratio	Lower	Upper
83	100		
55	80.6	65.6	98.4
98	49.8	40.2	60.4



#40
Benzene
Concen: 48.193 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1





#41

Methacrylonitrile

Concen: 45.544 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 170395

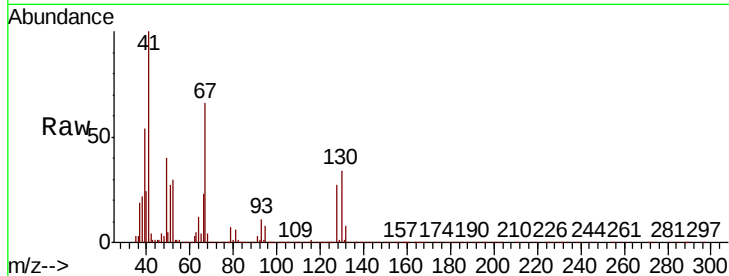
Ion Ratio Lower Upper

41 100

39 54.6 42.2 63.2

67 71.7 55.4 83.0

52 29.1 22.1 33.1

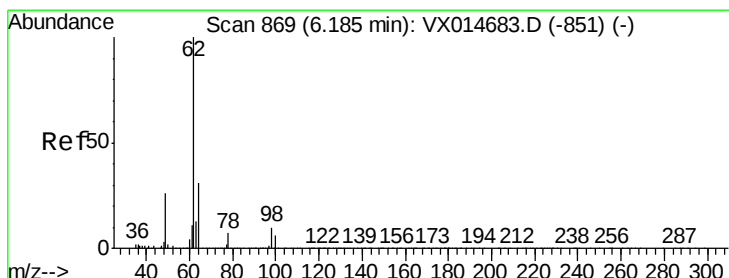
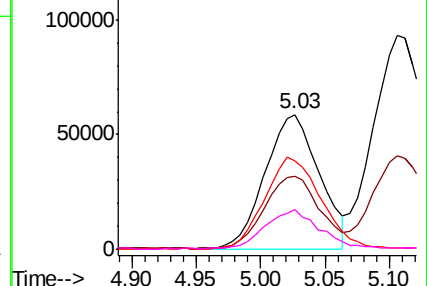
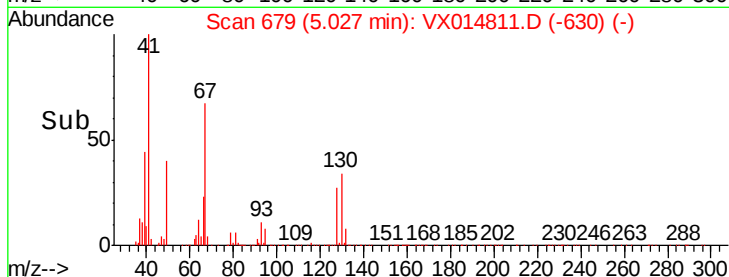


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.739 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014811.D

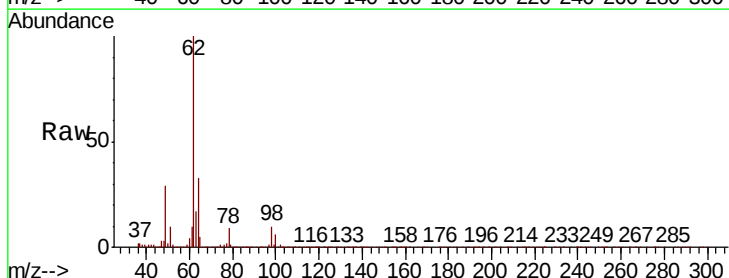
Acq: 05 Feb 2020 09:46

Tgt Ion: 62 Resp: 309824

Ion Ratio Lower Upper

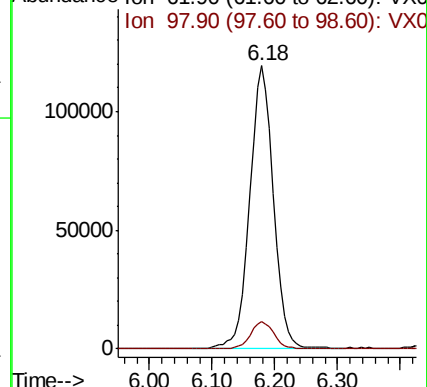
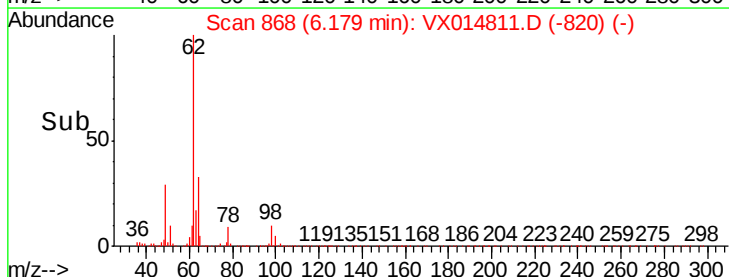
62 100

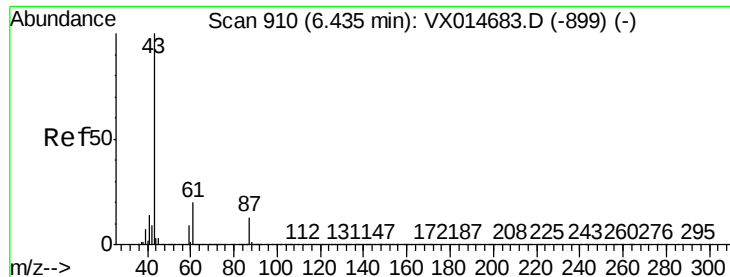
98 9.5 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.904 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :

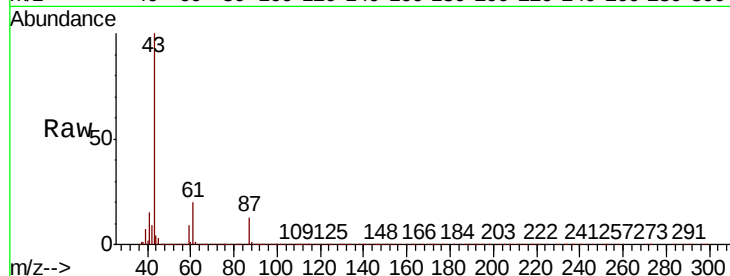
Tot Ion: 43 Resp: 503443

Ion Ratio Lower Upper

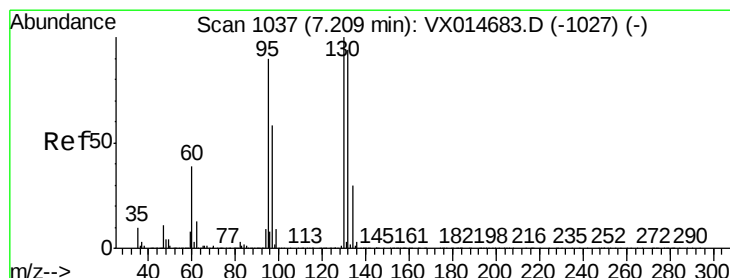
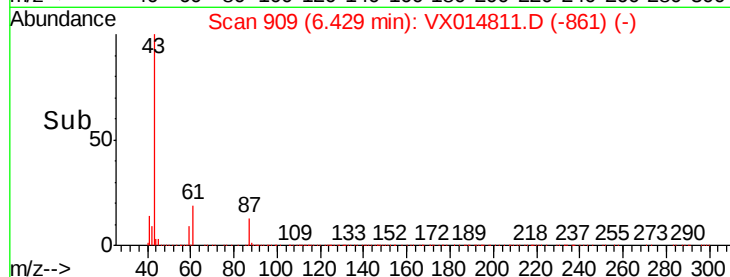
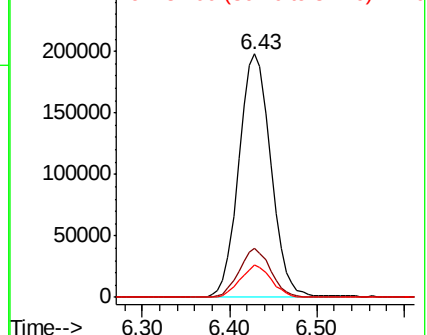
43 100

61 19.8 16.2 24.4

87 12.8 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.097 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014811.D

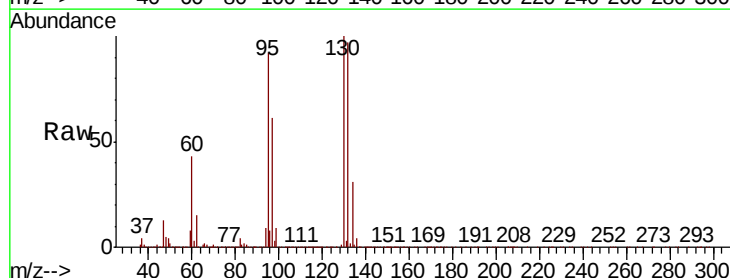
Acq: 05 Feb 2020 09:46

Tgt Ion:130 Resp: 240230

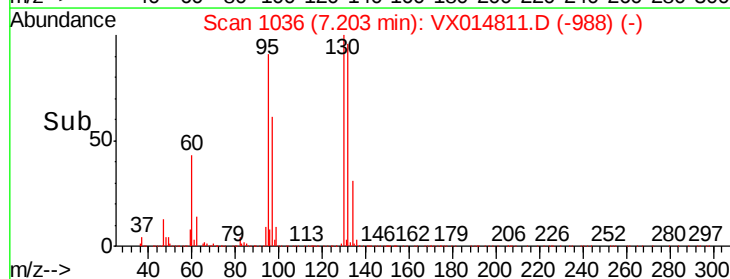
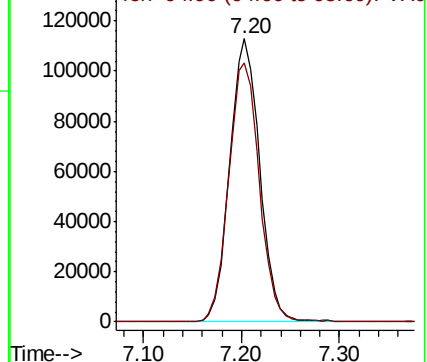
Ion Ratio Lower Upper

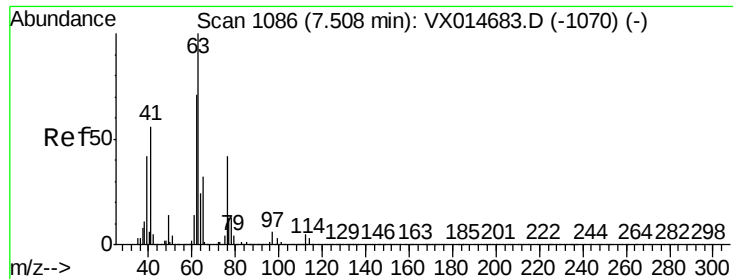
130 100

95 91.5 0.0 179.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

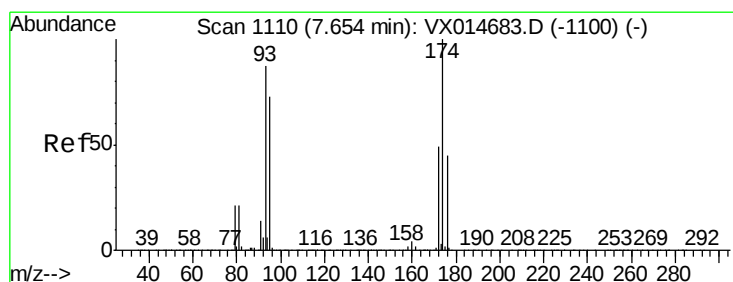
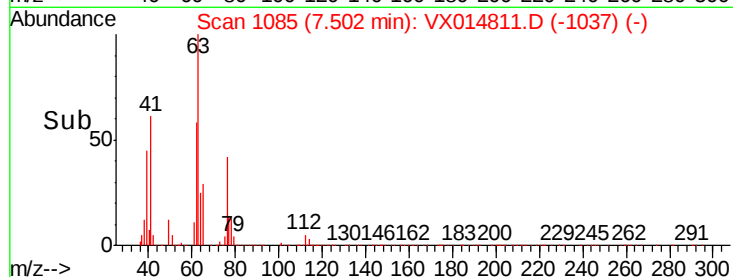
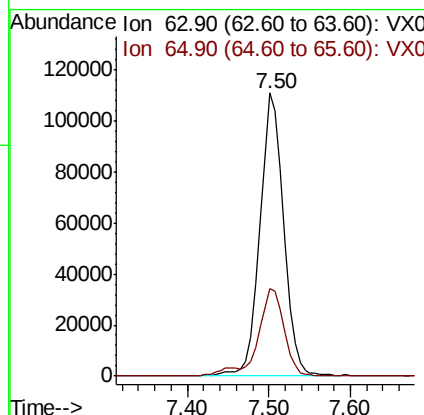
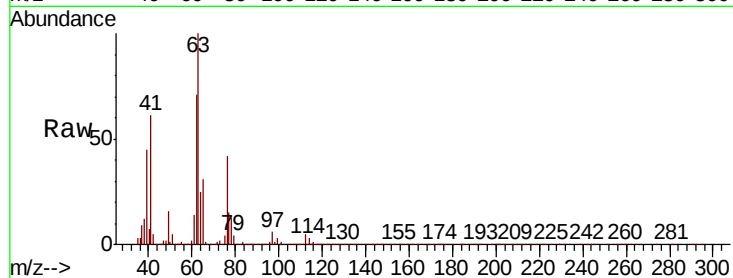




#45
 1,2-Dichloropropane
 Concen: 49.562 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014811.D
 Acq: 05 Feb 2020 09:46

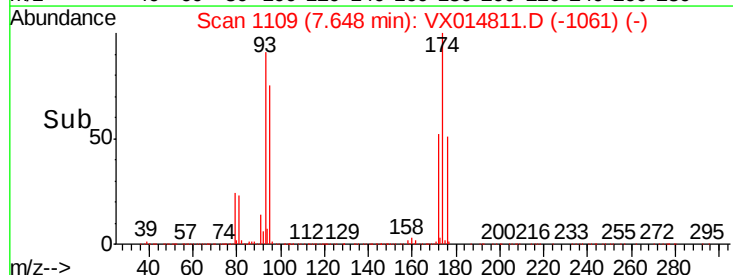
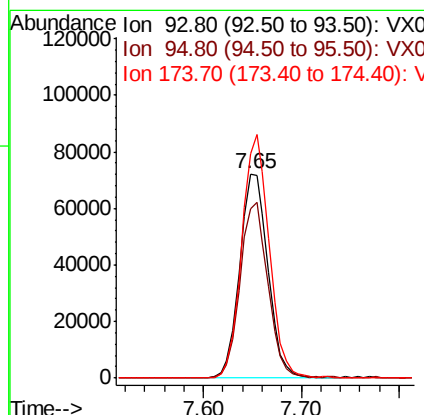
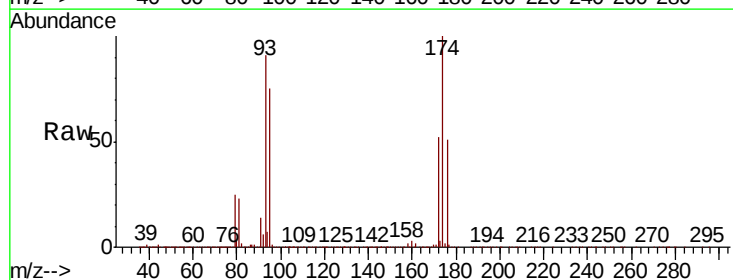
Instrument :
 MSVOA_X
 ClientSampleId :

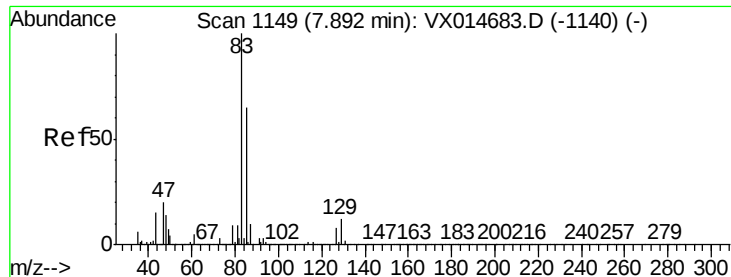
Tot Ion: 63 Resp: 225778
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.2 37.8



#46
 Dibromomethane
 Concen: 48.927 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014811.D
 Acq: 05 Feb 2020 09:46

Tgt Ion: 93 Resp: 144354
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.0 100.4
 174 115.5 90.2 135.2





#47

Bromodichloromethane

Concen: 51.878 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

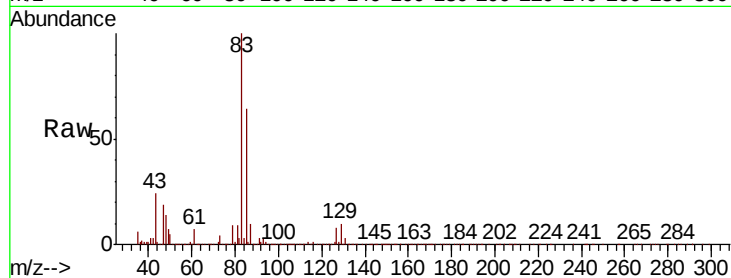
Tot Ion: 83 Resp: 300201

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.2

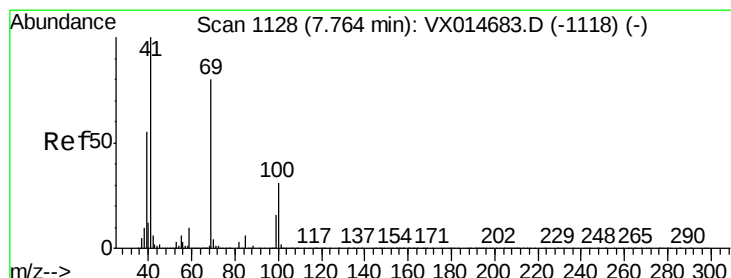
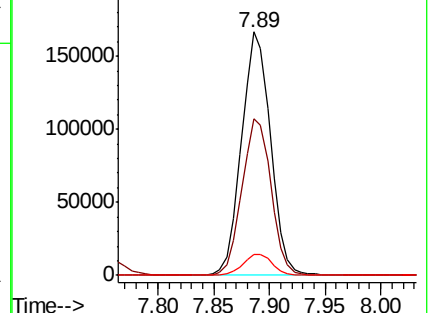
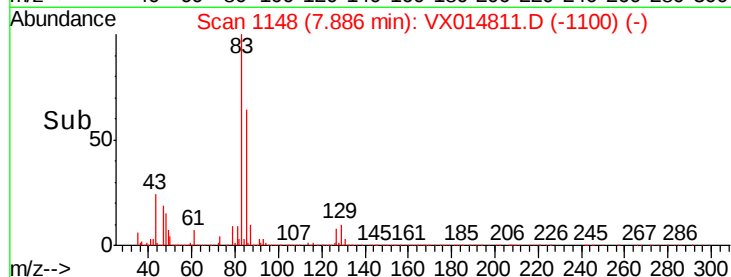
127 8.4 6.4 9.6



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: 48.330 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

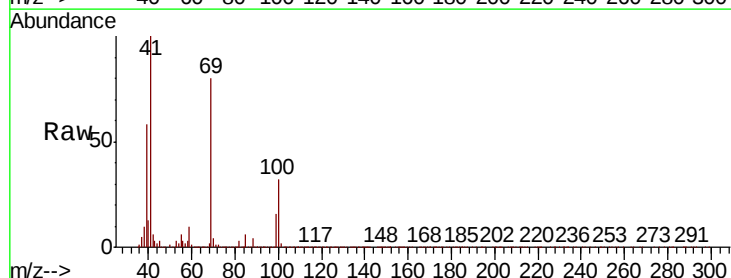
Tgt Ion: 41 Resp: 247857

Ion Ratio Lower Upper

41 100

69 80.6 63.5 95.3

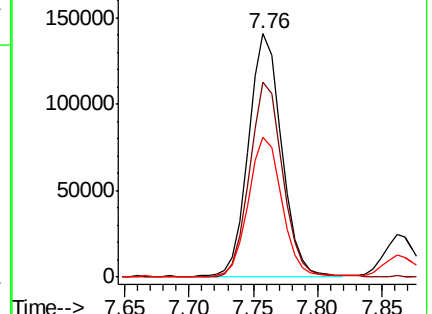
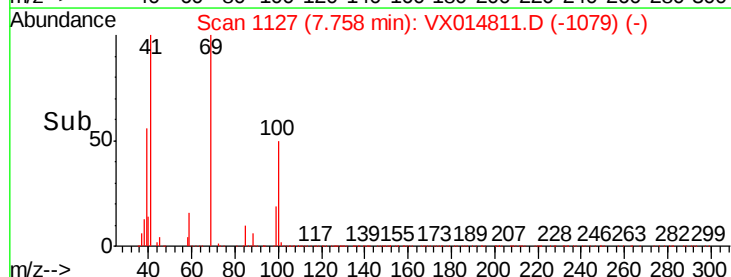
39 58.1 43.7 65.5

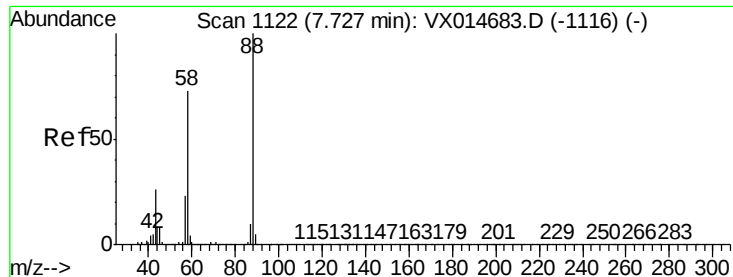


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

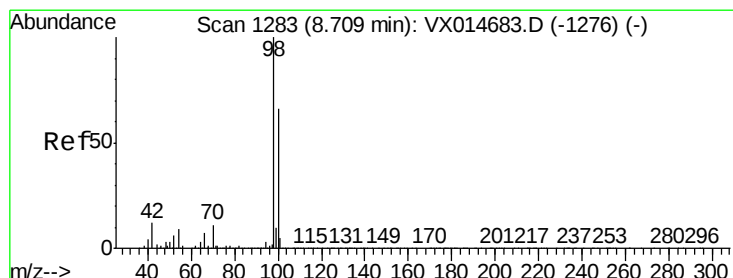
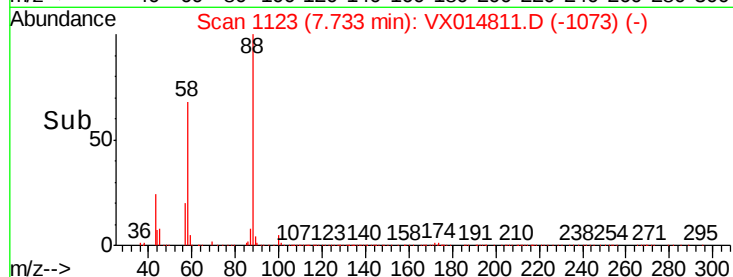
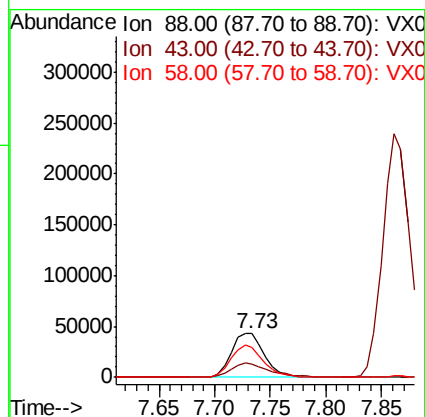
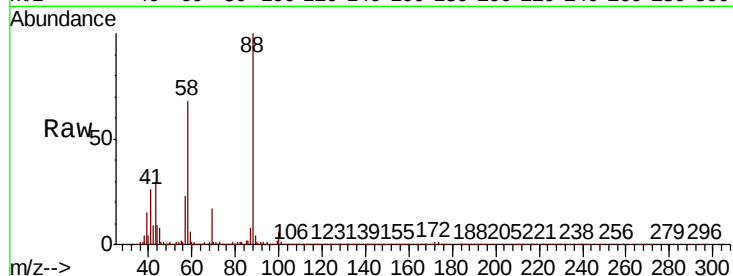




#49
1,4-Dioxane
Concen: 809.562 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

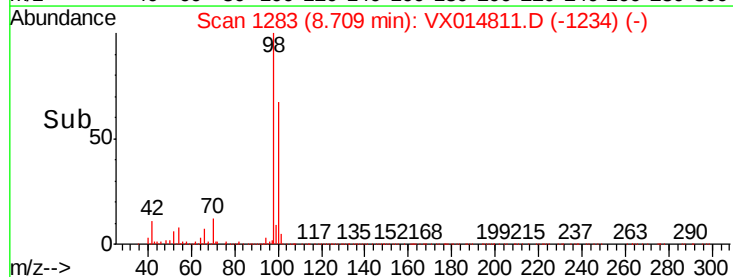
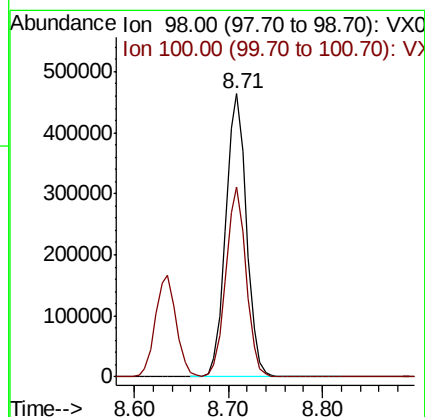
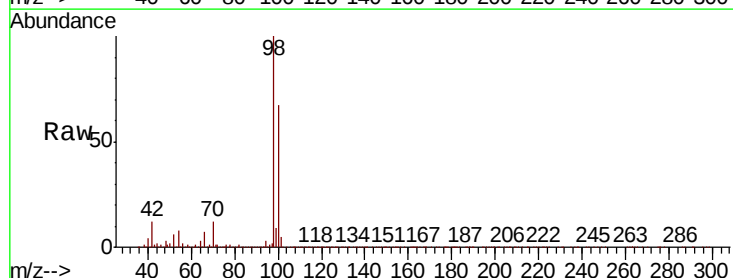
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 88008
Ion Ratio Lower Upper
88 100
43 35.3 26.2 39.2
58 71.3 56.6 85.0



#50
Toluene-d8
Concen: 47.079 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Tgt Ion: 98 Resp: 703376
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 233.969 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

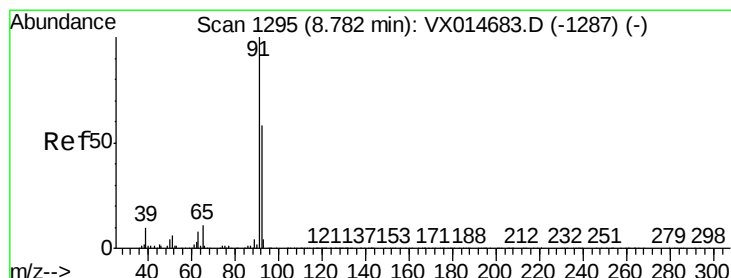
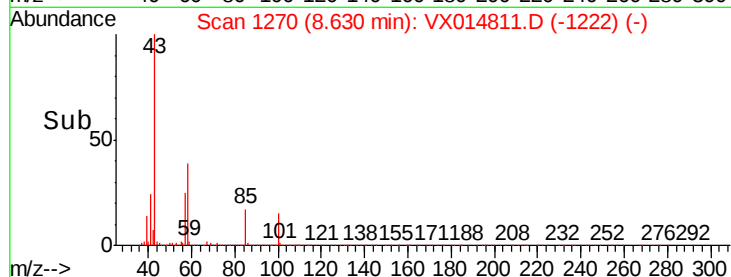
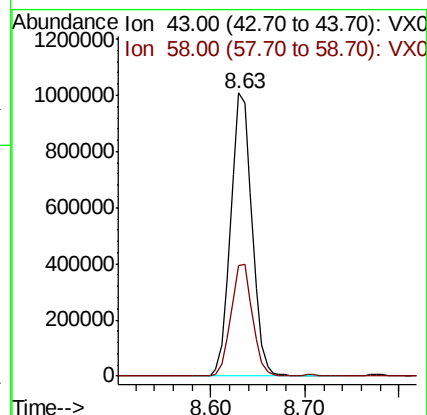
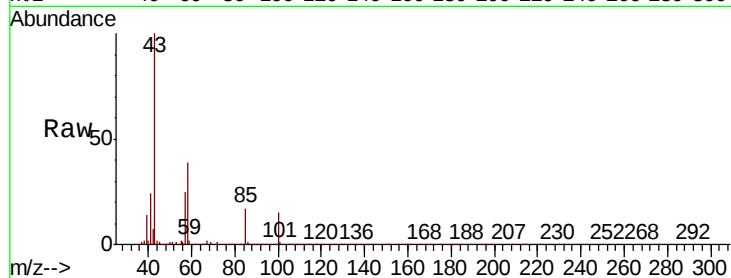
ClientSampleId :

Tot Ion: 43 Resp: 1585017

Ion Ratio Lower Upper

43 100

58 39.6 31.6 47.4



#52

Toluene

Concen: 50.184 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014811.D

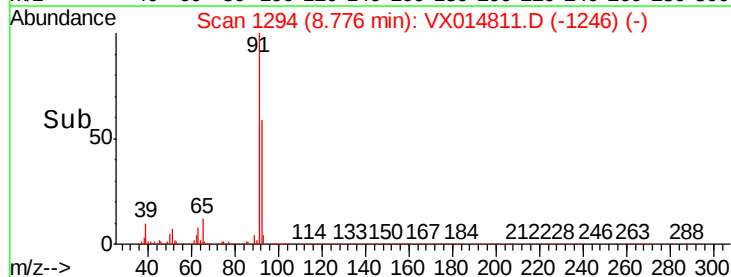
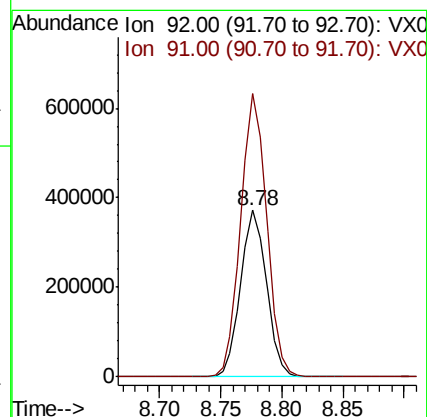
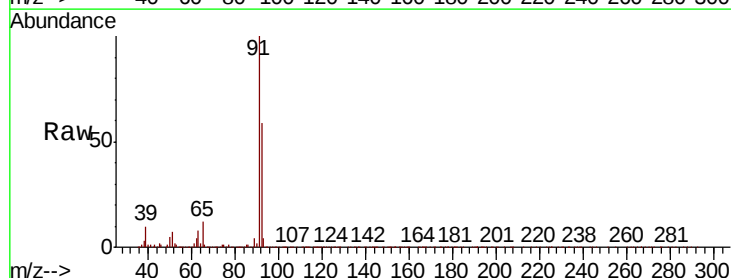
Acq: 05 Feb 2020 09:46

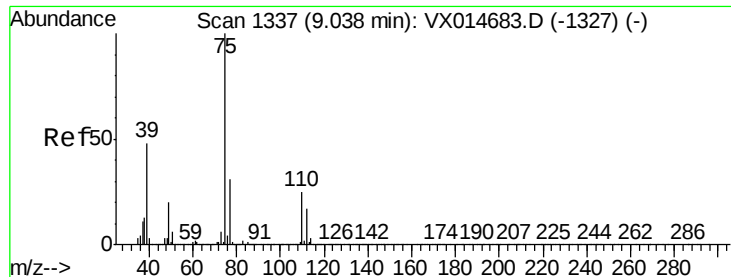
Tgt Ion: 92 Resp: 545483

Ion Ratio Lower Upper

92 100

91 170.8 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 52.559 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

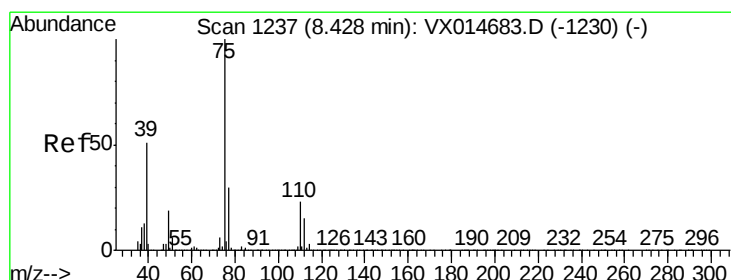
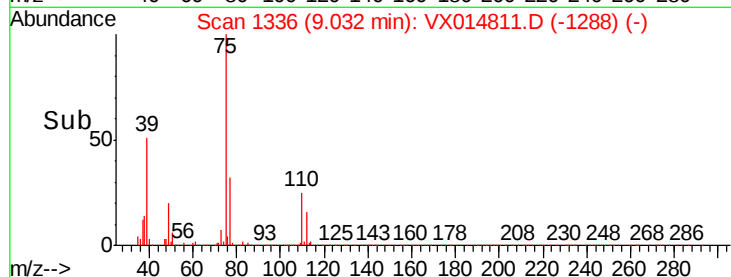
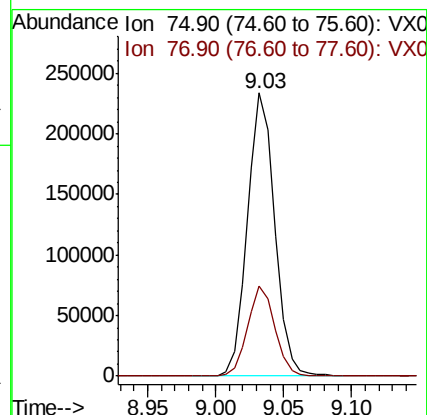
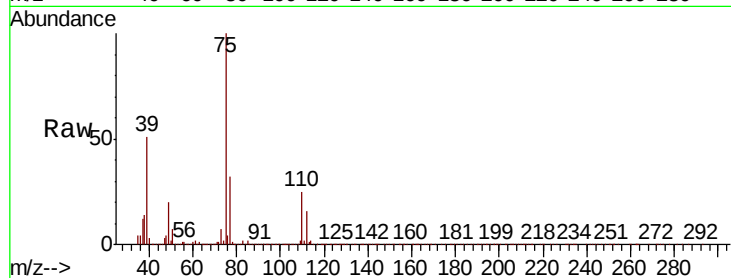
ClientSampleId :

Tot Ion: 75 Resp: 327489

Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 53.241 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

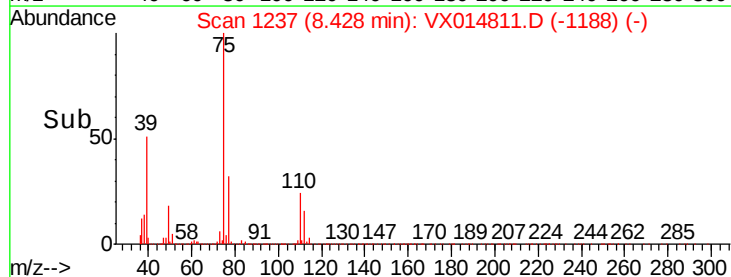
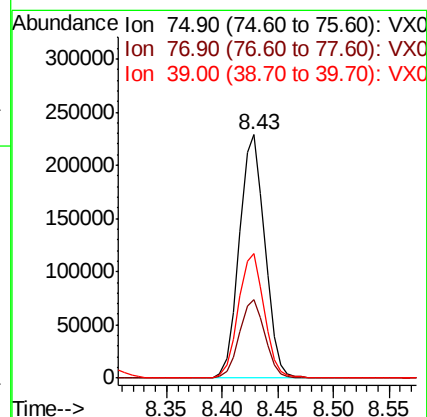
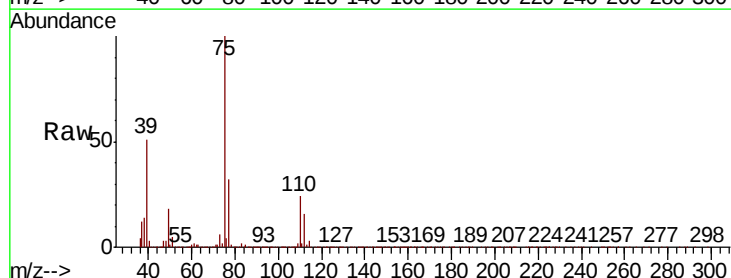
Tgt Ion: 75 Resp: 364941

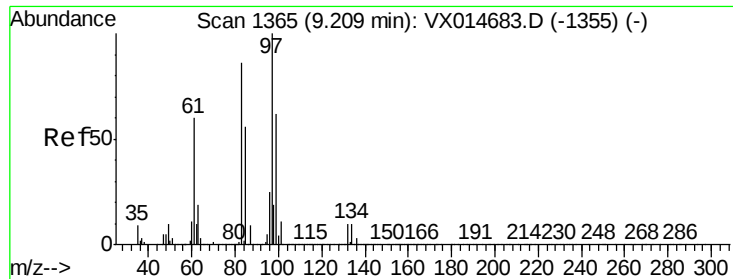
Ion Ratio Lower Upper

75 100

77 32.2 23.9 35.9

39 51.1 40.9 61.3

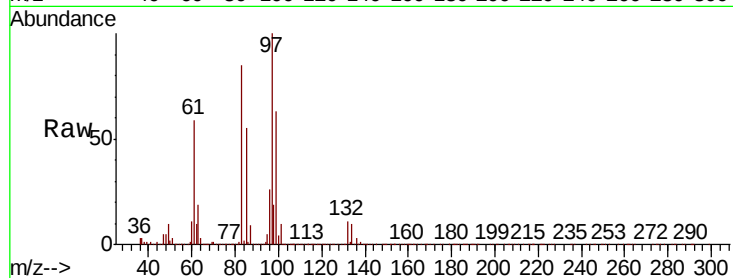




#55
 1,1,2-Trichloroethane
 Concen: 50.571 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014811.D
 Acq: 05 Feb 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	225053
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.2	103.8
85	54.5	44.6	67.0
99	63.0	50.1	75.1



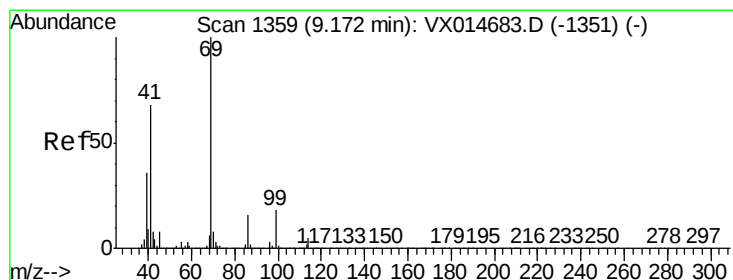
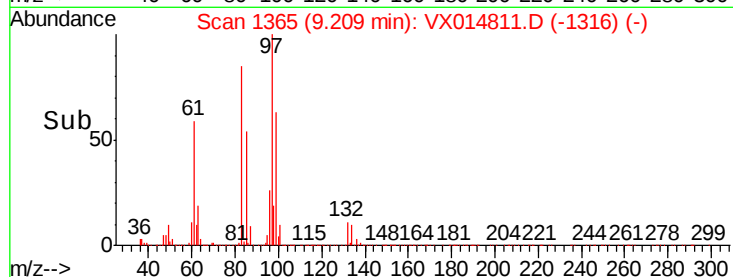
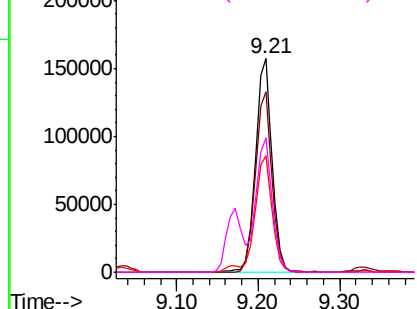
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

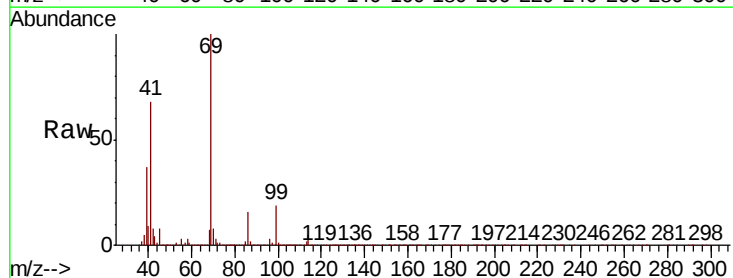
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 45.975 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014811.D
 Acq: 05 Feb 2020 09:46

Tgt Ion:	69	Resp:	345740
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.9	82.3
39	38.1	29.3	43.9

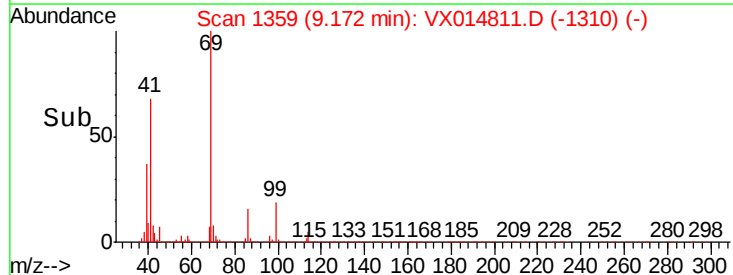
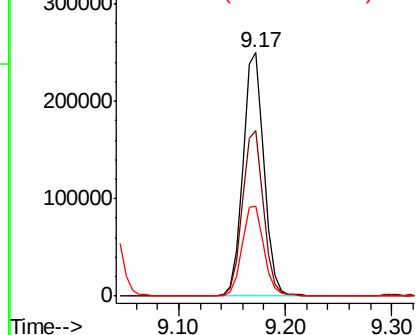


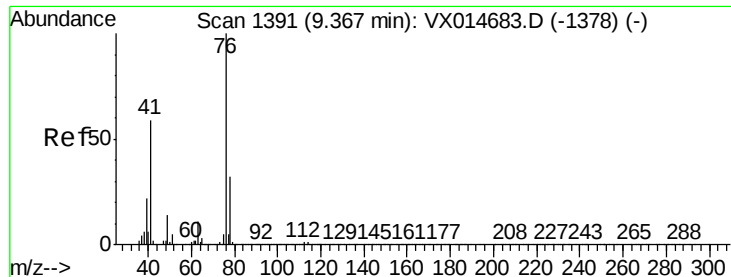
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.837 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

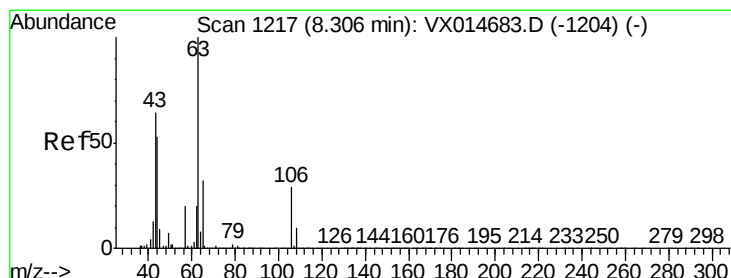
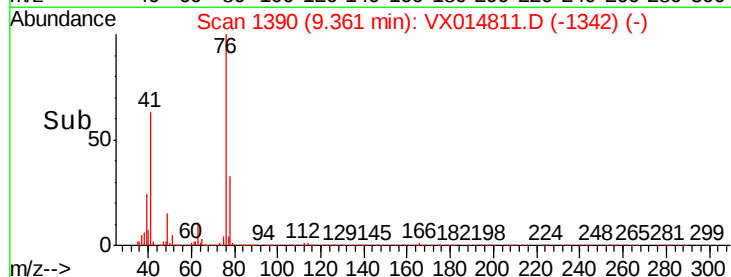
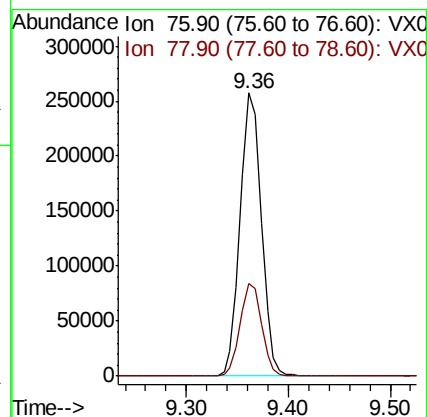
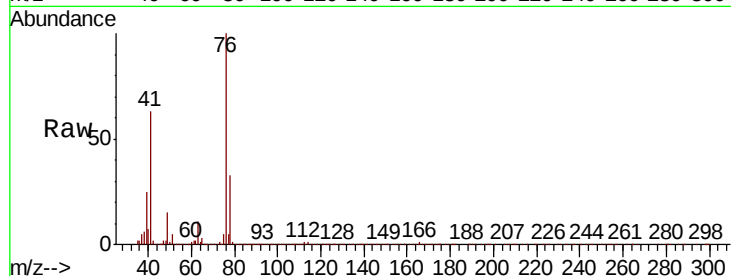
ClientSampled :

Tot Ion: 76 Resp: 371530

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 267.009 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014811.D

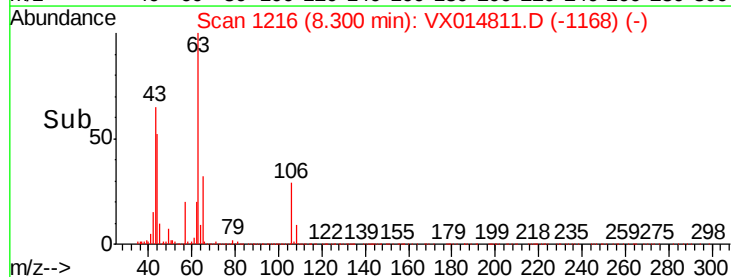
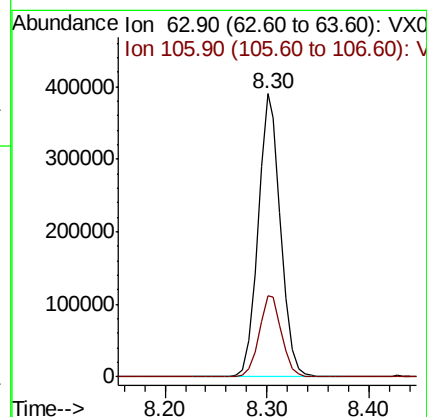
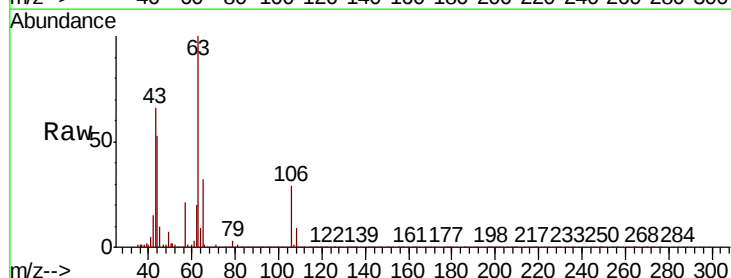
Acq: 05 Feb 2020 09:46

Tgt Ion: 63 Resp: 597587

Ion Ratio Lower Upper

63 100

106 29.1 22.7 34.1

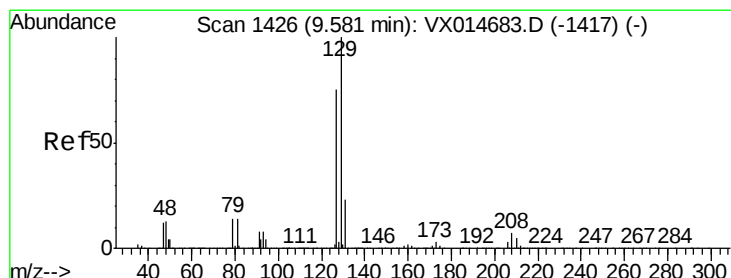
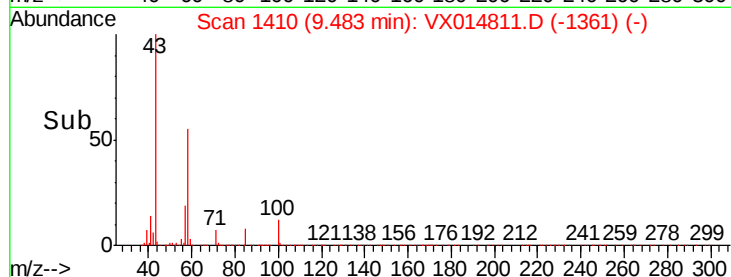
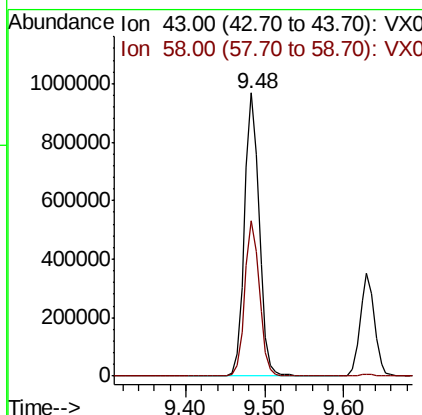
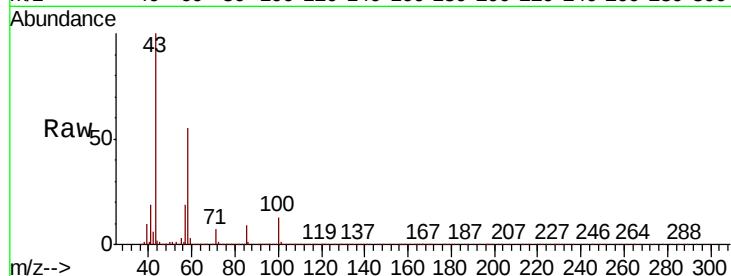




#59
2-Hexanone
Concen: 238.432 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

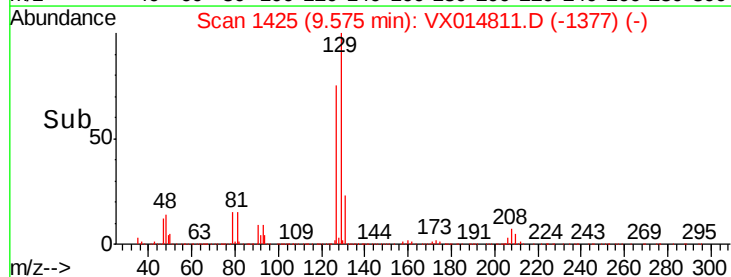
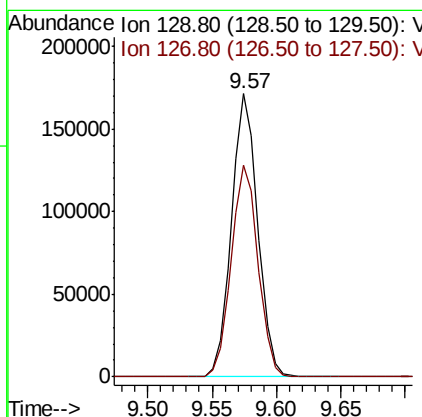
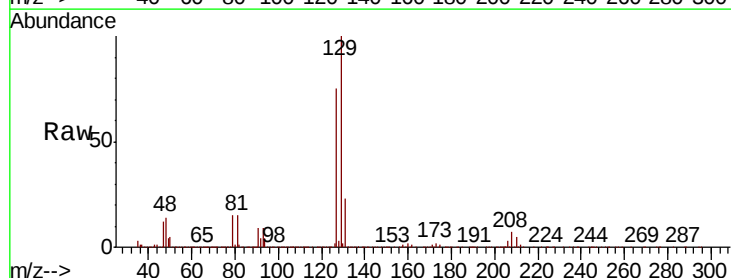
Instrument :
MSVOA_X
ClientSampled :

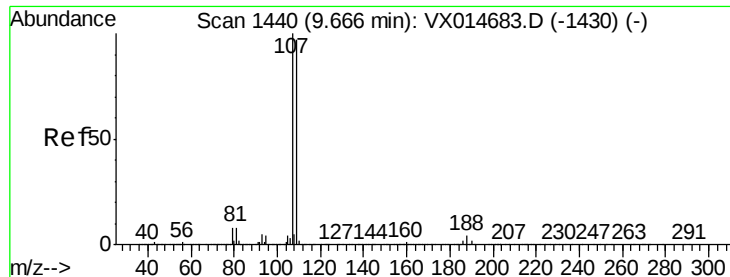
Tot Ion: 43 Resp: 1253413
Ion Ratio Lower Upper
43 100
58 54.5 27.2 81.5



#60
Dibromochloromethane
Concen: 52.365 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Tgt Ion: 129 Resp: 243243
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.396 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

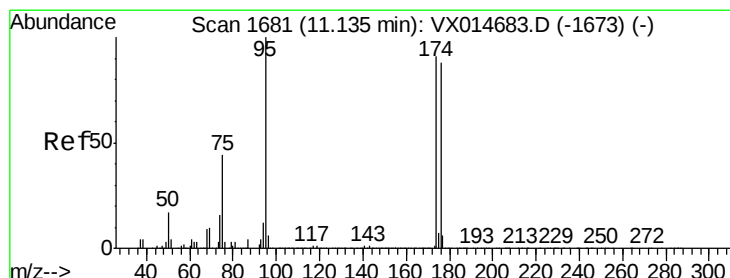
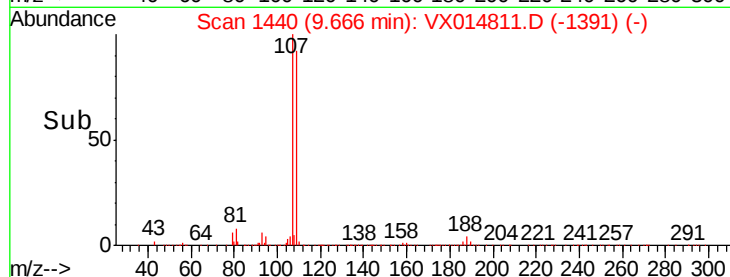
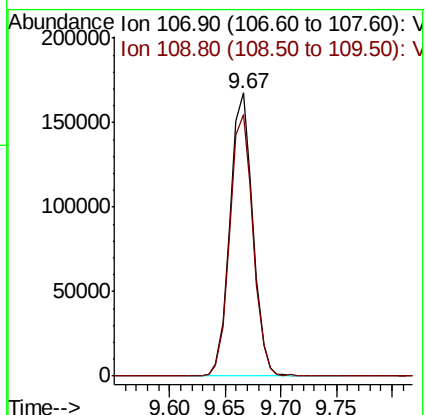
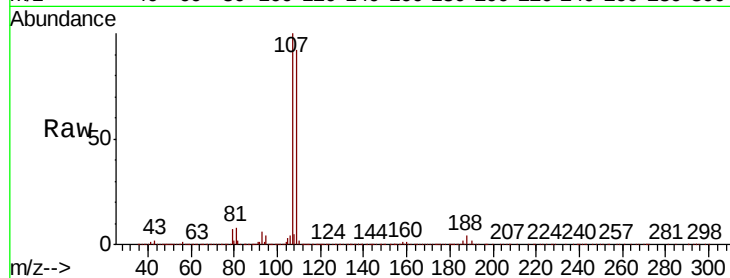
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 237125

Ion Ratio Lower Upper

107 100

109 94.5 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 47.807 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

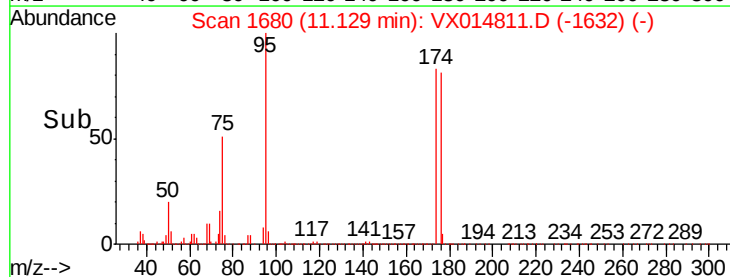
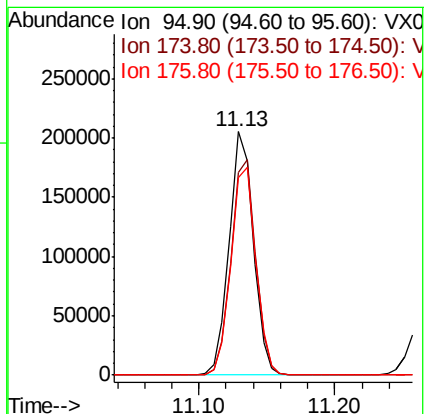
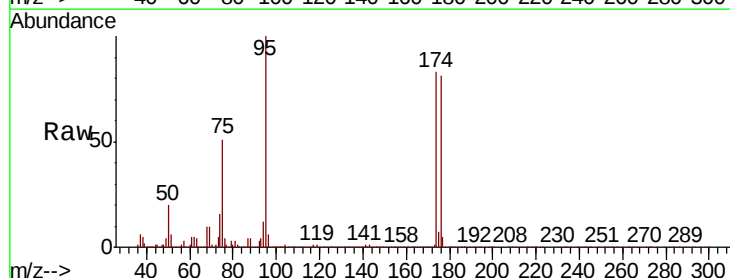
Tgt Ion: 95 Resp: 254434

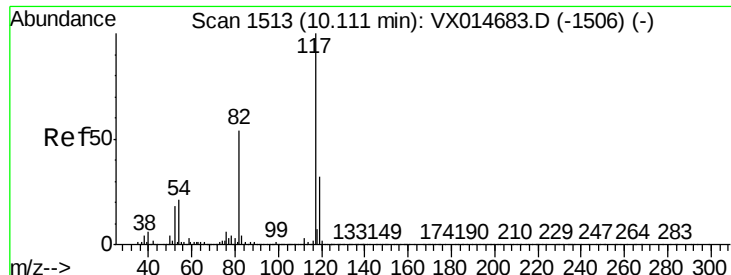
Ion Ratio Lower Upper

95 100

174 90.4 0.0 176.0

176 88.4 0.0 172.2

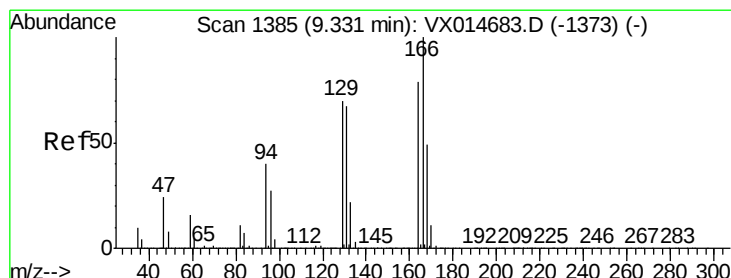
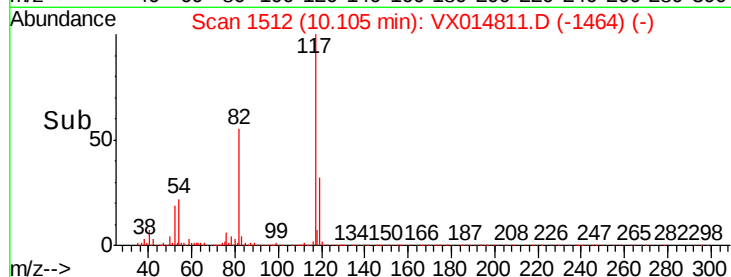
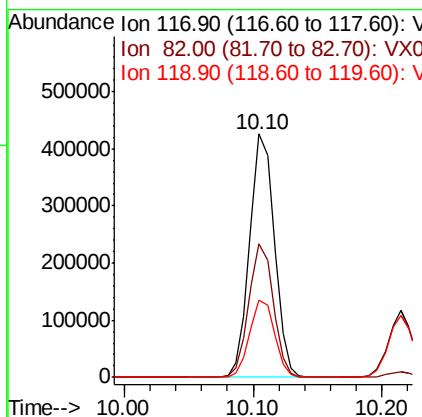
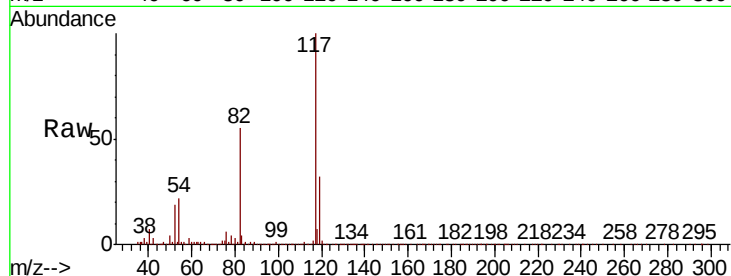




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

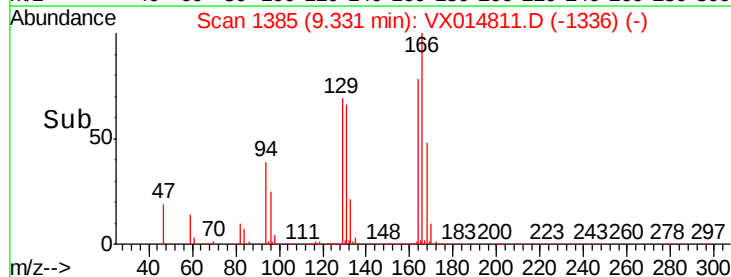
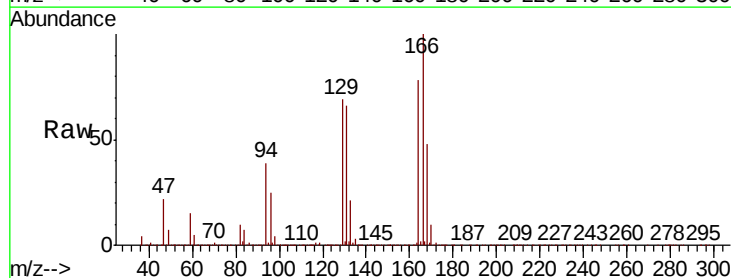
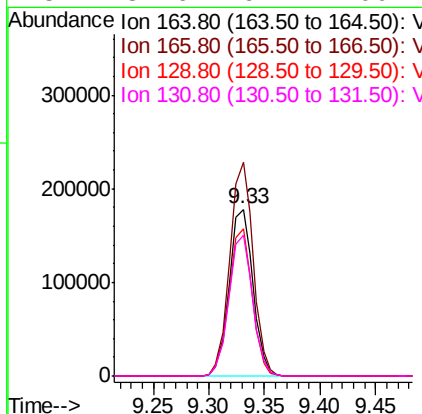
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.2	64.8
119	31.8	25.8	38.6



#64
Tetrachloroethene
Concen: 47.030 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	100.9	151.3
129	88.7	71.0	106.6
131	84.6	67.1	100.7





#65

Chlorobenzene

Concen: 49.203 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

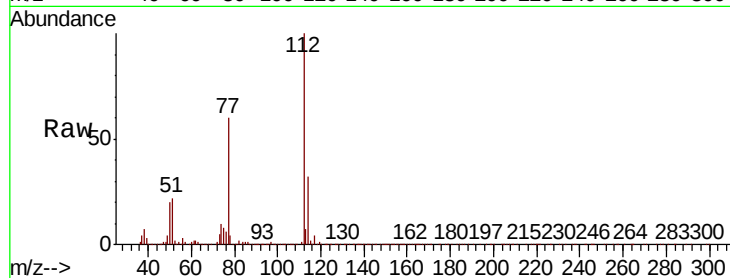
ClientSampleId :

Tot Ion:112 Resp: 593840

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

500000

400000

300000

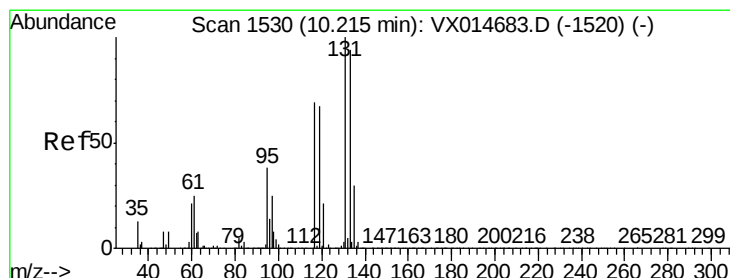
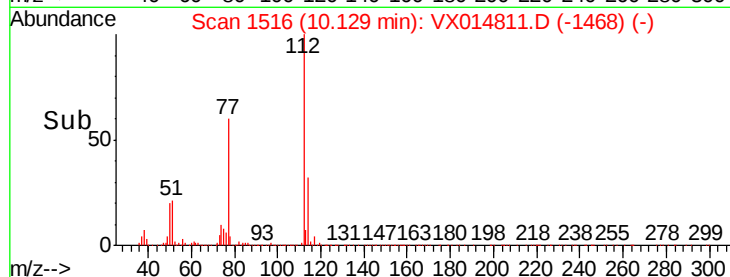
200000

100000

0

10.10 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.635 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

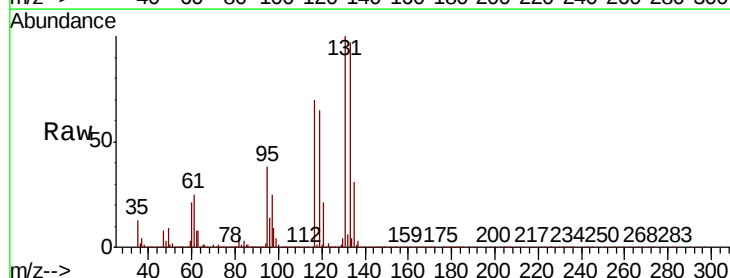
Tgt Ion:131 Resp: 225325

Ion Ratio Lower Upper

131 100

133 95.6 47.4 142.3

119 64.9 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

150000

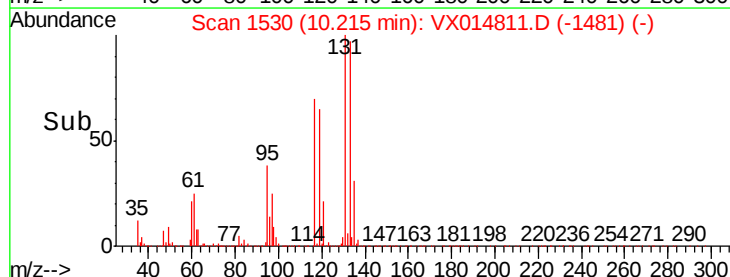
100000

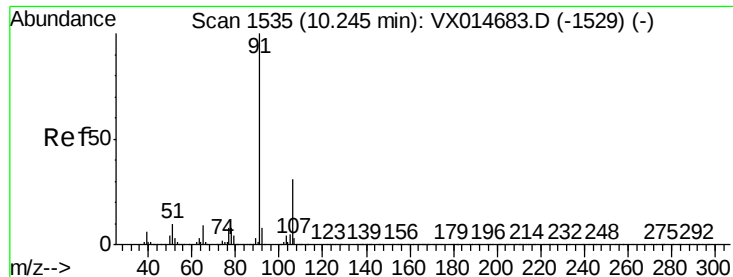
50000

0

10.20 10.30

Time-->





#67

Ethyl Benzene

Concen: 51.201 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

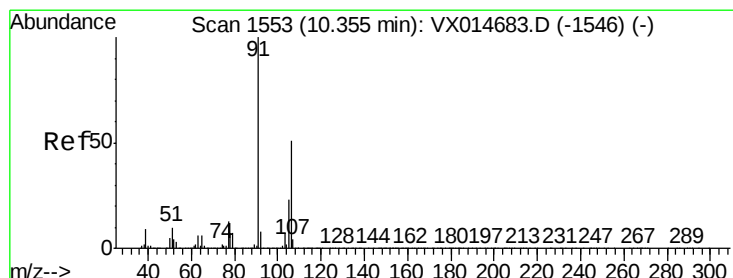
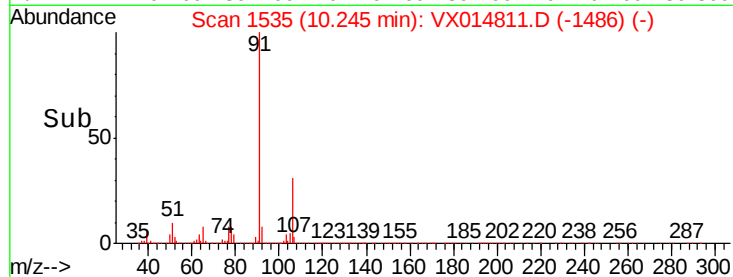
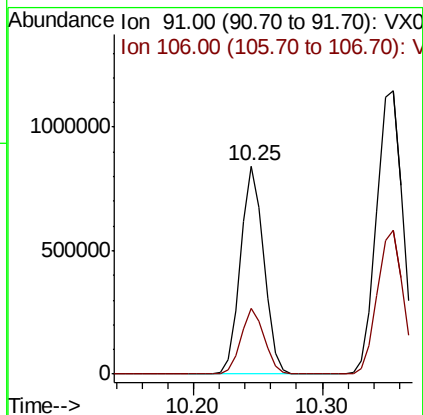
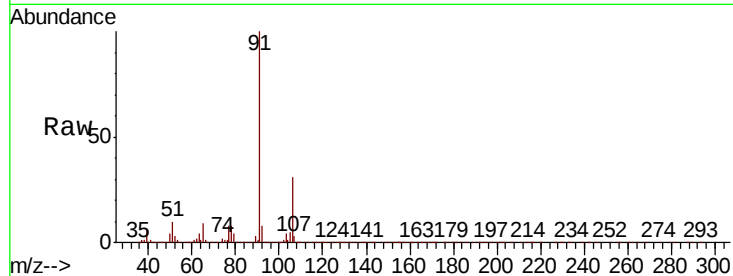
ClientSampleId :

Tot Ion: 91 Resp: 1055141

Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3



#68

m/p-Xylenes

Concen: 102.532 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014811.D

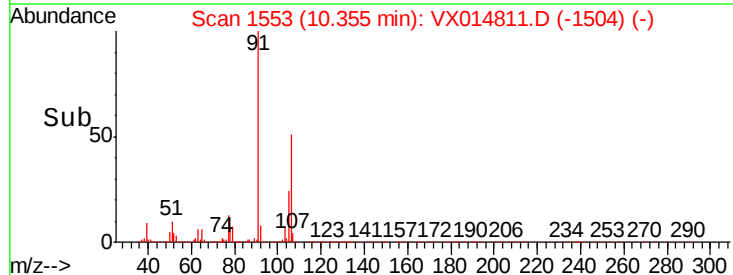
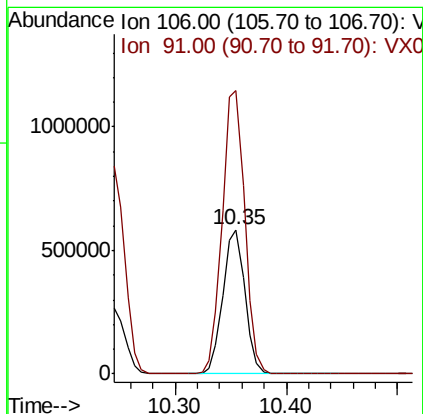
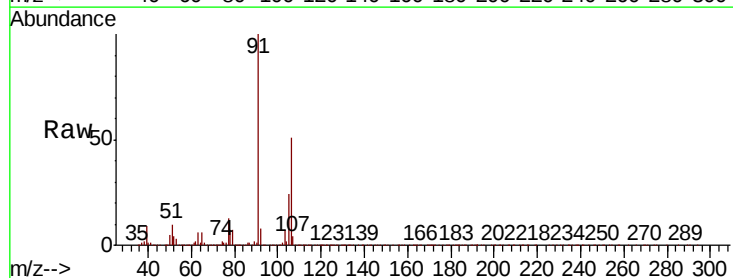
Acq: 05 Feb 2020 09:46

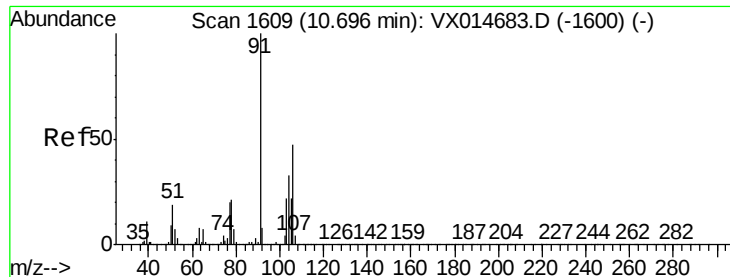
Tgt Ion: 106 Resp: 800489

Ion Ratio Lower Upper

106 100

91 201.6 159.4 239.2

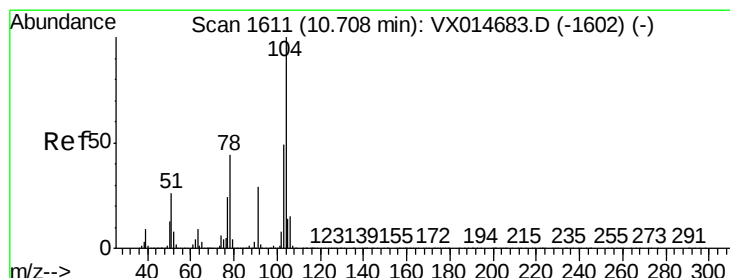
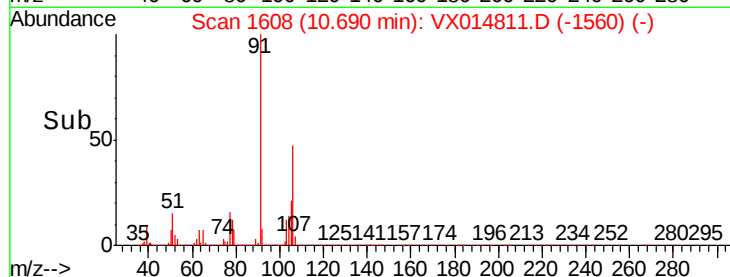
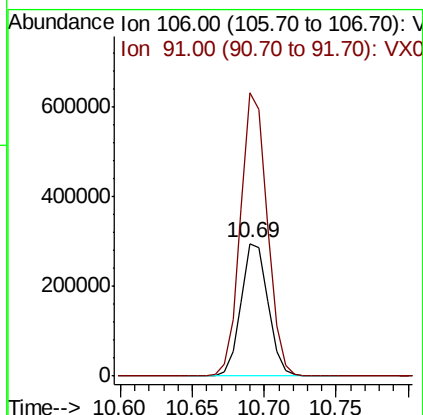
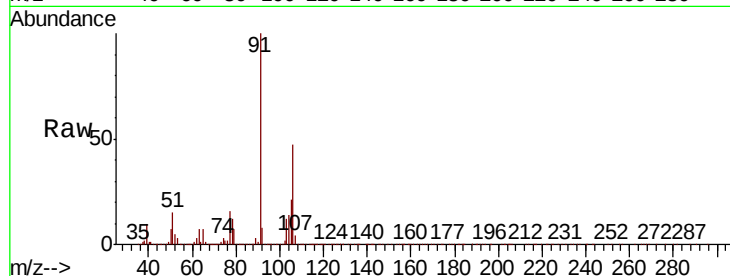




#69
o-Xylene
Concen: 51.056 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

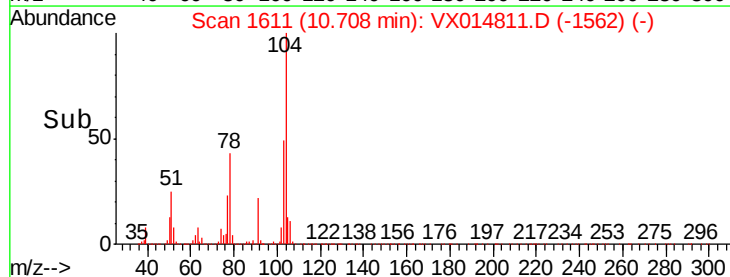
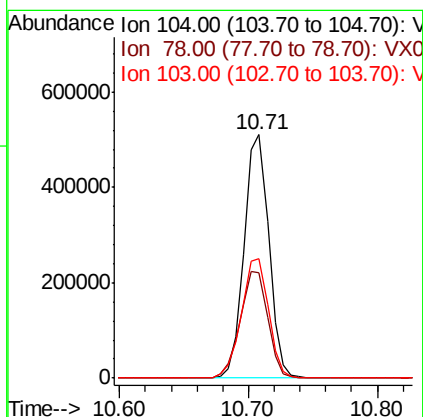
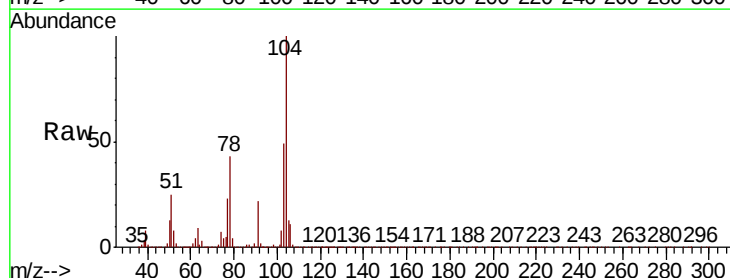
Instrument :
MSVOA_X
ClientSampleId :

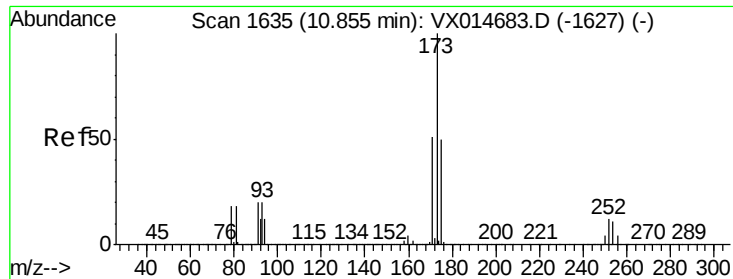
Tot Ion:106 Resp: 384813
Ion Ratio Lower Upper
106 100
91 211.8 106.2 318.6



#70
Styrene
Concen: 53.366 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Tgt Ion:104 Resp: 674722
Ion Ratio Lower Upper
104 100
78 49.3 39.3 58.9
103 54.2 43.5 65.3

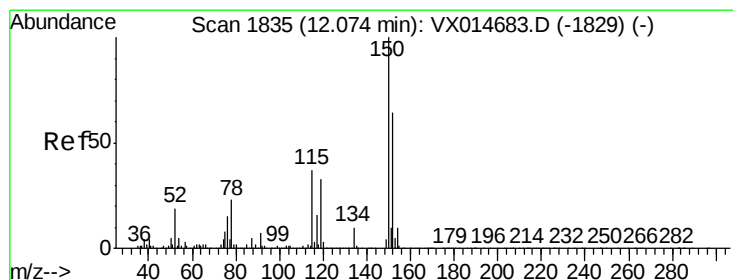
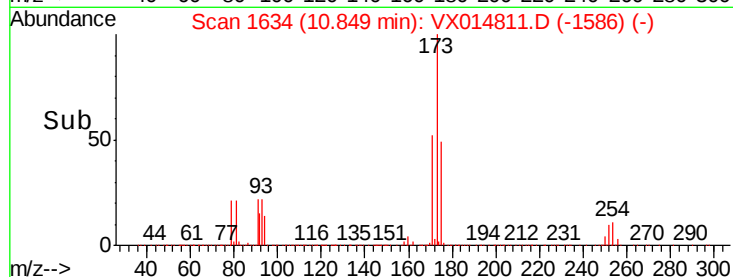
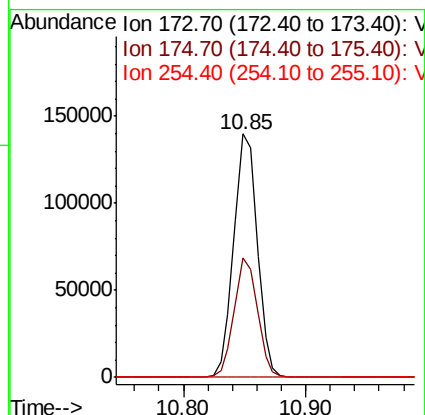
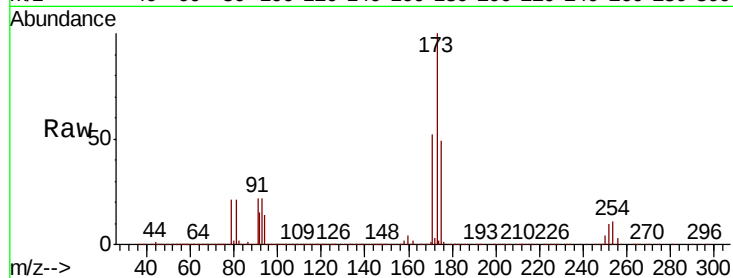




#71
Bromoform
Concen: 52.772 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

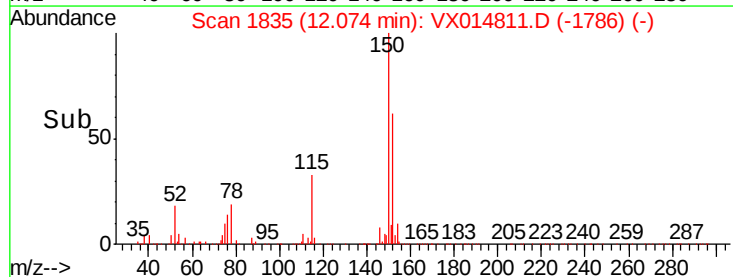
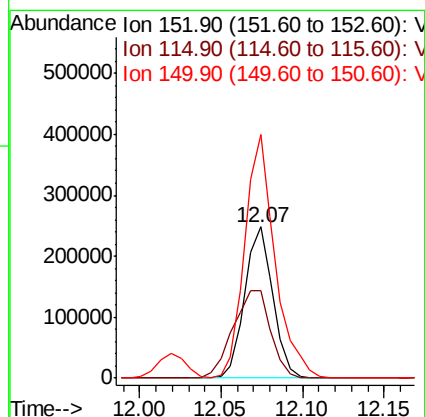
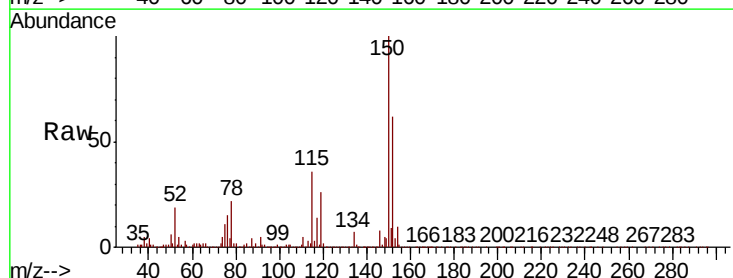
Instrument :
MSVOA_X
ClientSampleId :

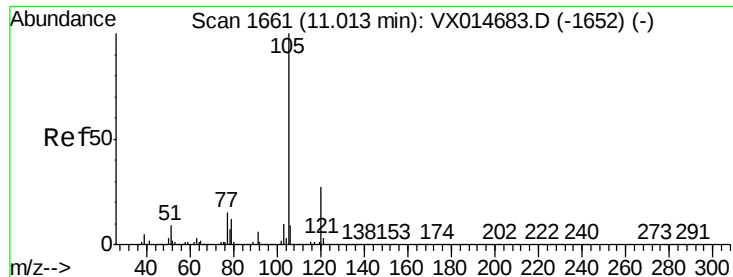
Tot Ion:173 Resp: 186751
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.3 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Tgt Ion:152 Resp: 298438
Ion Ratio Lower Upper
152 100
115 77.8 39.4 118.1
150 173.3 0.0 351.2

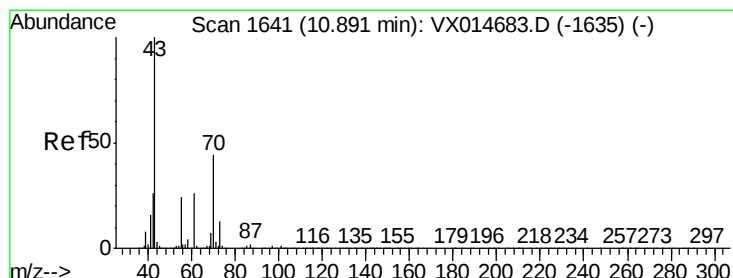
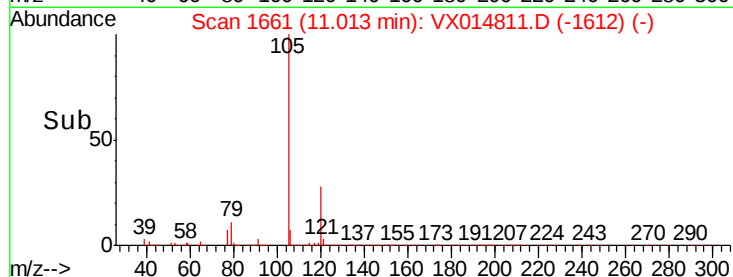
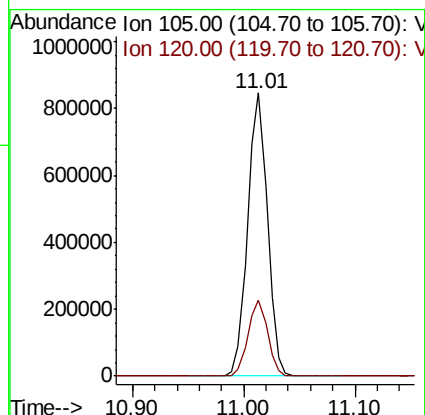
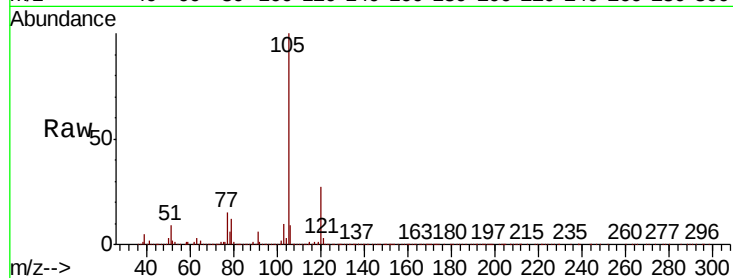




#73
Isopropylbenzene
Concen: 49.682 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

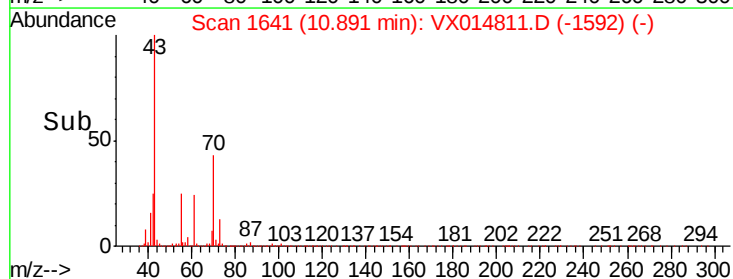
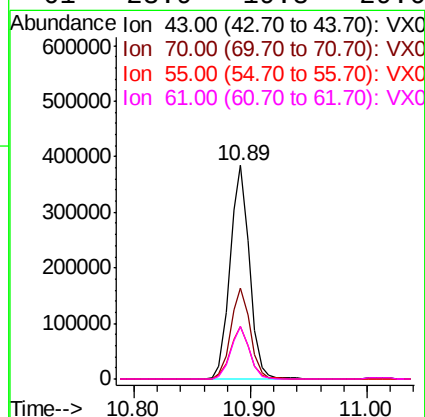
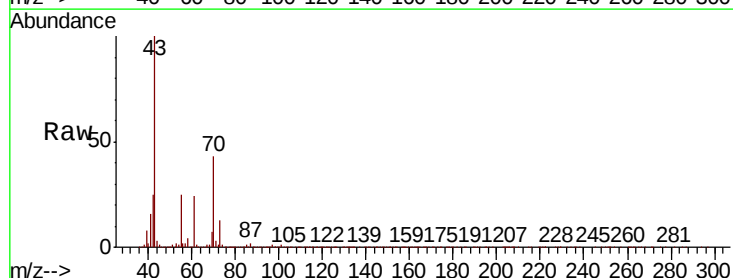
Instrument :
MSVOA_X
ClientSampled :

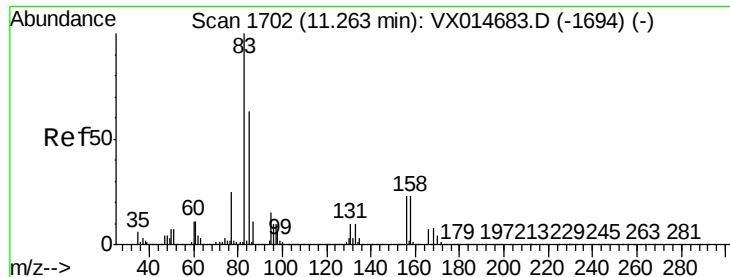
Tot Ion:105 Resp: 1042547
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.5



#74
N-ethyl acetate
Concen: 47.916 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Tgt Ion: 43 Resp: 440610
Ion Ratio Lower Upper
43 100
70 42.9 34.6 52.0
55 24.5 19.4 29.2
61 23.9 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.539 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

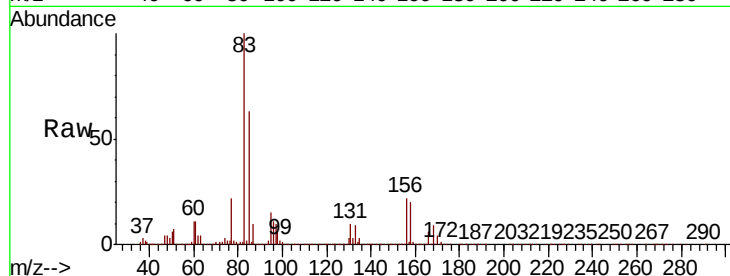
Tot Ion: 83 Resp: 333705

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

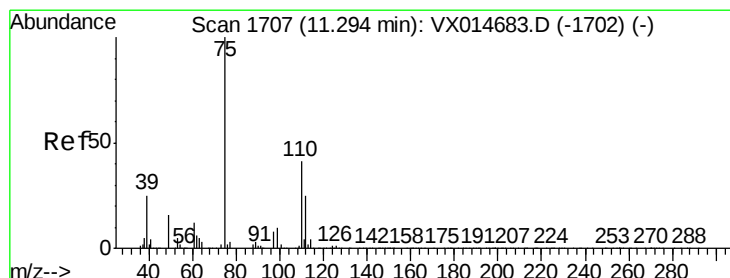
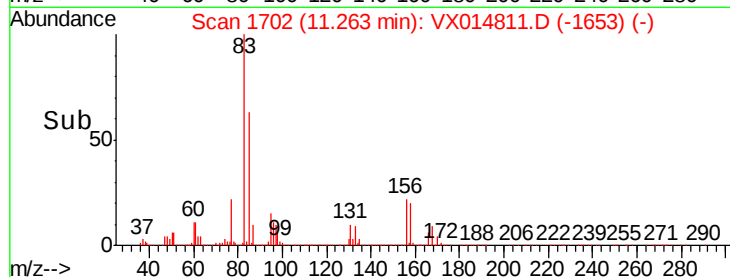
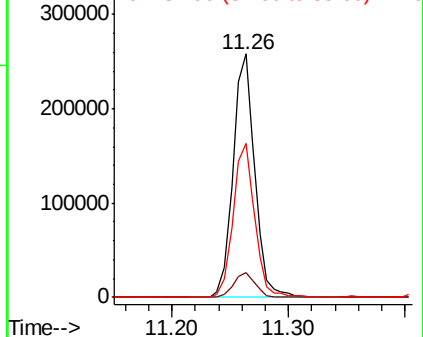
85 63.4 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.275 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014811.D

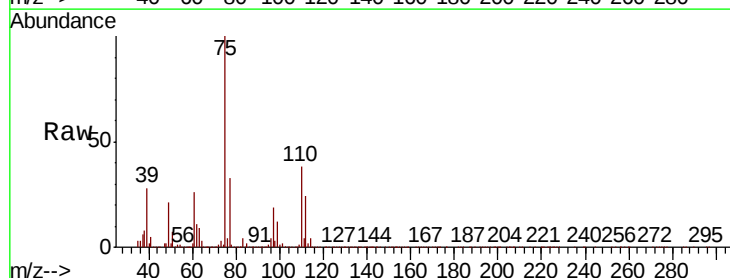
Acq: 05 Feb 2020 09:46

Tgt Ion: 75 Resp: 390735

Ion Ratio Lower Upper

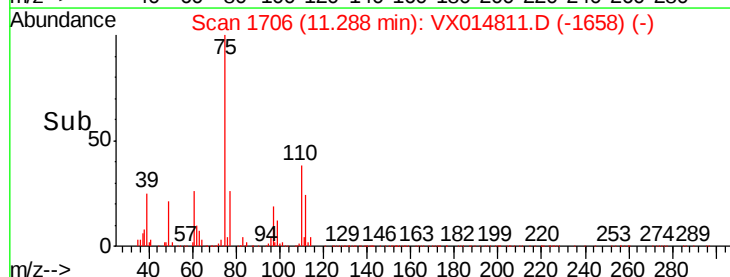
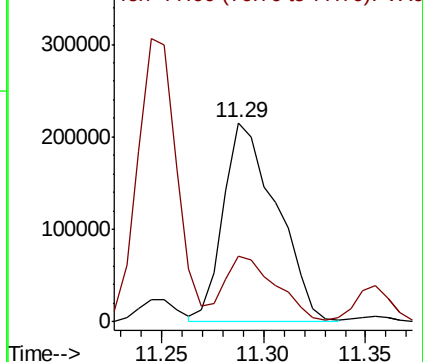
75 100

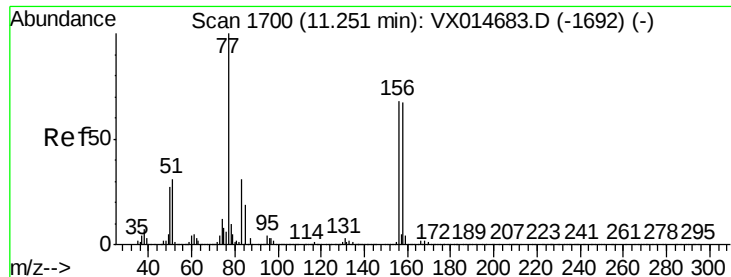
77 32.4 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.650 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

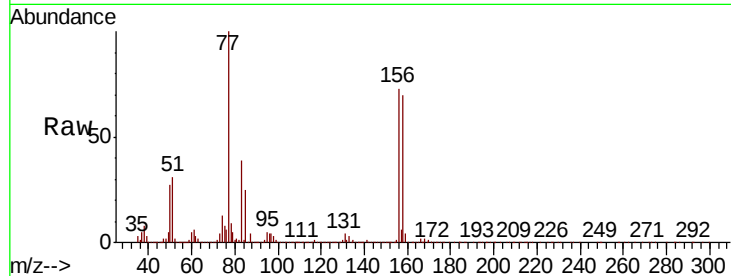
Tot Ion:156 Resp: 274256

Ion Ratio Lower Upper

156 100

77 146.8 77.5 232.5

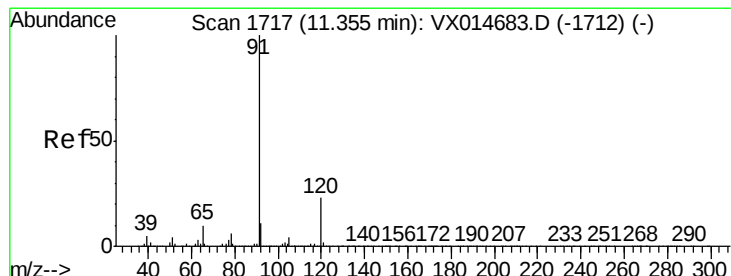
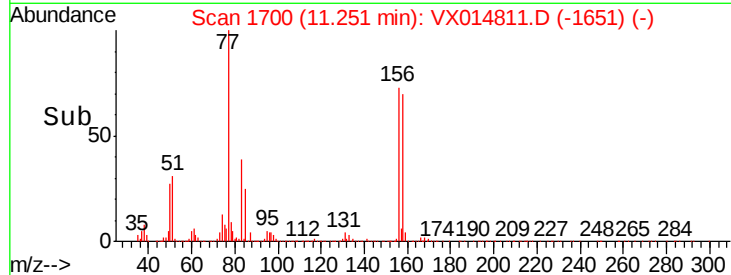
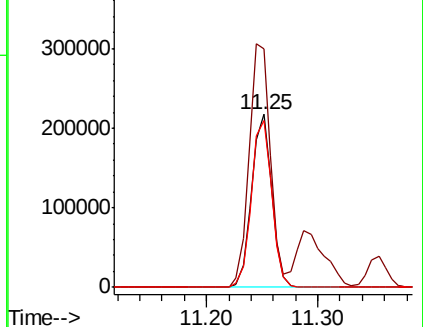
158 97.7 49.1 147.3



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: 50.456 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014811.D

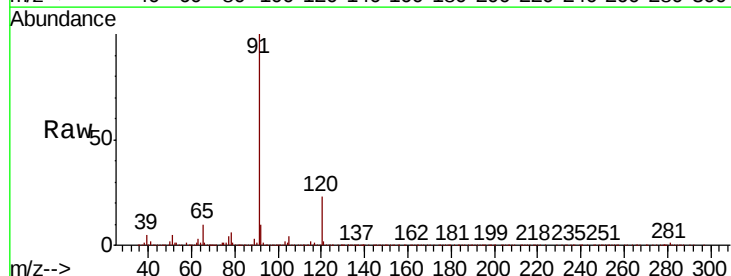
Acq: 05 Feb 2020 09:46

Tgt Ion: 91 Resp: 1201822

Ion Ratio Lower Upper

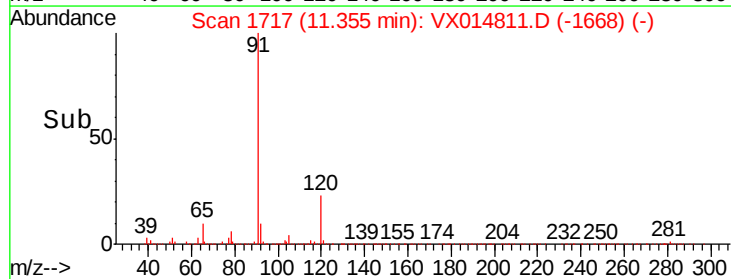
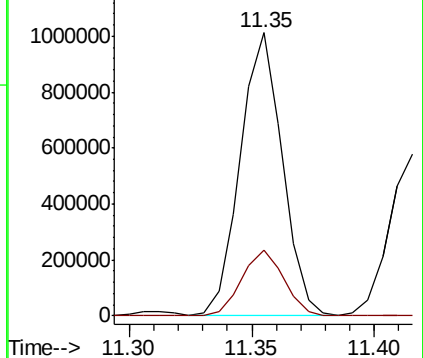
91 100

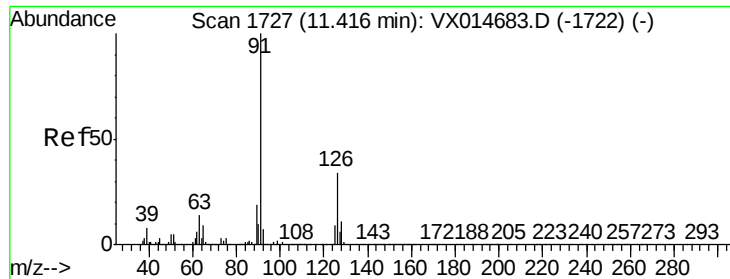
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

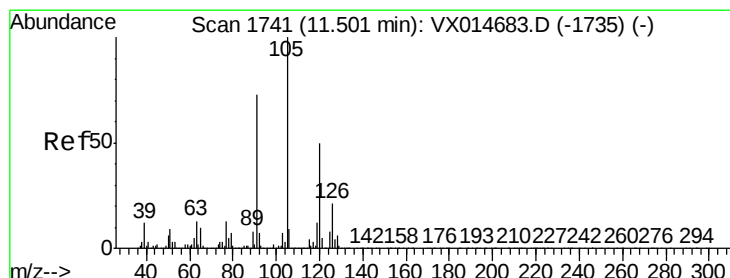
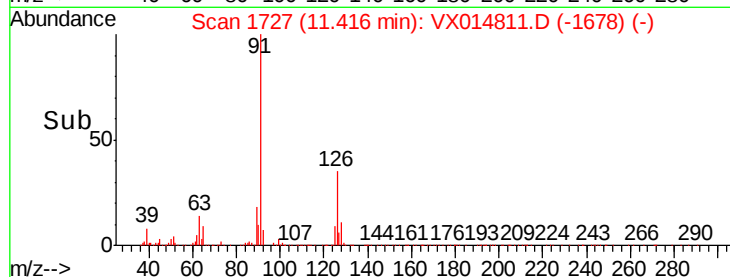
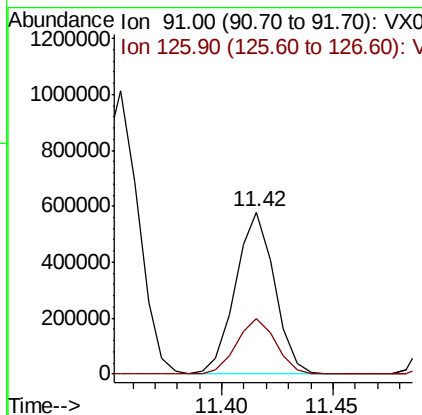
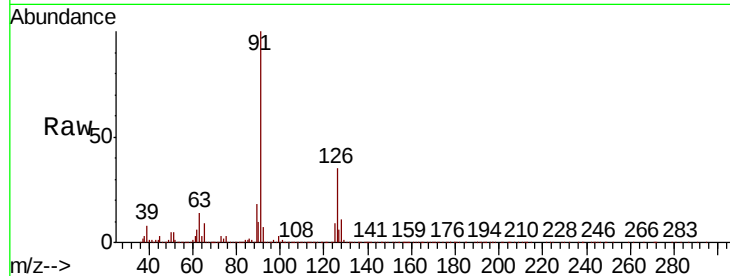




#79
2-Chlorotoluene
Concen: 49.059 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

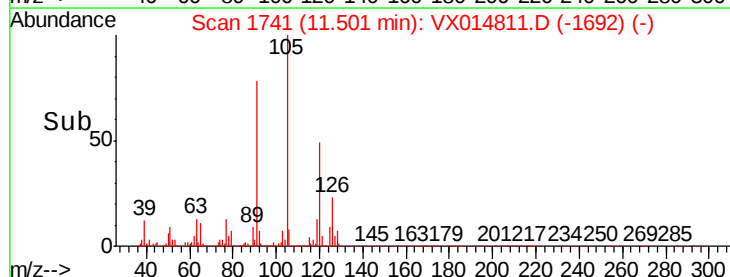
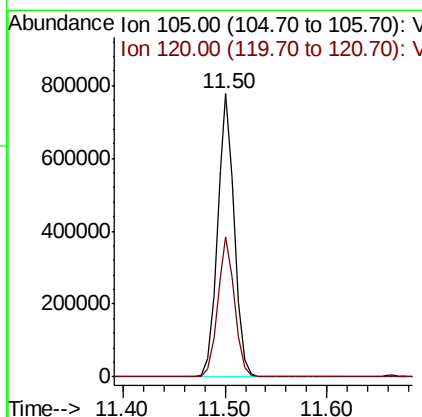
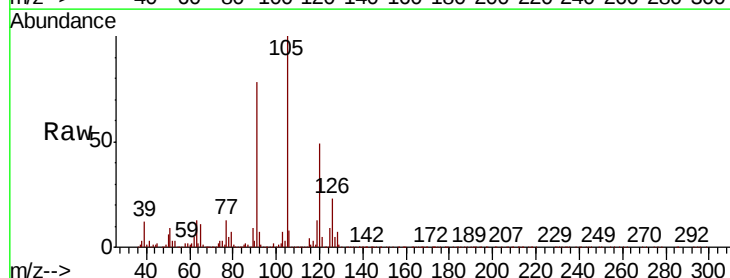
Instrument :
MSVOA_X
ClientSampled :

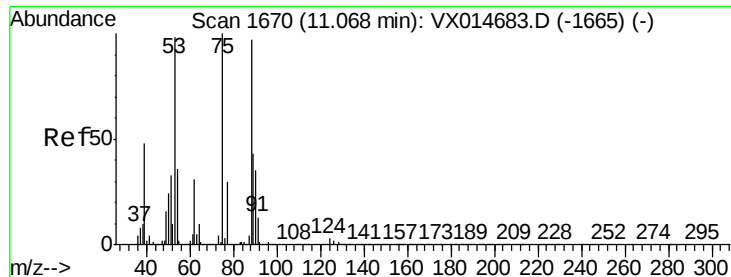
Tot Ion: 91 Resp: 707031
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 51.252 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Tgt Ion: 105 Resp: 892617
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 46.220 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

ClientSampled :

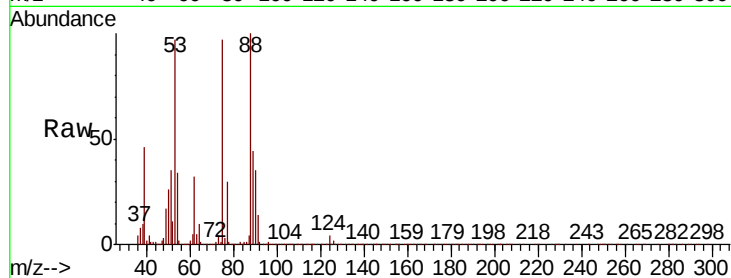
Tot Ion: 75 Resp: 112770

Ion Ratio Lower Upper

75 100

53 99.9 78.8 118.2

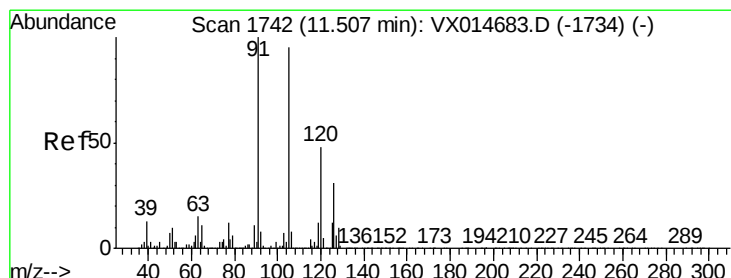
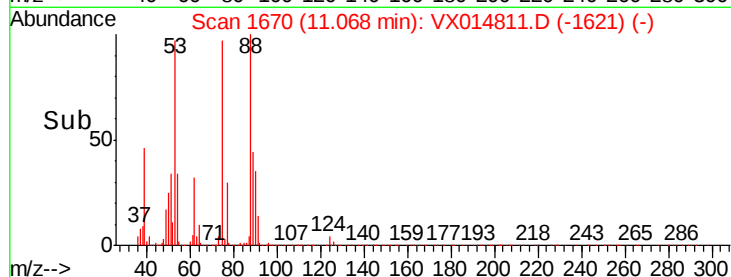
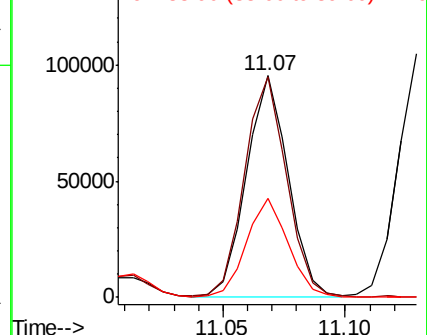
89 45.0 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.158 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014811.D

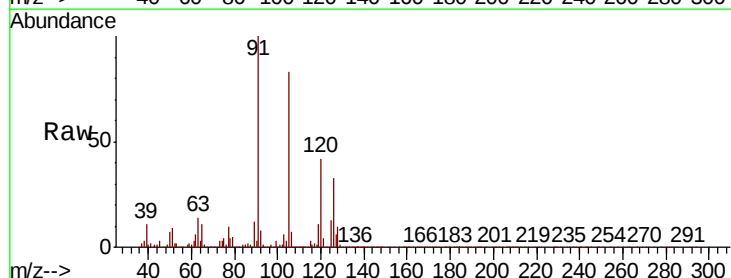
Acq: 05 Feb 2020 09:46

Tgt Ion: 91 Resp: 822960

Ion Ratio Lower Upper

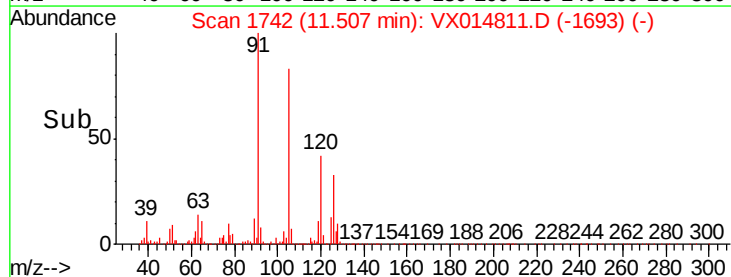
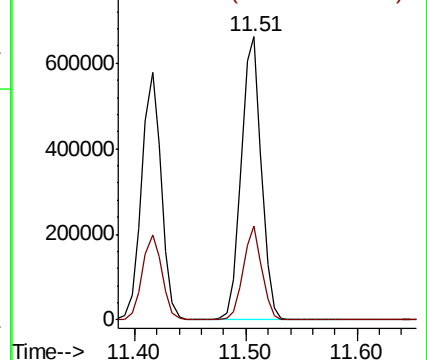
91 100

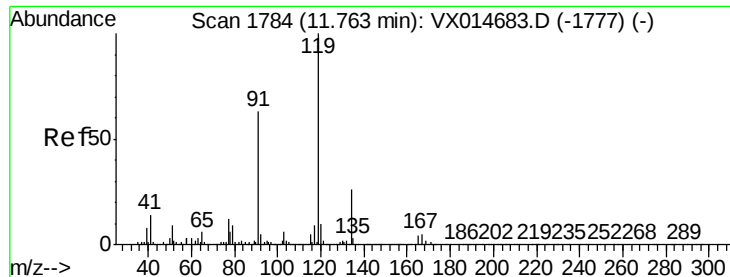
126 30.9 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.882 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

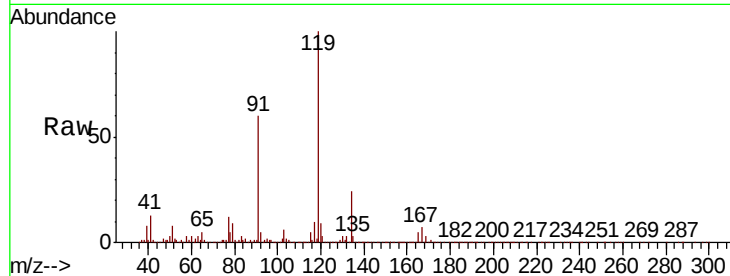
Tot Ion:119 Resp: 832713

Ion Ratio Lower Upper

119 100

91 58.4 30.0 90.0

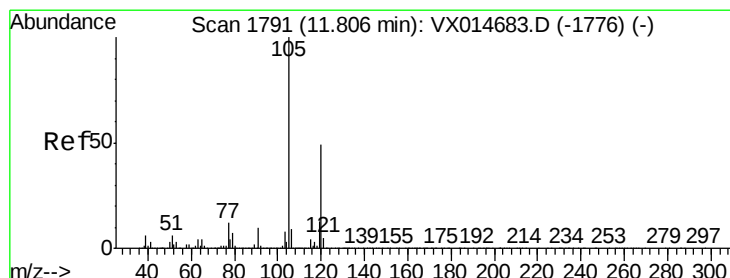
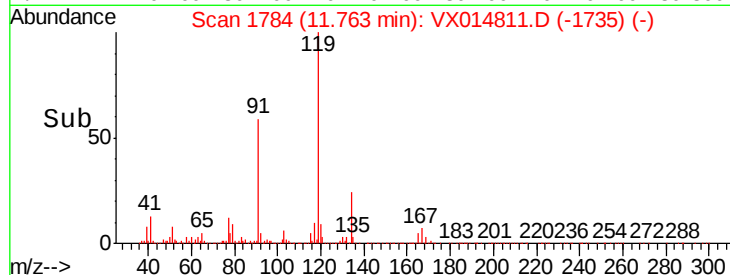
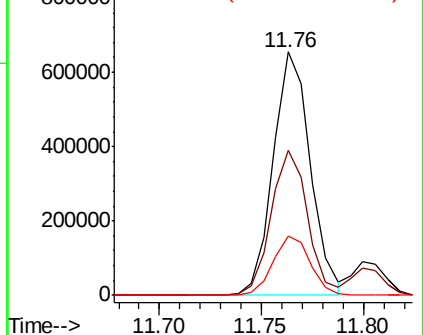
134 24.5 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.983 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014811.D

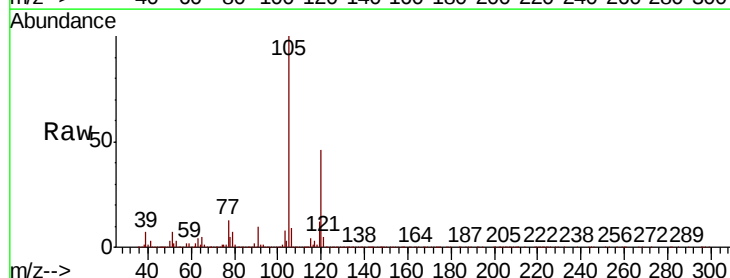
Acq: 05 Feb 2020 09:46

Tgt Ion:105 Resp: 890625

Ion Ratio Lower Upper

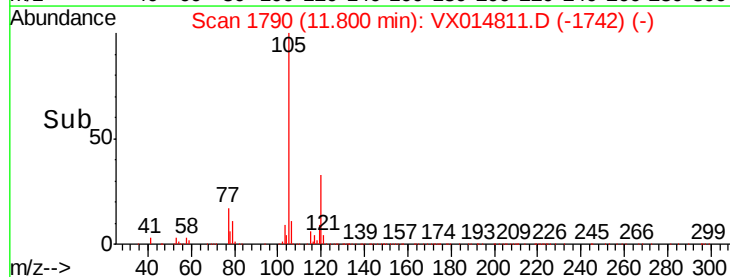
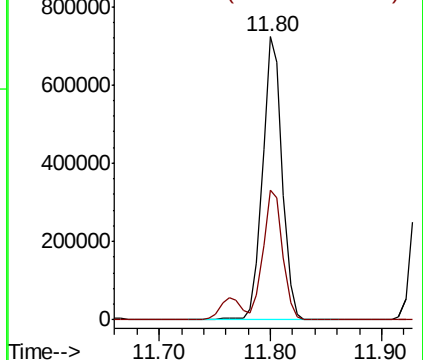
105 100

120 45.5 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.126 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

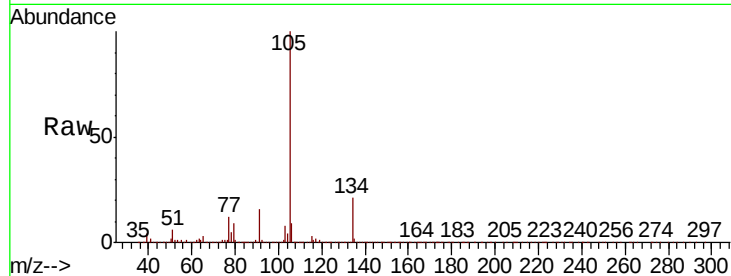
ClientSampleId :

Tot Ion:105 Resp: 1025015

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

800000

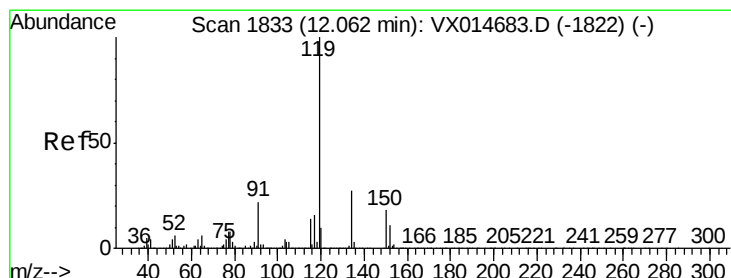
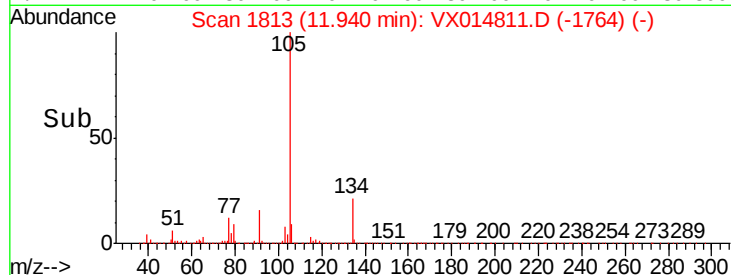
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.152 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

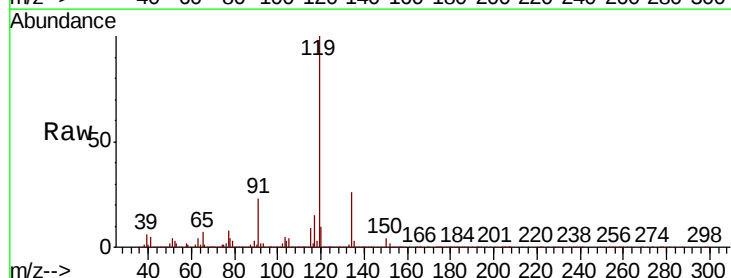
Tgt Ion:119 Resp: 966281

Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

91 22.6 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): VX0

12.06

1000000

800000

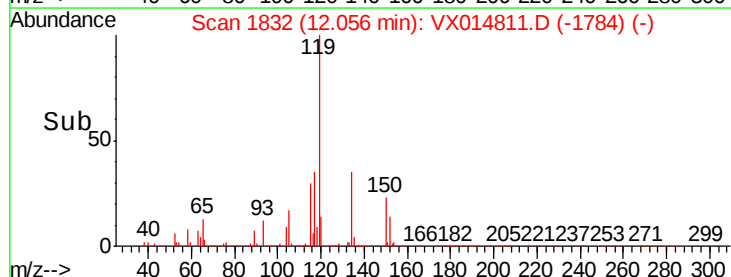
600000

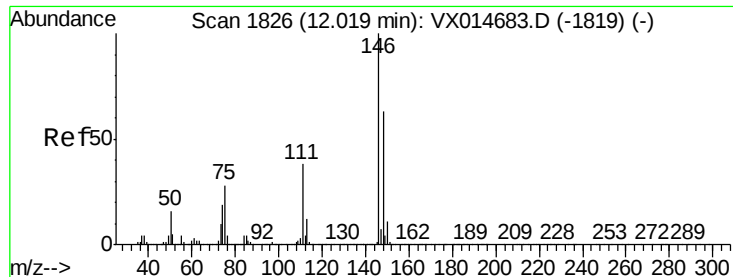
400000

200000

0

Time-->

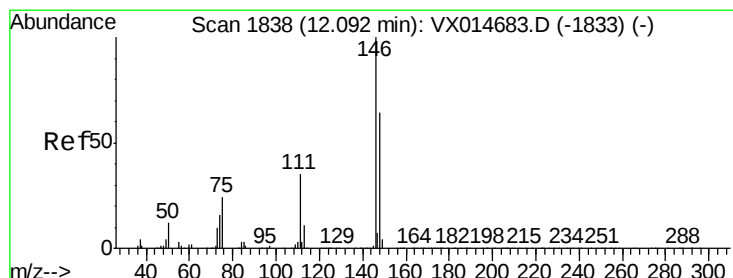
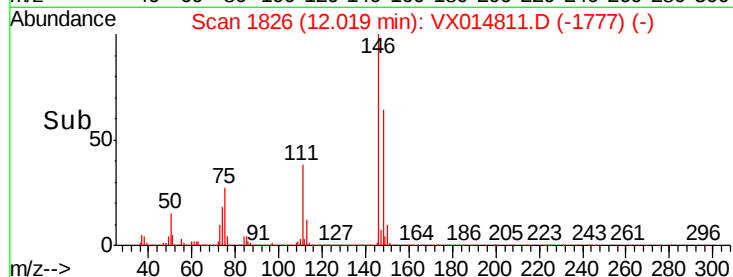
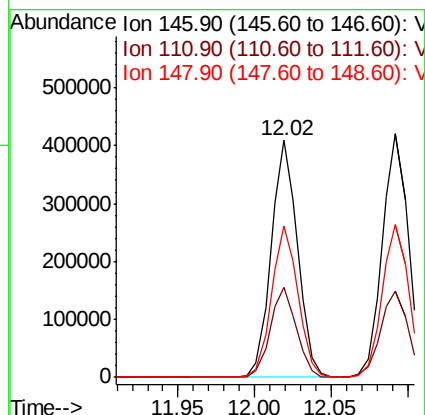
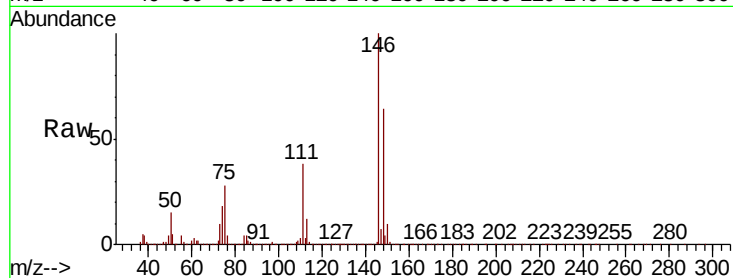




#87
 1,3-Dichlorobenzene
 Concen: 48.493 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014811.D
 Acq: 05 Feb 2020 09:46

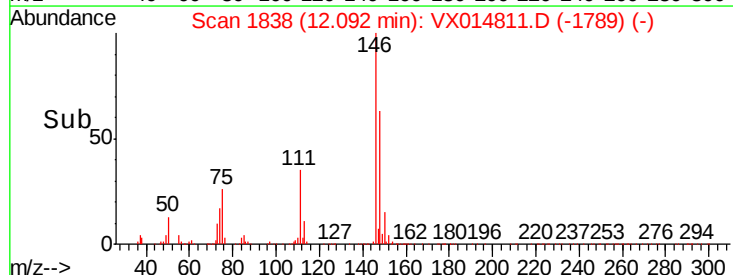
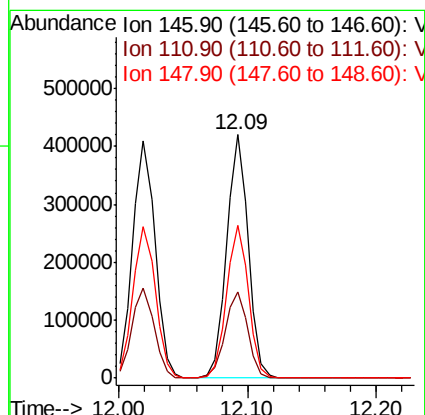
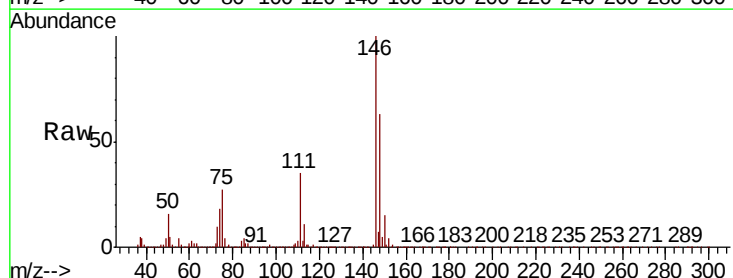
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 491292
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.0 57.0
 148 64.0 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 49.042 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014811.D
 Acq: 05 Feb 2020 09:46

Tgt Ion:146 Resp: 497704
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 63.4 32.0 96.2





#89

n-Butylbenzene

Concen: 51.828 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

ClientSampled :

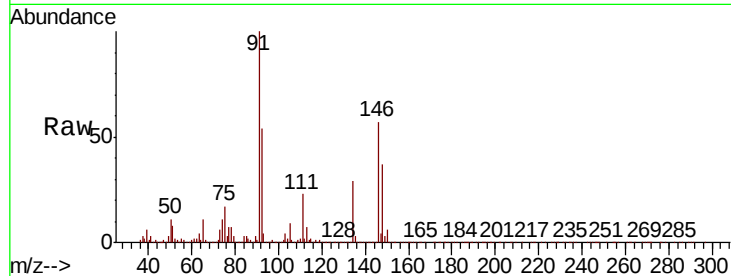
Tot Ion: 91 Resp: 836353

Ion Ratio Lower Upper

91 100

92 54.4 27.6 82.7

134 27.0 13.3 39.8

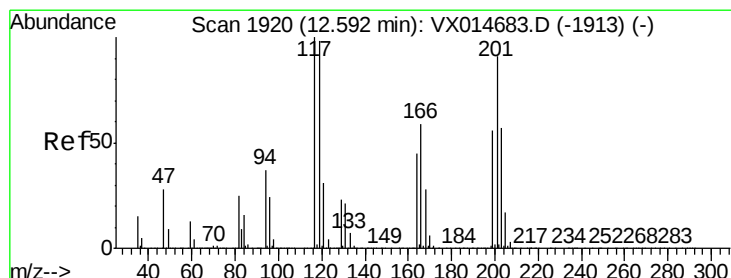
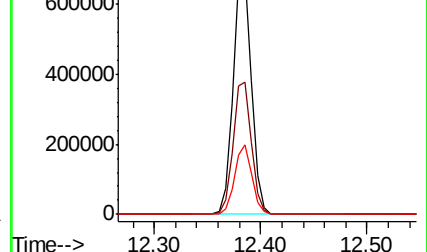
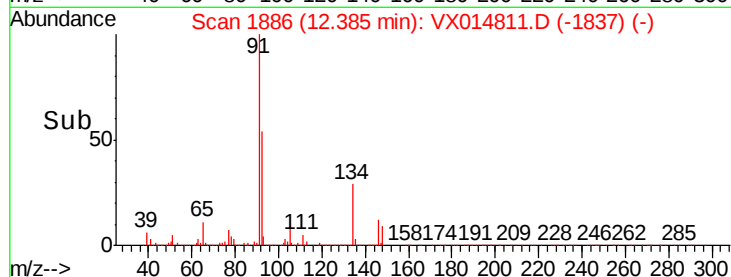


Abundance Ion 91.00 (90.70 to 91.70): VX014683.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX014683.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX014683.D (-1879) (-)

Time-->



#90

Hexachloroethane

Concen: 50.059 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014811.D

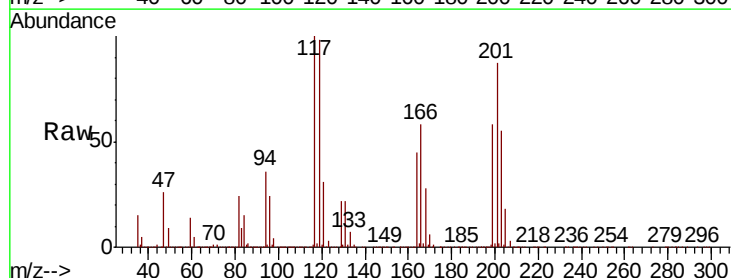
Acq: 05 Feb 2020 09:46

Tgt Ion: 117 Resp: 172277

Ion Ratio Lower Upper

117 100

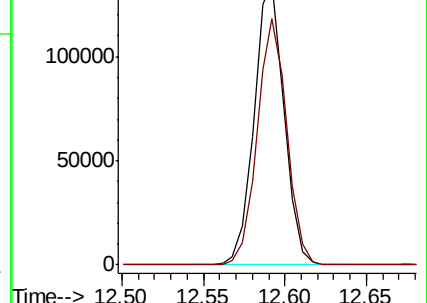
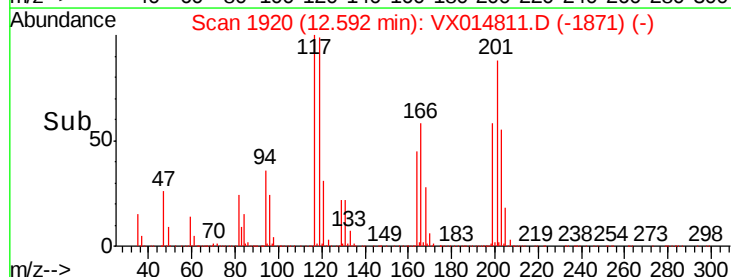
201 86.0 44.4 133.1



Abundance Ion 116.80 (116.50 to 117.50): VX014683.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX014683.D (-1913) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 48.624 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014811.D

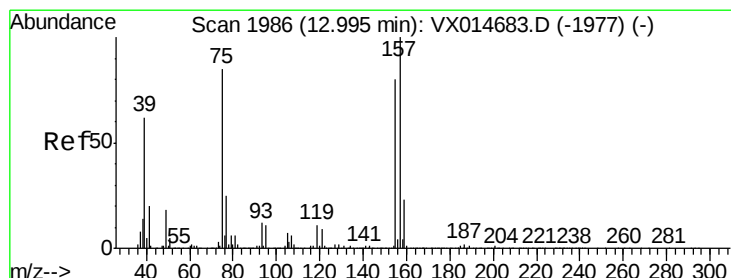
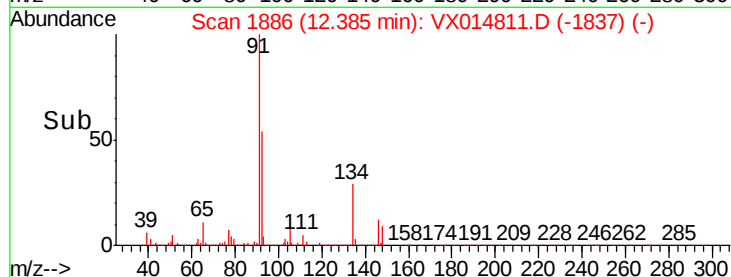
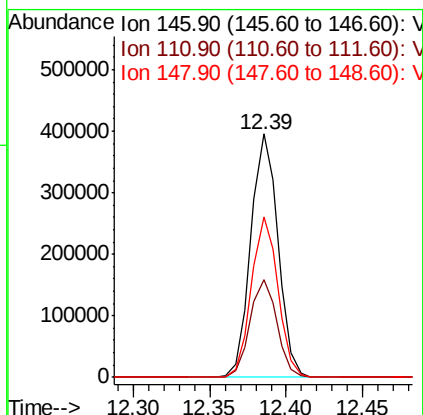
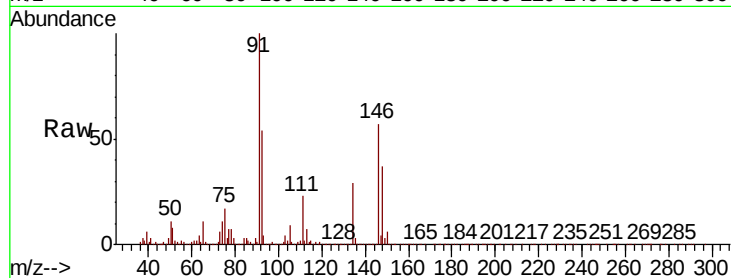
Acq: 05 Feb 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	489275
Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.8
148	64.5	31.9	95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.045 ug/l

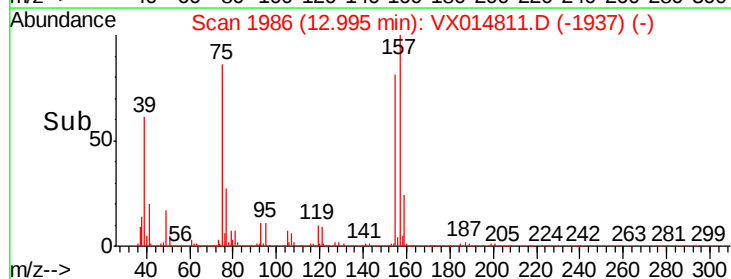
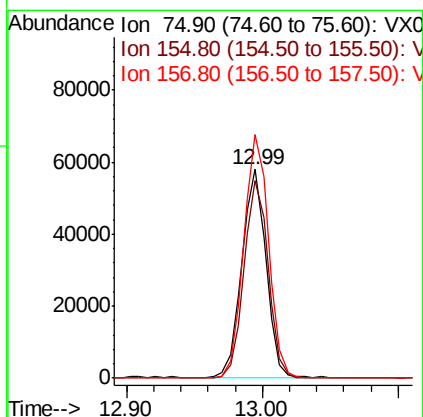
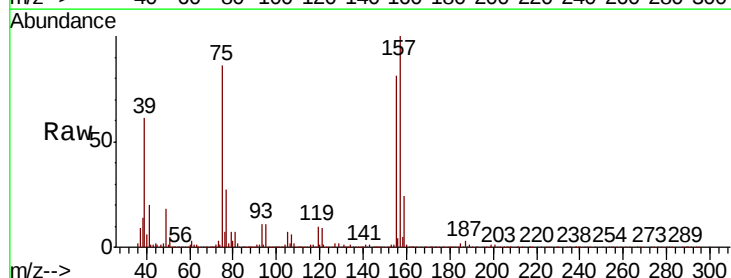
RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014811.D

Acq: 05 Feb 2020 09:46

Tgt Ion:	75	Resp:	72511
Ion	Ratio	Lower	Upper
75	100		
155	94.3	45.6	136.9
157	118.3	60.3	180.9

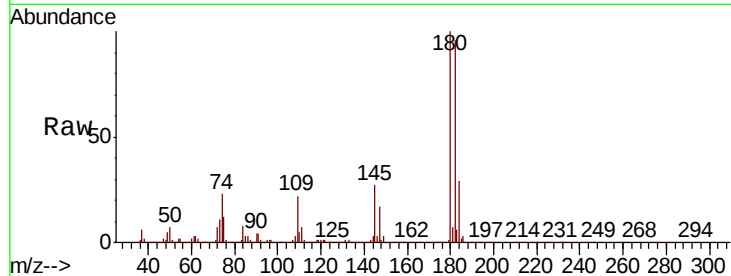




#93
 1,2,4-Trichlorobenzene
 Concen: 53.315 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014811.D
 Acq: 05 Feb 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.5	145.6
145	27.9	14.0	41.9

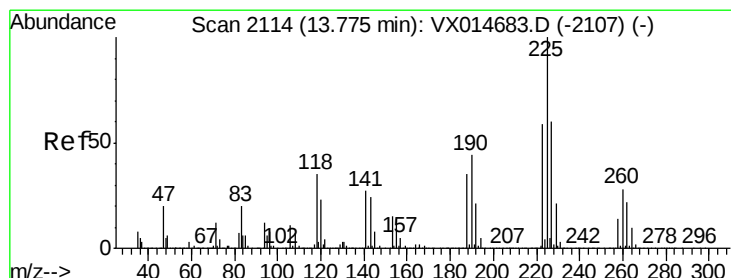
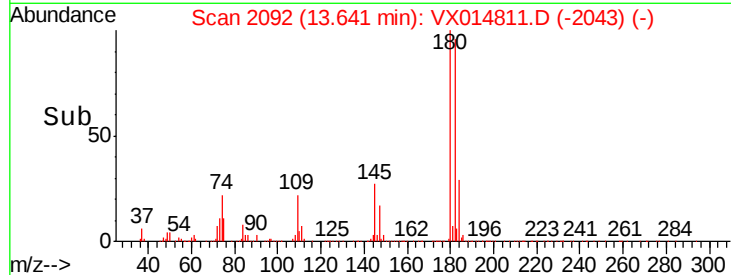
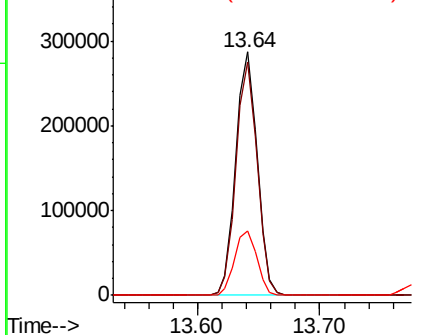


Abundance

Ion 179.80 (179.50 to 180.50): V

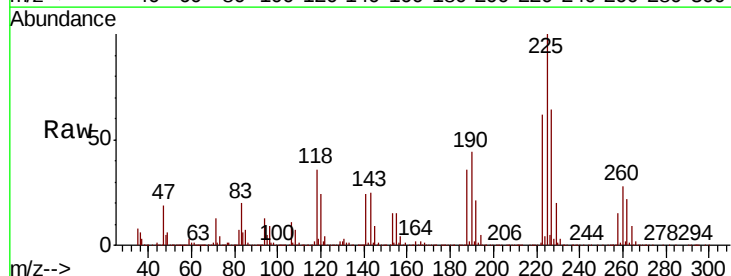
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.324 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014811.D
 Acq: 05 Feb 2020 09:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.6	91.8
227	63.5	31.4	94.0

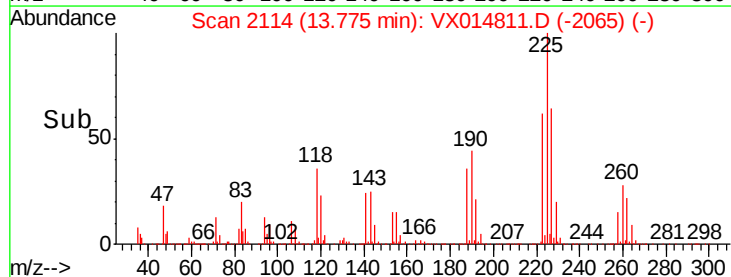
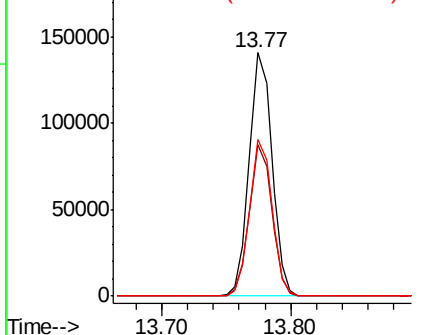


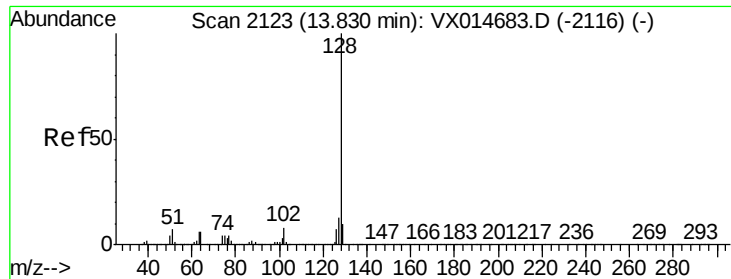
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

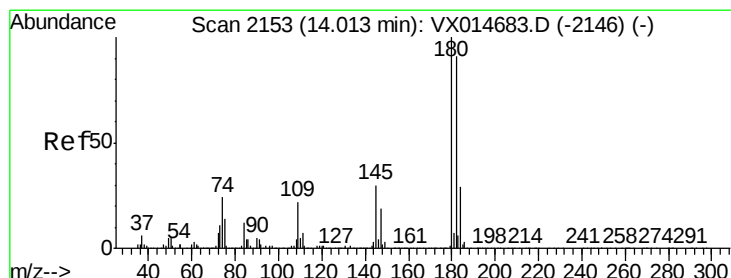
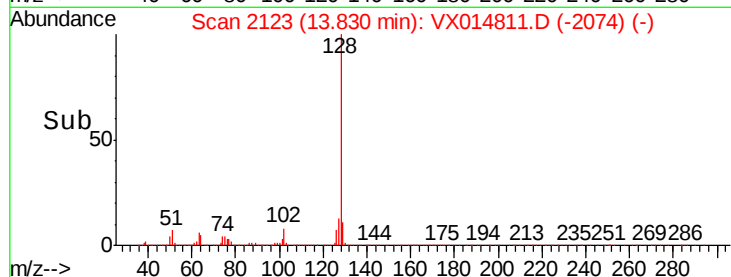
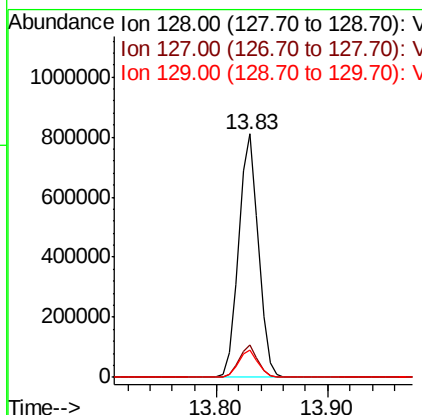
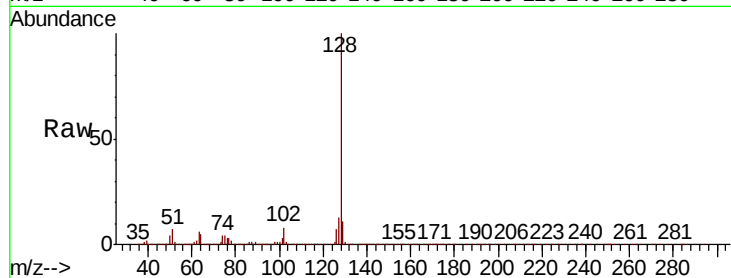




#95
Naphthalene
Concen: 47.290 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.948 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014811.D
Acq: 05 Feb 2020 09:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.6	139.7
145	29.5	14.7	44.1

