

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012020\
 Data File : VX014664.D
 Acq On : 20 Jan 2020 09:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 21 00:29:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	457934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	683169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	617562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317909	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	255086	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
35) Dibromofluoromethane	5.48	113	210133	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
50) Toluene-d8	8.71	98	805192	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.13	95	290749	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	282329	49.660	ug/l	100
3) Chloromethane	1.32	50	296550	50.803	ug/l	100
4) Vinyl Chloride	1.40	62	341776	52.544	ug/l	99
5) Bromomethane	1.63	94	214334	49.711	ug/l	98
6) Chloroethane	1.71	64	181511	51.242	ug/l	96
7) Trichlorofluoromethane	1.92	101	372741	50.517	ug/l	99
8) Diethyl Ether	2.18	74	164036	48.729	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	227663	50.716	ug/l	98
10) Methyl Iodide	2.50	142	294629	54.812	ug/l	100
11) Tert butyl alcohol	3.03	59	255109	239.001	ug/l	99
12) 1,1-Dichloroethene	2.36	96	221554	48.986	ug/l	98
13) Acrolein	2.28	56	256321	299.599	ug/l	100
14) Allyl chloride	2.72	41	411806	51.861	ug/l	99
15) Acrylonitrile	3.12	53	668991	259.682	ug/l	99
16) Acetone	2.43	43	701363	274.029	ug/l	98
17) Carbon Disulfide	2.56	76	583759	46.258	ug/l	98
18) Methyl Acetate	2.76	43	409815	55.776	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	769196	52.979	ug/l	99
20) Methylene Chloride	2.84	84	254273	49.443	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	238539	48.311	ug/l	99
22) Diisopropyl ether	3.84	45	845153	55.075	ug/l	97
23) Vinyl Acetate	3.80	43	3308005	278.436	ug/l	100
24) 1,1-Dichloroethane	3.69	63	444336	53.228	ug/l	100
25) 2-Butanone	4.65	43	1028516	269.343	ug/l	100
26) 2,2-Dichloropropane	4.57	77	369280	52.221	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	276116	50.024	ug/l	98
28) Bromochloromethane	5.00	49	178631	50.783	ug/l	93
29) Tetrahydrofuran	5.11	42	597775	264.770	ug/l	98
30) Chloroform	5.20	83	430060	52.721	ug/l	95
31) Cyclohexane	5.57	56	416597	53.316	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	370852	53.112	ug/l	99
36) 1,1-Dichloropropene	5.79	75	331687	51.628	ug/l	98
37) Ethyl Acetate	4.81	43	369628	52.967	ug/l	99
38) Carbon Tetrachloride	5.77	117	316026	53.454	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012020\
 Data File : VX014664.D
 Acq On : 20 Jan 2020 09:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 21 00:29:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	425299	52.692	ug/l	98
40) Benzene	6.13	78	1001928	52.545	ug/l	99
41) Methacrylonitrile	5.02	41	206803	55.571	ug/l	97
42) 1,2-Dichloroethane	6.18	62	346876	52.029	ug/l	99
43) Isopropyl Acetate	6.43	43	607770	53.913	ug/l	99
44) Trichloroethene	7.20	130	273681	49.944	ug/l	94
45) 1,2-Dichloropropane	7.50	63	265468	54.607	ug/l	100
46) Dibromomethane	7.65	93	169380	49.919	ug/l	98
47) Bromodichloromethane	7.89	83	343874	55.697	ug/l	98
48) Methyl methacrylate	7.76	41	304860	56.464	ug/l	98
49) 1,4-Dioxane	7.73	88	109198	954.492	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1894346	275.760	ug/l	98
52) Toluene	8.78	92	636103	52.113	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	383037	53.289	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	422698	54.438	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	258348	52.694	ug/l	99
56) Ethyl methacrylate	9.17	69	412113	54.866	ug/l	98
57) 1,3-Dichloropropane	9.36	76	437573	53.379	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	785221	307.256	ug/l	98
59) 2-Hexanone	9.48	43	1530437	281.565	ug/l	99
60) Dibromochloromethane	9.57	129	276963	56.203	ug/l	100
61) 1,2-Dibromoethane	9.67	107	266805	51.373	ug/l	99
64) Tetrachloroethene	9.33	164	287813	46.501	ug/l	99
65) Chlorobenzene	10.13	112	683330	50.987	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	254730	53.259	ug/l	99
67) Ethyl Benzene	10.25	91	1214379	53.162	ug/l	100
68) m/p-Xylenes	10.36	106	933542	105.931	ug/l	98
69) o-Xylene	10.70	106	445499	52.982	ug/l	100
70) Styrene	10.71	104	775436	53.438	ug/l	99
71) Bromoform	10.85	173	210712	53.847	ug/l	97
73) Isopropylbenzene	11.01	105	1200796	53.789	ug/l	99
74) N-amyl acetate	10.89	43	534771	54.297	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	387106	54.071	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	458045	69.637	ug/l	82
77) Bromobenzene	11.25	156	304713	49.219	ug/l	97
78) n-propylbenzene	11.35	91	1390552	54.389	ug/l	99
79) 2-Chlorotoluene	11.42	91	802342	52.656	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1012819	54.646	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	137896	55.426	ug/l	97
82) 4-Chlorotoluene	11.51	91	936901	52.382	ug/l	99
83) tert-Butylbenzene	11.76	119	960298	54.836	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1015776	54.238	ug/l	99
85) sec-Butylbenzene	11.94	105	1182107	54.299	ug/l	100
86) p-Isopropyltoluene	12.06	119	1098197	54.361	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	556584	50.095	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	560228	53.715	ug/l	99
89) n-Butylbenzene	12.39	91	989734	53.583	ug/l	99
90) Hexachloroethane	12.59	117	196661	55.420	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	556154	51.091	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	82894	51.475	ug/l	97

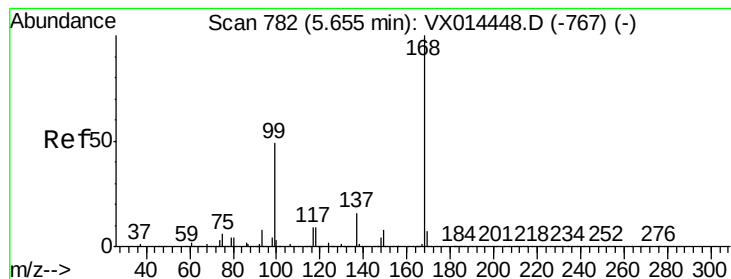
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012020\
Data File : VX014664.D
Acq On : 20 Jan 2020 09:59
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 21 00:29:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	389313	50.960	ug/l	99
94) Hexachlorobutadiene	13.78	225	195490	54.628	ug/l	99
95) Naphthalene	13.83	128	1145757	48.317	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	383913	51.209	ug/l	99

(#) = 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: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

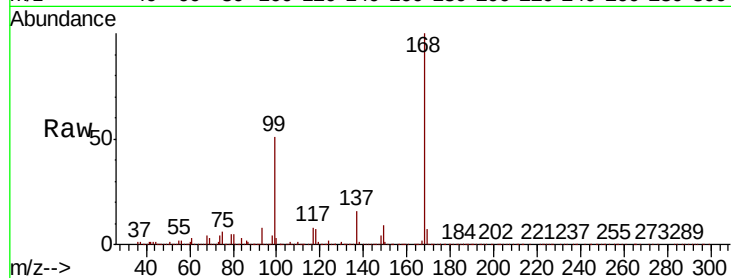
ClientSampleId :

Tot Ion:168 Resp: 457934

Ion Ratio Lower Upper

168 100

99 50.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

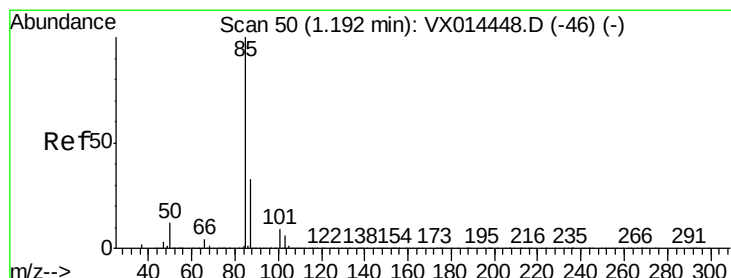
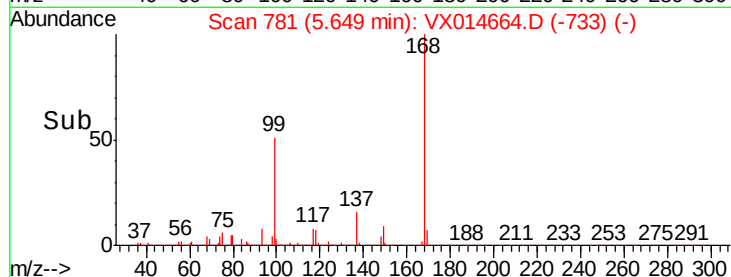
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.660 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014664.D

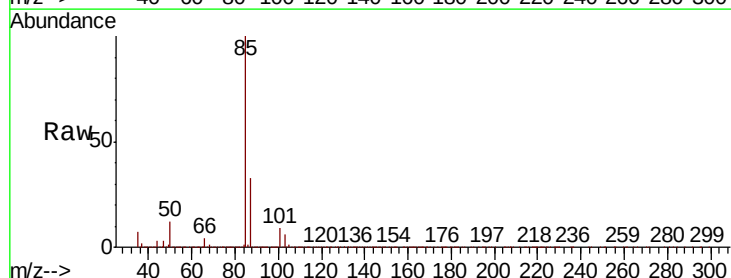
Acq: 20 Jan 2020 09:59

Tgt Ion: 85 Resp: 282329

Ion Ratio Lower Upper

85 100

87 33.1 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

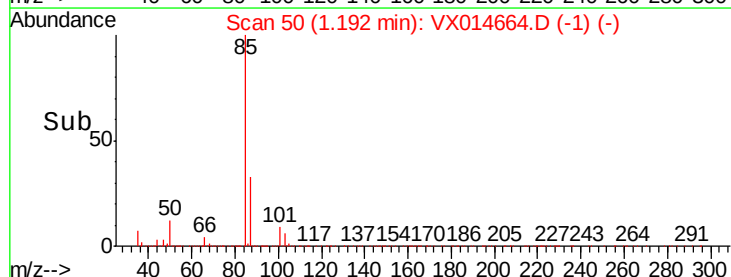
300000

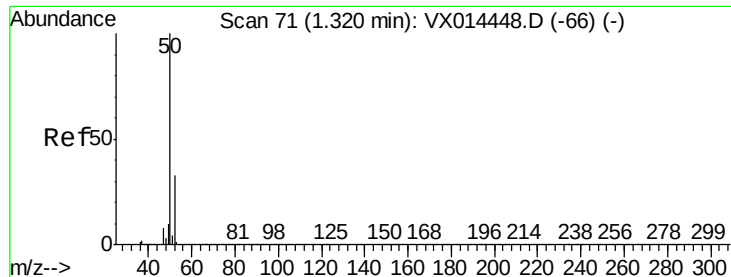
200000

100000

0

Time-->





#3

Chloromethane

Concen: 50.803 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

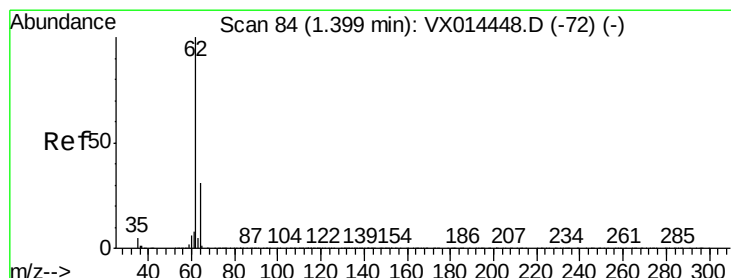
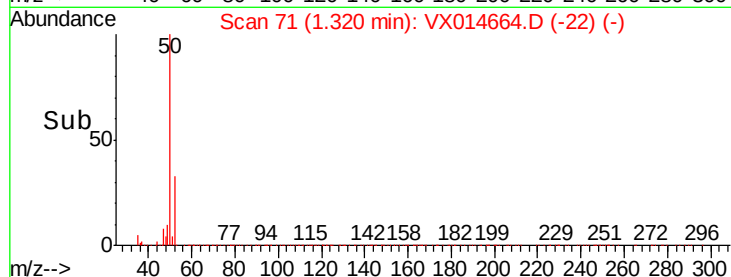
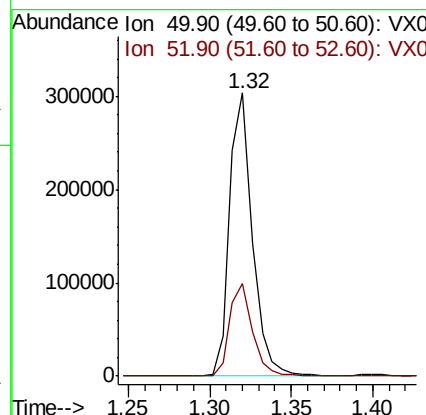
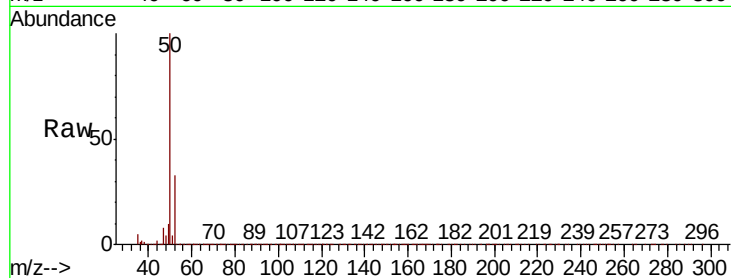
ClientSampleId :

Tot Ion: 50 Resp: 296550

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



#4

Vinyl Chloride

Concen: 52.544 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014664.D

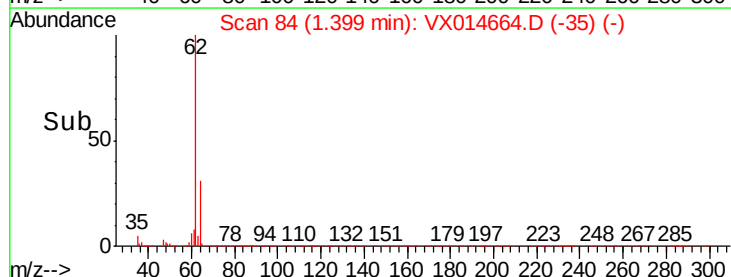
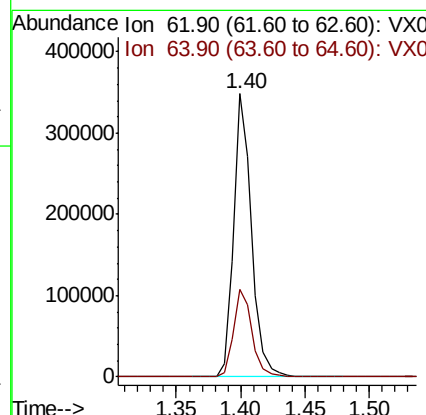
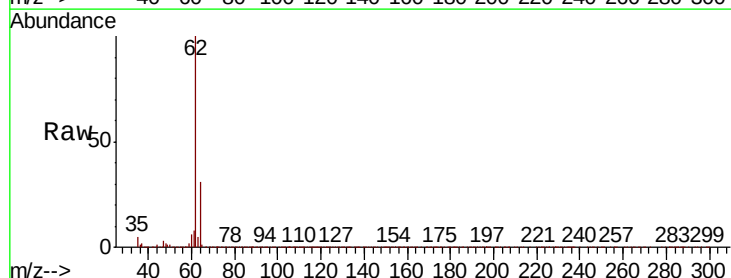
Acq: 20 Jan 2020 09:59

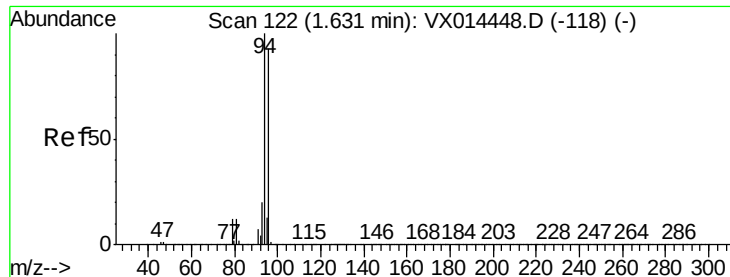
Tgt Ion: 62 Resp: 341776

Ion Ratio Lower Upper

62 100

64 31.1 24.6 37.0





#5

Bromomethane

Concen: 49.711 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

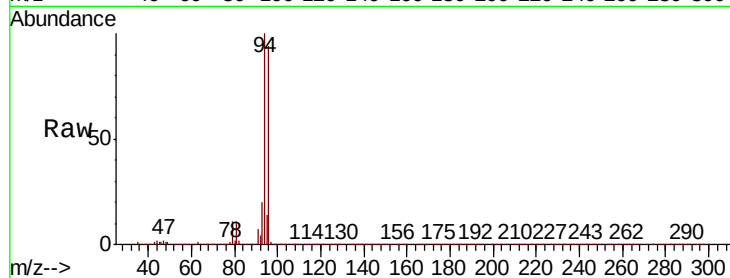
ClientSampleId :

Tot Ion: 94 Resp: 214334

Ion Ratio Lower Upper

94 100

96 94.3 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

250000

200000

150000

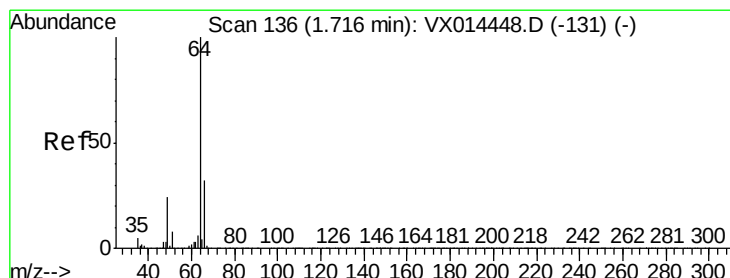
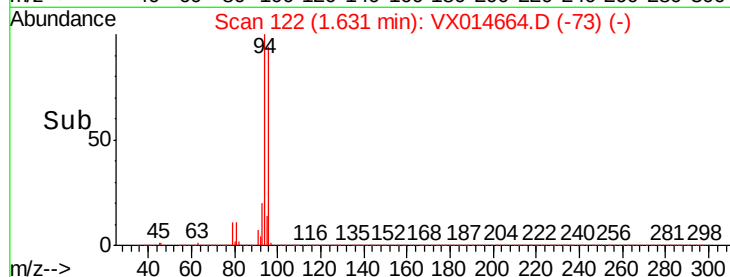
100000

50000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 51.242 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX014664.D

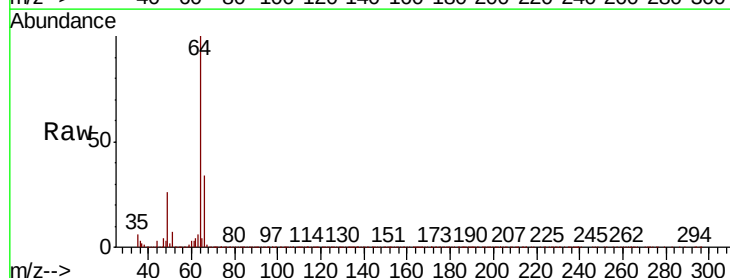
Acq: 20 Jan 2020 09:59

Tgt Ion: 64 Resp: 181511

Ion Ratio Lower Upper

64 100

66 33.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

150000

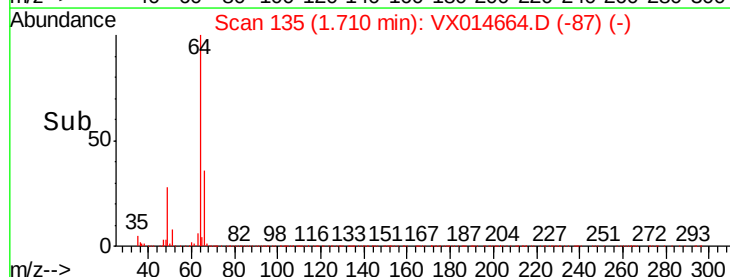
100000

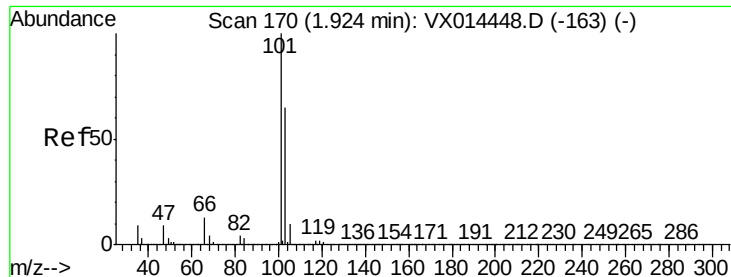
50000

0

Time-->

1.65 1.70 1.75 1.80 1.85



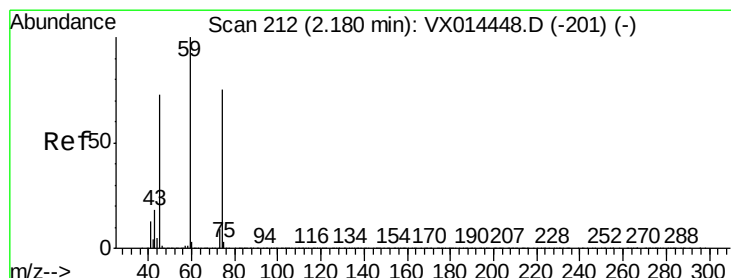
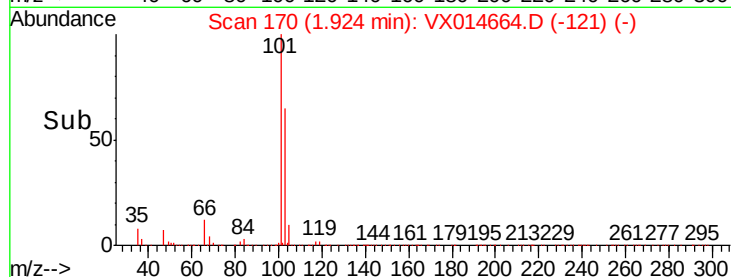
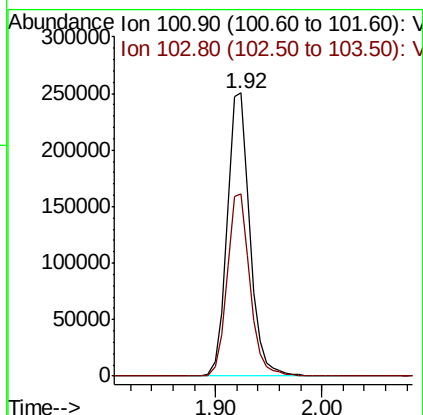
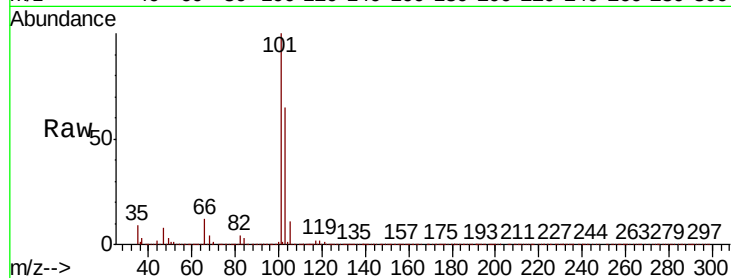


#7

Trichlorofluoromethane
Concen: 50.517 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :

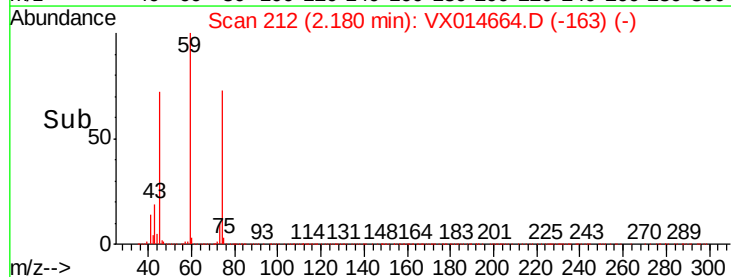
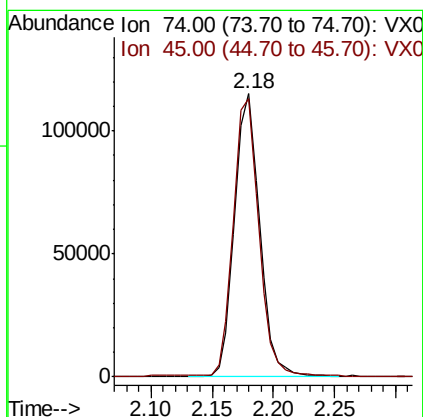
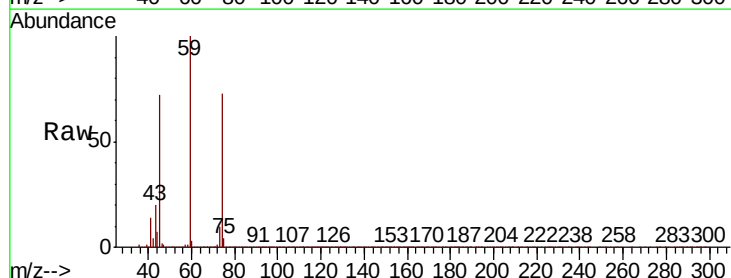
Tot Ion:101 Resp: 372741
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.4

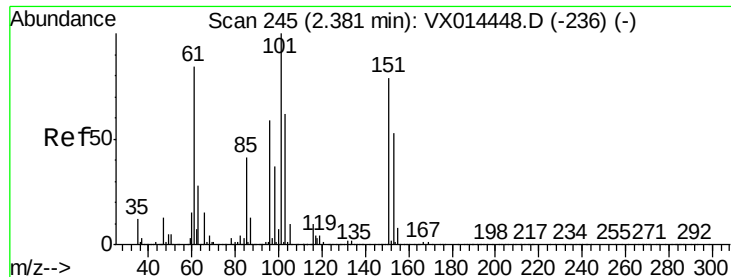


#8

Diethyl Ether
Concen: 48.729 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion: 74 Resp: 164036
Ion Ratio Lower Upper
74 100
45 98.7 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.716 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

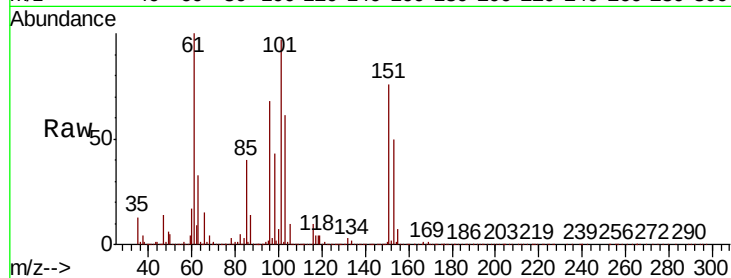
Tot Ion:101 Resp: 227663

Ion Ratio Lower Upper

101 100

85 42.8 33.8 50.8

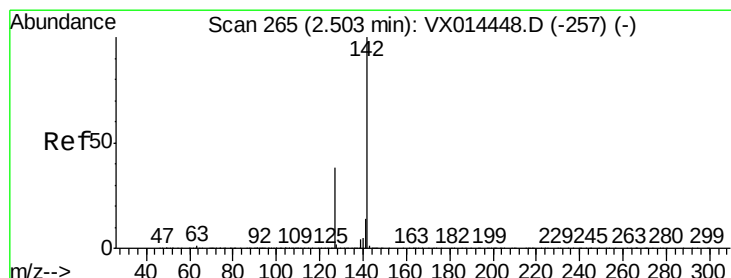
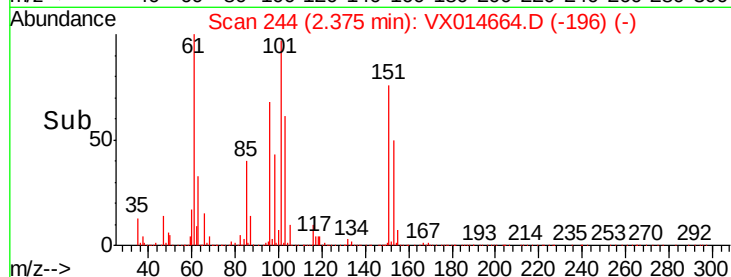
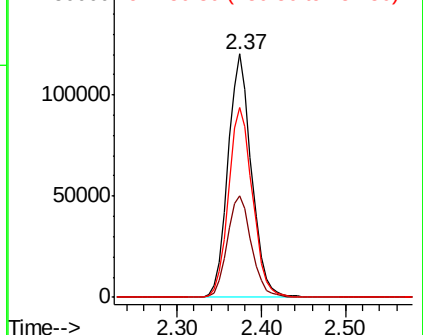
151 79.9 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.812 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

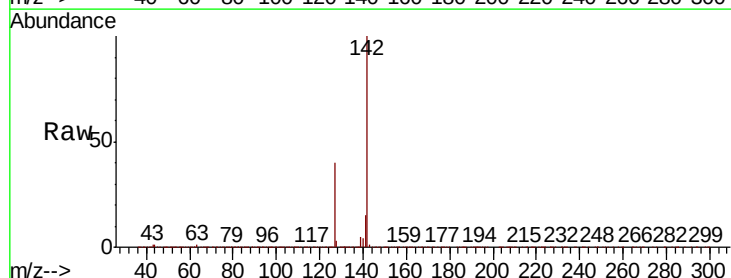
Tgt Ion:142 Resp: 294629

Ion Ratio Lower Upper

142 100

127 39.1 31.2 46.8

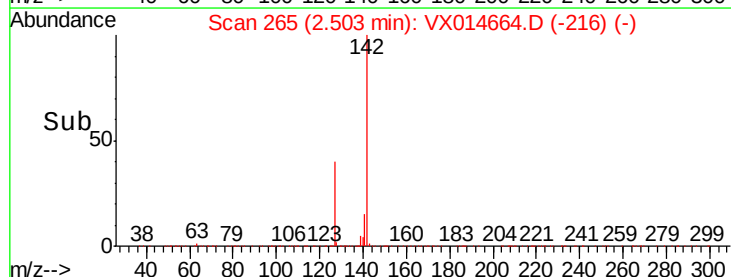
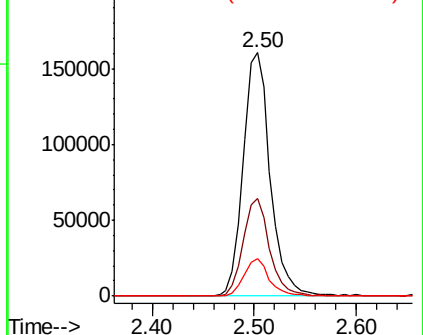
141 14.6 11.4 17.2

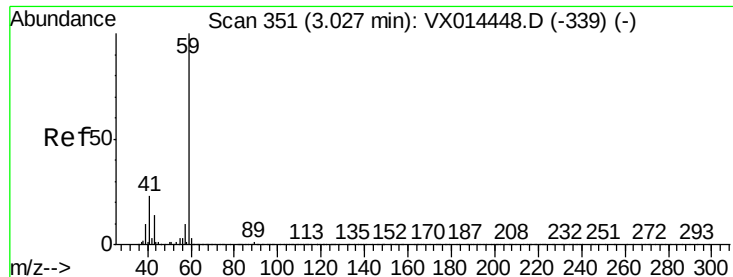


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

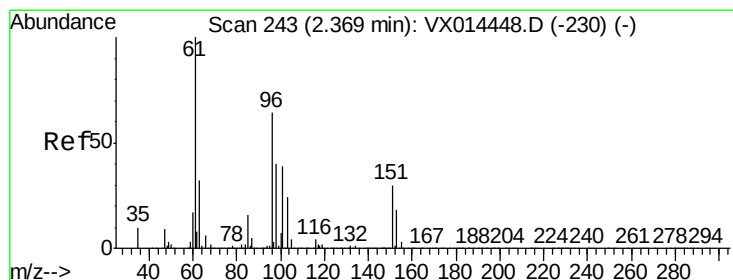
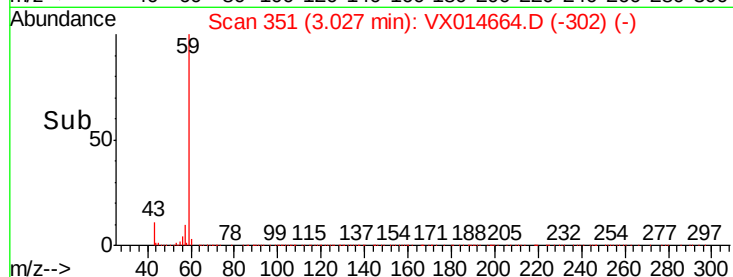
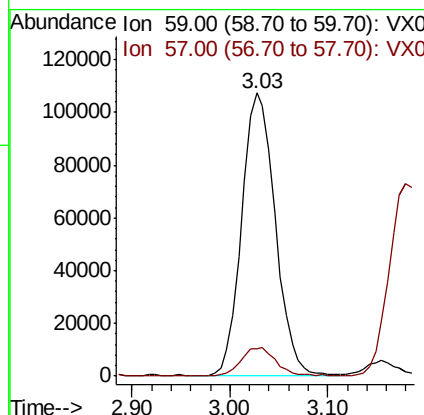
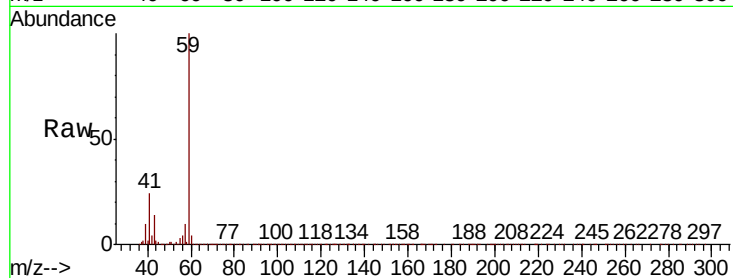




#11
Tert butyl alcohol
Concen: 239.001 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

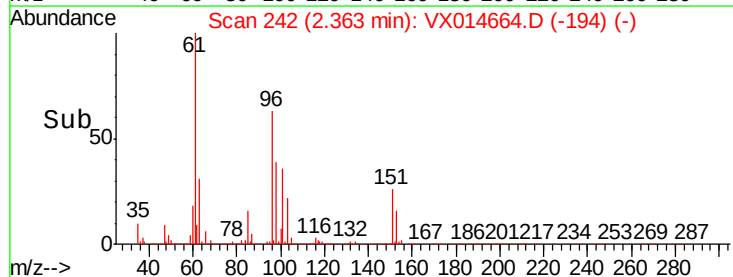
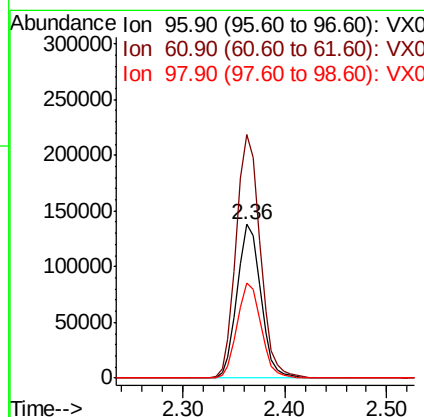
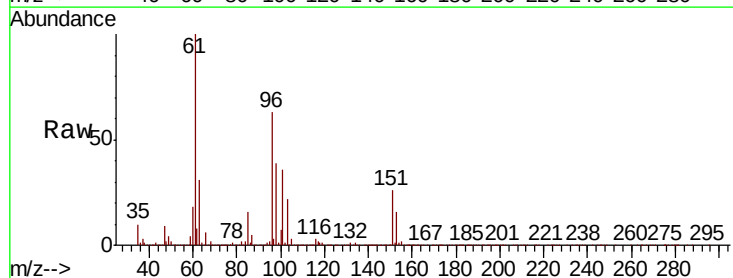
Instrument :
MSVOA_X
ClientSampleId :

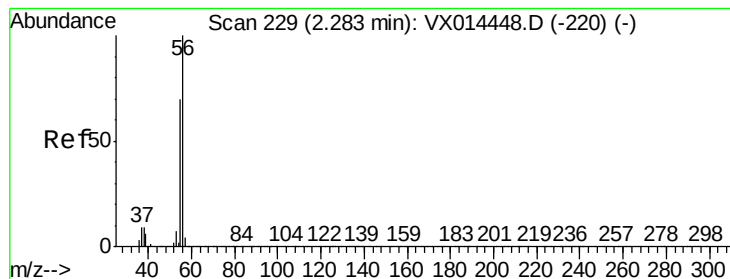
Tot Ion: 59 Resp: 255109
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7



#12
1,1-Dichloroethene
Concen: 48.986 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion: 96 Resp: 221554
Ion Ratio Lower Upper
96 100
61 158.9 125.0 187.6
98 61.6 50.2 75.2





#13

Acrolein

Concen: 299.599 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

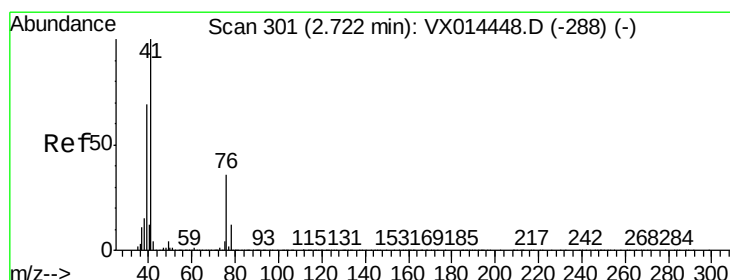
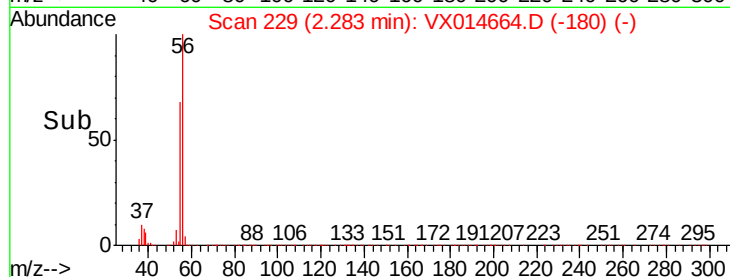
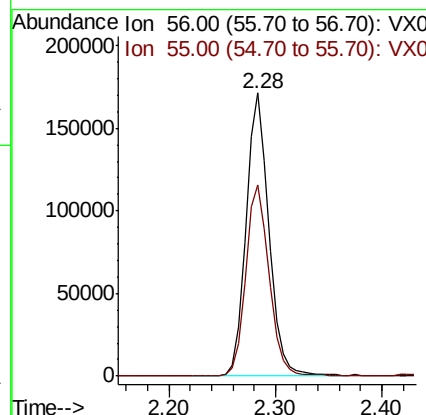
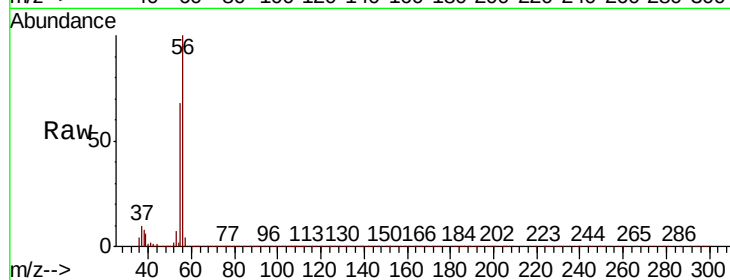
ClientSampleId :

Tot Ion: 56 Resp: 256321

Ion Ratio Lower Upper

56 100

55 68.8 55.0 82.6



#14

Allyl chloride

Concen: 51.861 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

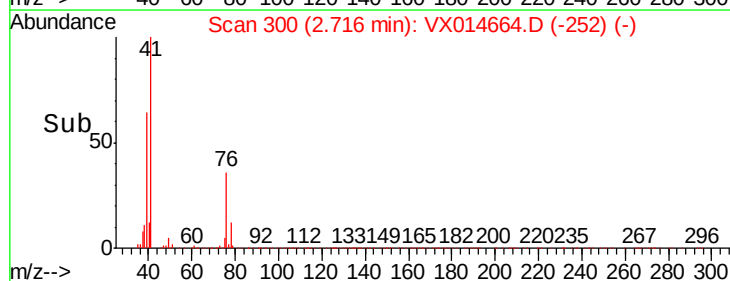
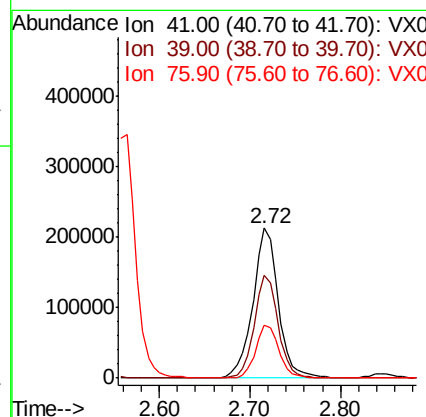
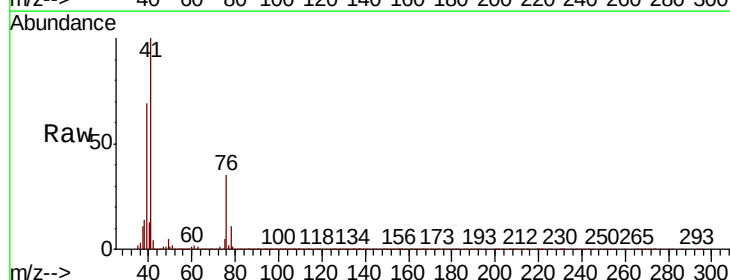
Tgt Ion: 41 Resp: 411806

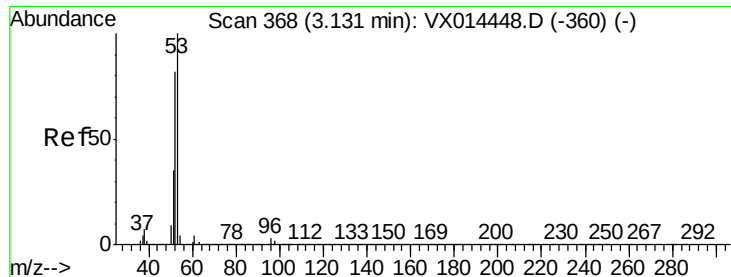
Ion Ratio Lower Upper

41 100

39 64.5 51.7 77.5

76 32.5 26.8 40.2

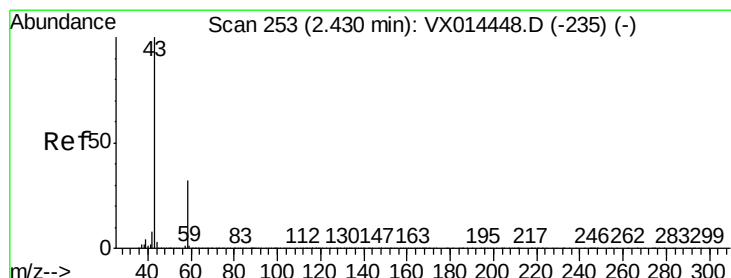
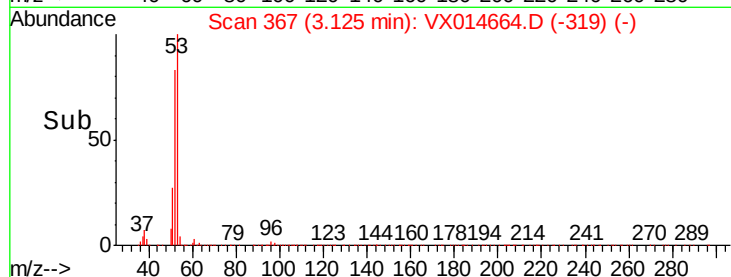
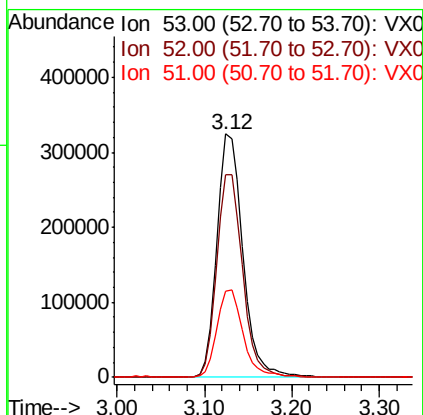
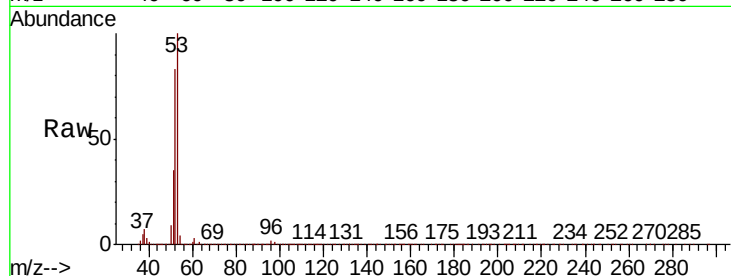




#15
 Acrylonitrile
 Concen: 259.682 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

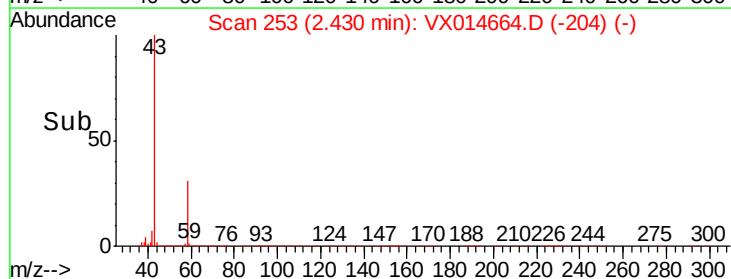
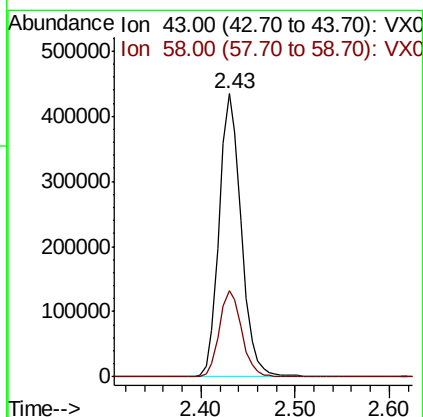
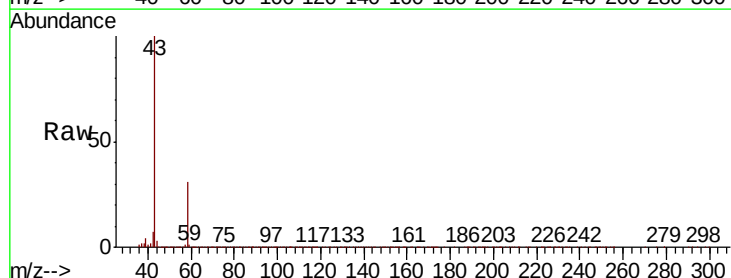
Instrument :
 MSVOA_X
 ClientSampleId :

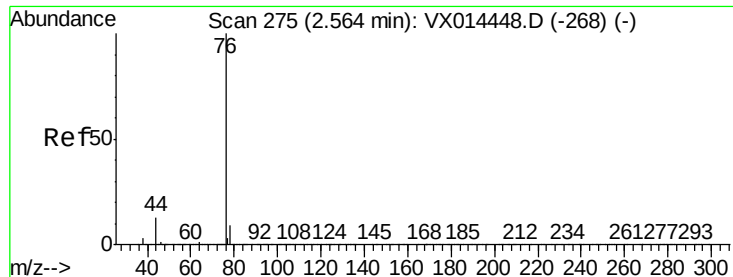
Tot Ion	Ratio	Lower	Upper
53	100		
52	83.1	67.0	100.4
51	36.3	28.5	42.7



#16
 Acetone
 Concen: 274.029 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.4	38.0





#17

Carbon Disulfide

Concen: 46.258 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

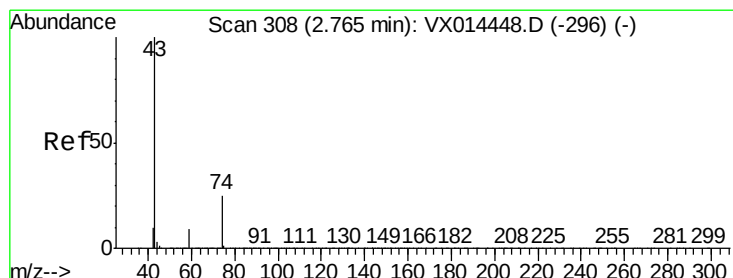
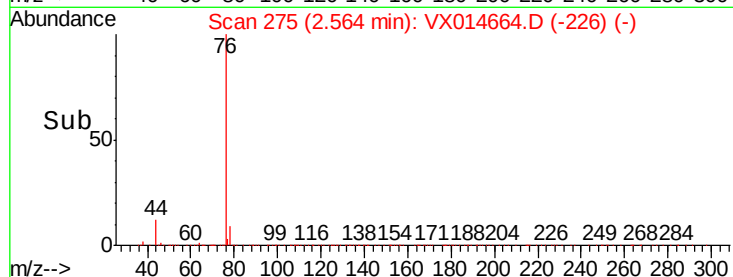
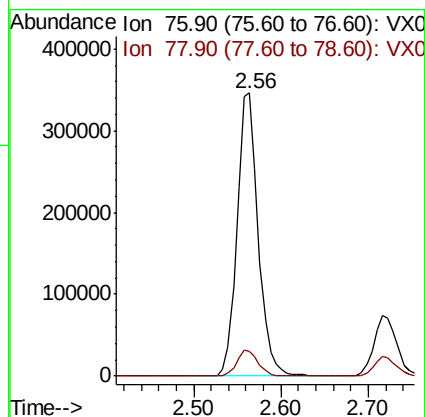
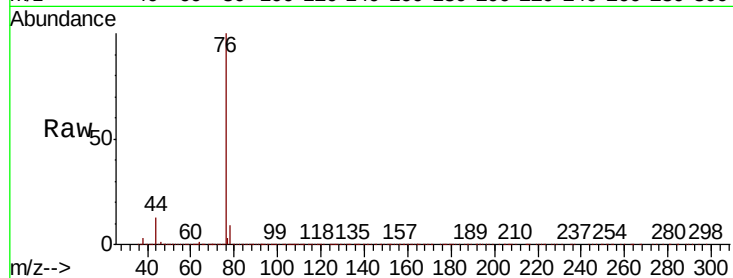
ClientSampleId :

Tot Ion: 76 Resp: 583759

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2



#18

Methyl Acetate

Concen: 55.776 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014664.D

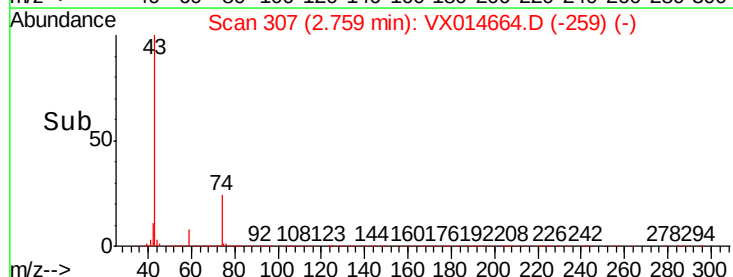
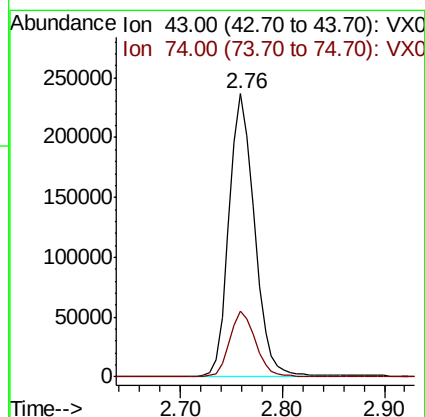
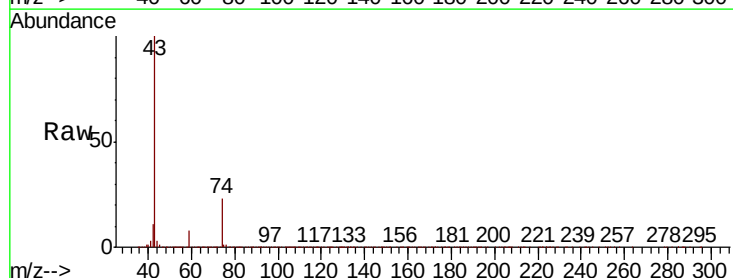
Acq: 20 Jan 2020 09:59

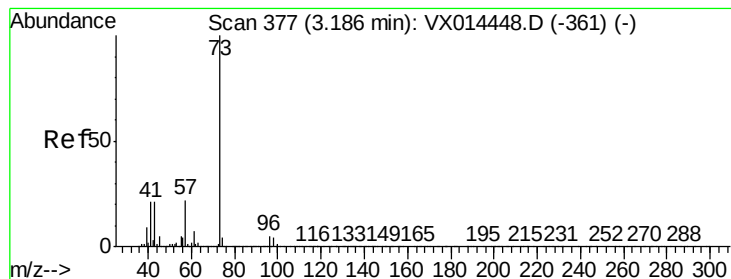
Tgt Ion: 43 Resp: 409815

Ion Ratio Lower Upper

43 100

74 23.6 19.4 29.2



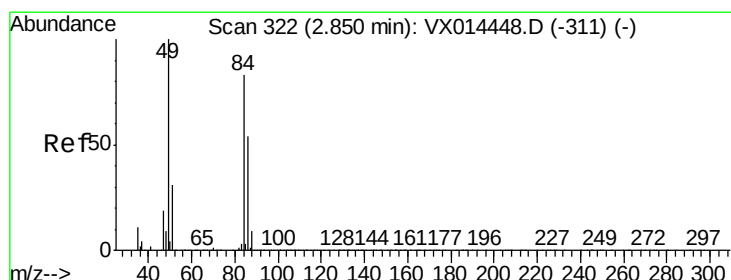
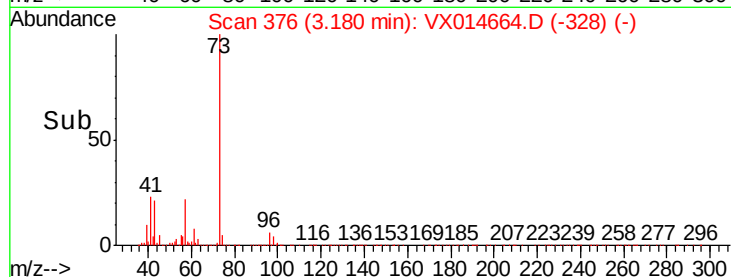
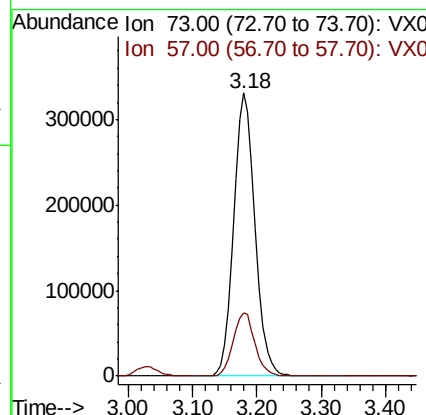
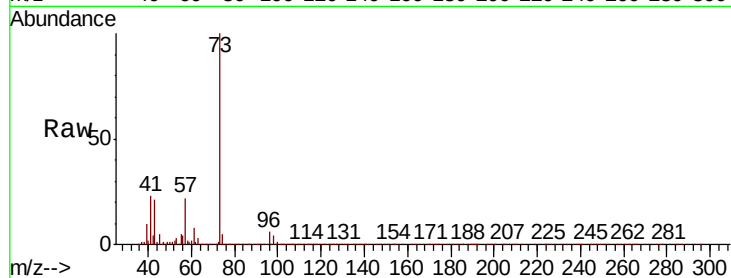


#19

Methyl tert-butyl Ether
 Concen: 52.979 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :

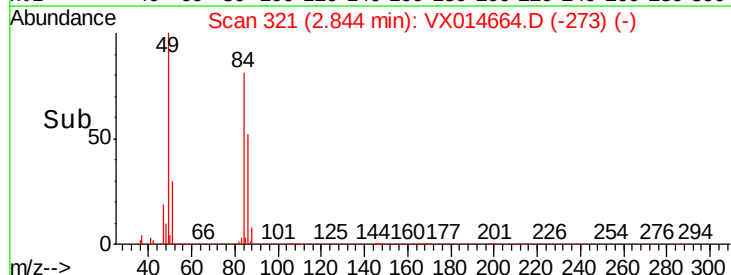
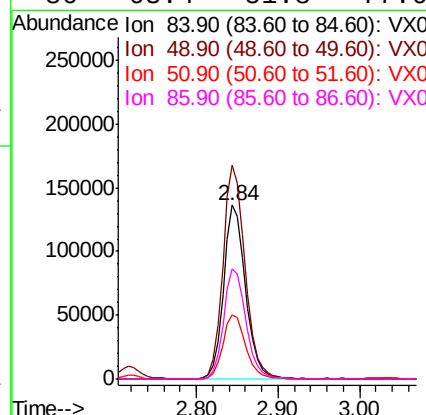
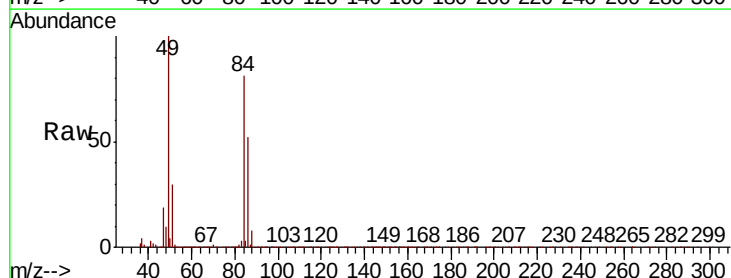
Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.8	26.8

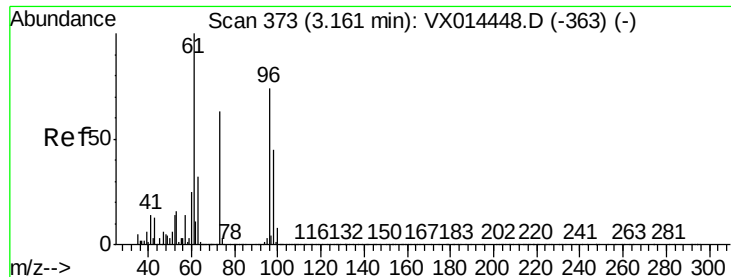


#20

Methylene Chloride
 Concen: 49.443 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.7	95.8	143.8
51	37.0	30.2	45.4
86	63.4	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 48.311 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

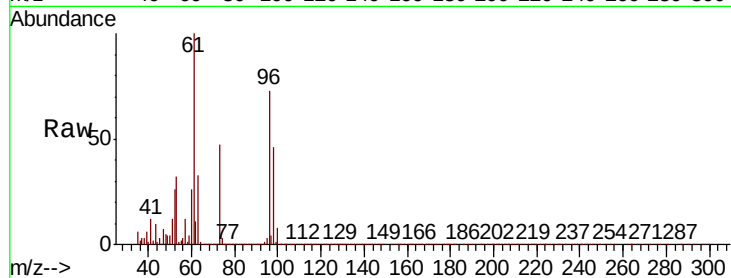
Tot Ion: 96 Resp: 238539

Ion Ratio Lower Upper

96 100

61 136.3 108.2 162.4

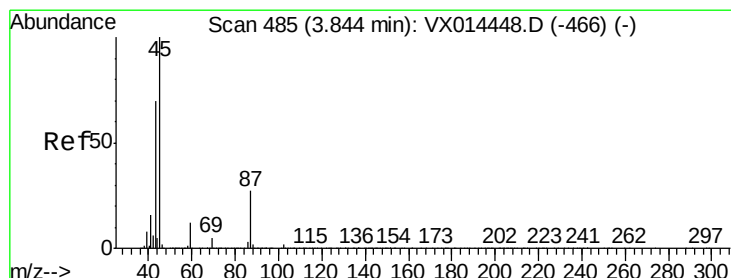
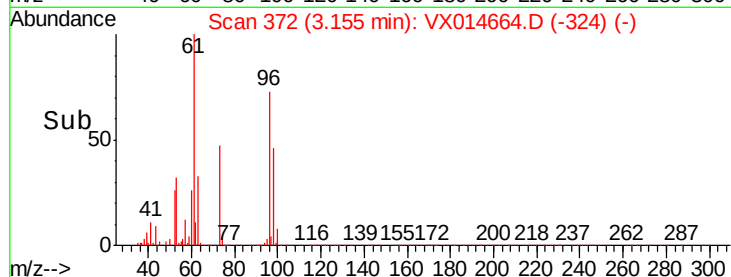
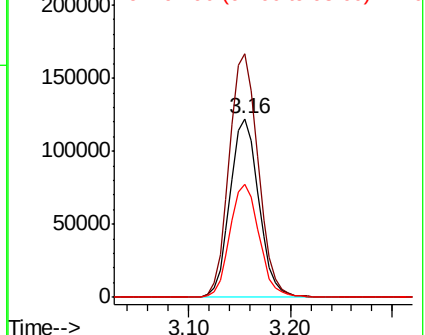
98 63.2 48.8 73.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.075 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Tgt Ion: 45 Resp: 845153

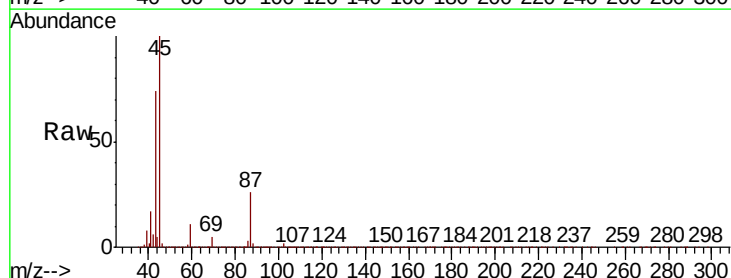
Ion Ratio Lower Upper

45 100

43 73.2 55.8 83.6

87 26.3 21.8 32.8

59 11.1 9.1 13.7

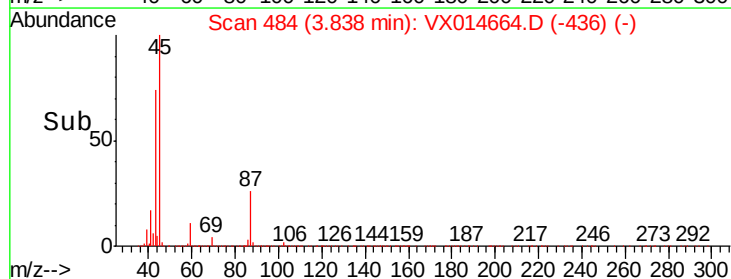
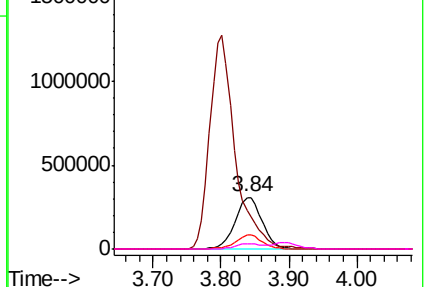


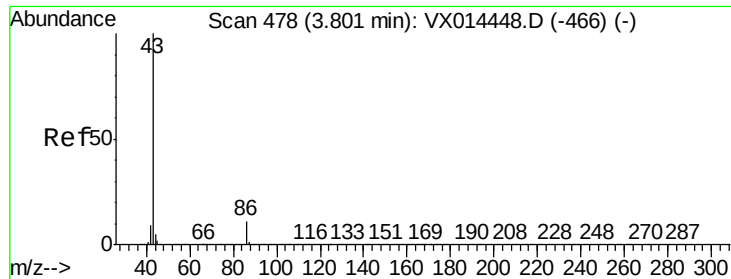
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

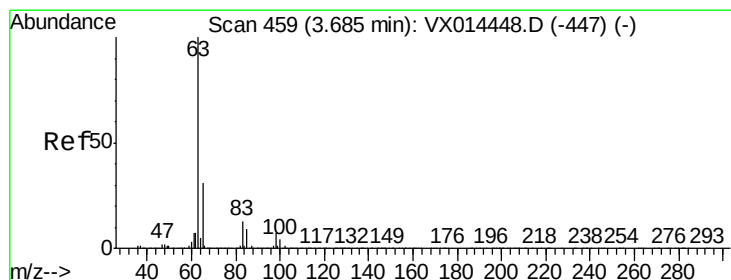
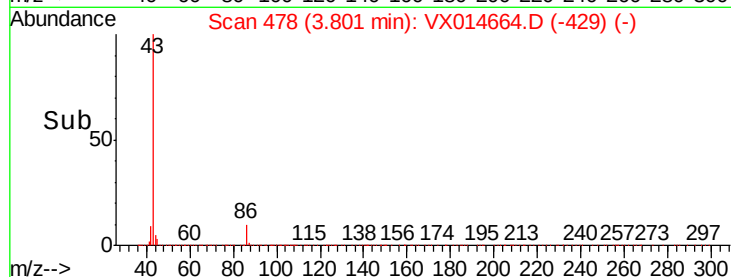
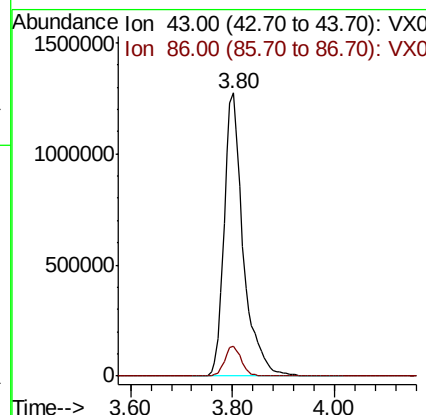
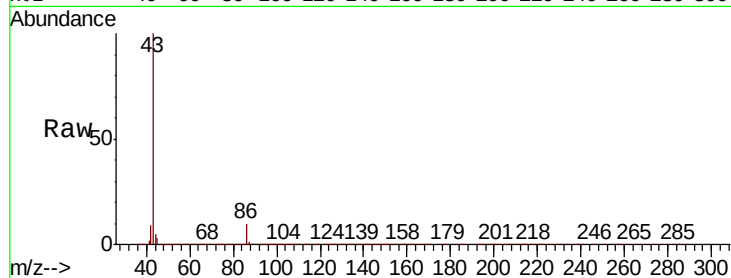




#23
 Vinyl Acetate
 Concen: 278.436 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

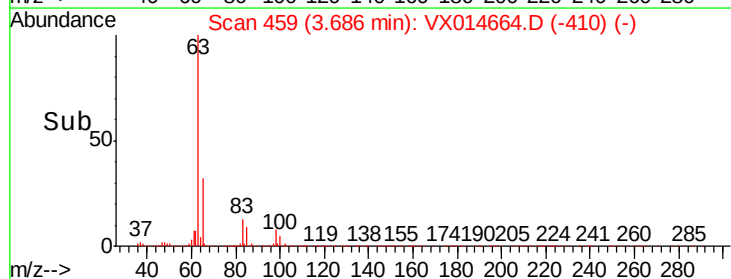
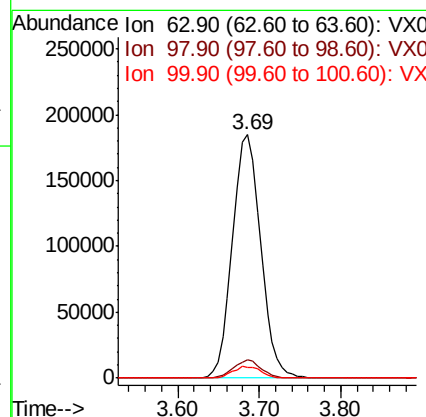
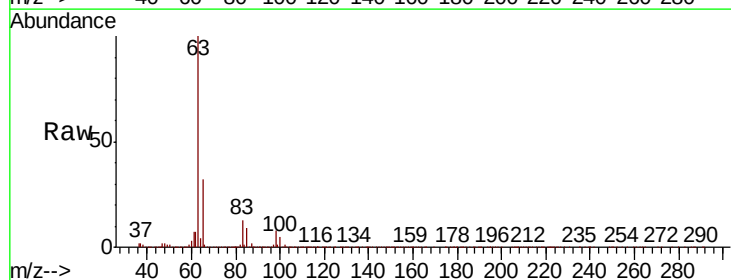
Instrument :
 MSVOA_X
 ClientSampled :

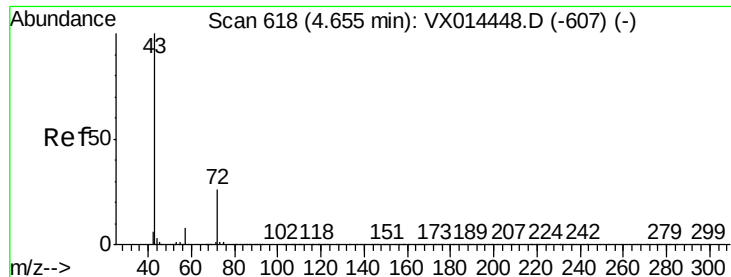
Tot Ion: 43 Resp: 3308005
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 53.228 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Tgt Ion: 63 Resp: 444336
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 269.343 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

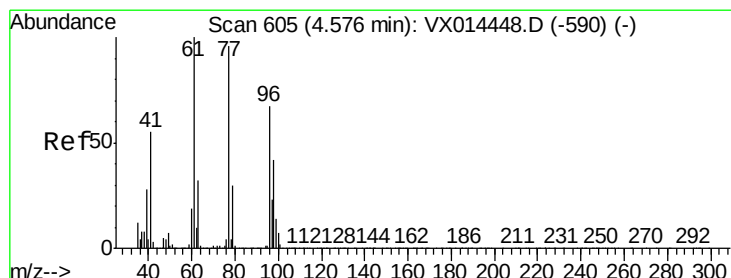
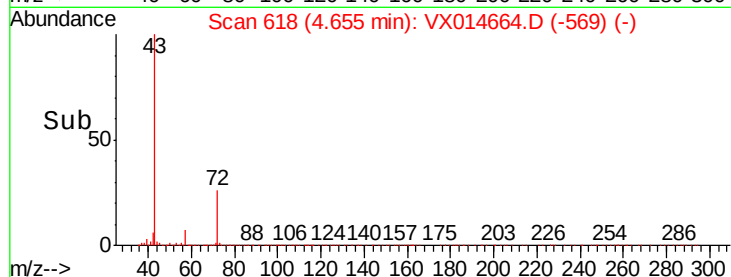
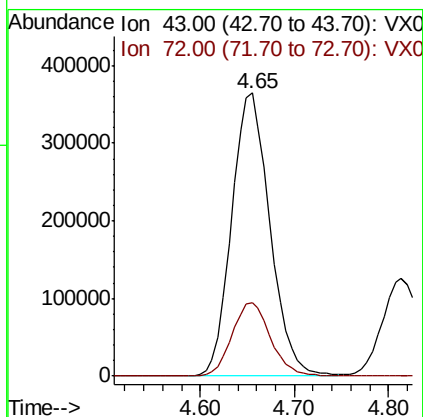
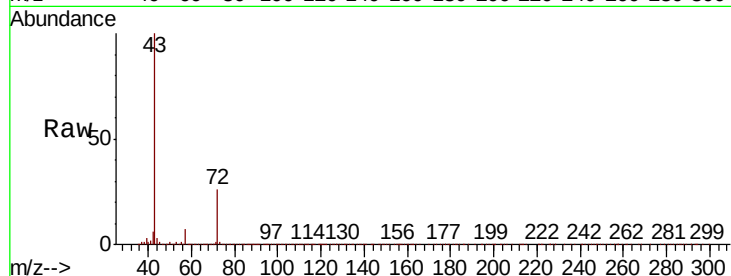
ClientSampleId :

Tot Ion: 43 Resp: 1028516

Ion Ratio Lower Upper

43 100

72 26.0 20.6 31.0



#26

2,2-Dichloropropane

Concen: 52.221 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014664.D

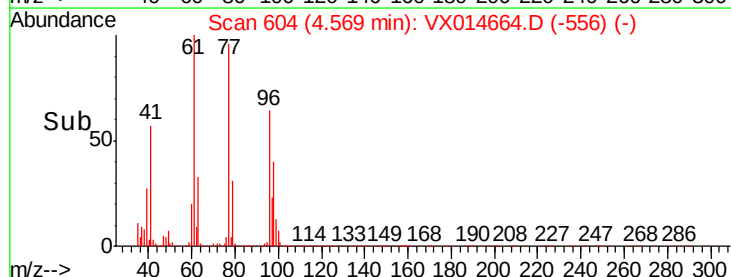
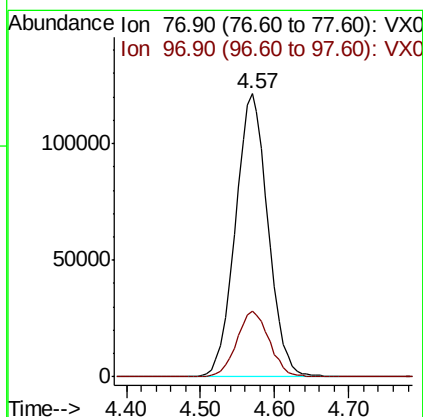
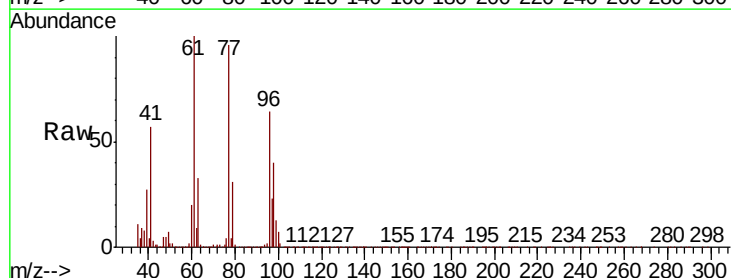
Acq: 20 Jan 2020 09:59

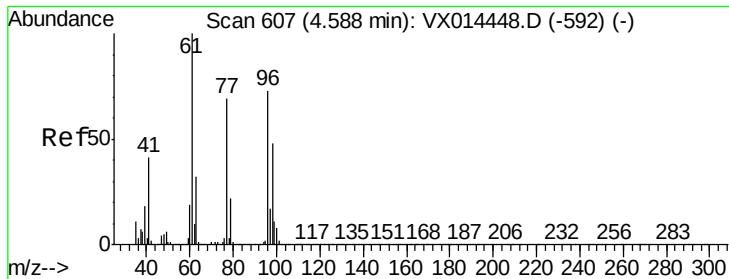
Tgt Ion: 77 Resp: 369280

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.1



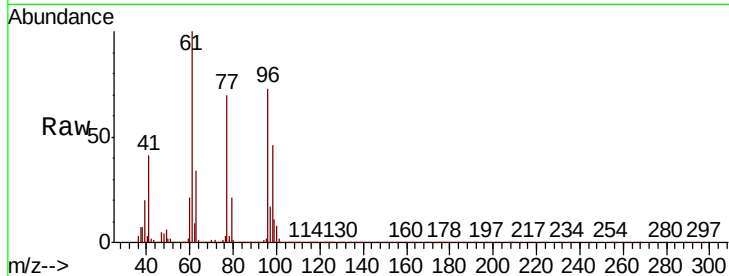


#27

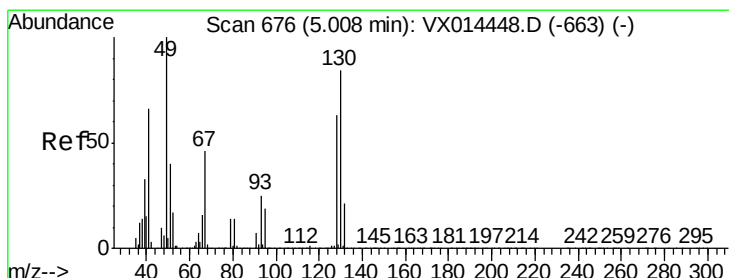
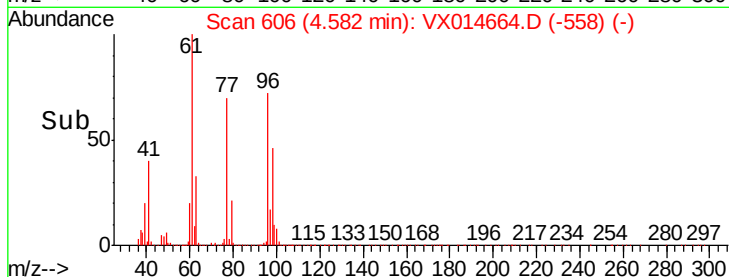
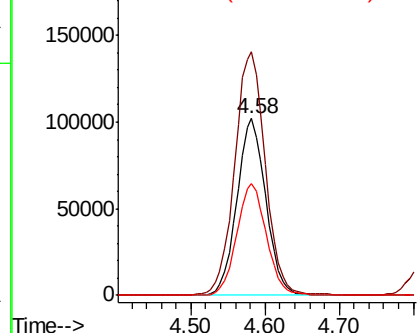
cis-1,2-Dichloroethene
Concen: 50.024 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	285.4
98	64.5	0.0	130.6



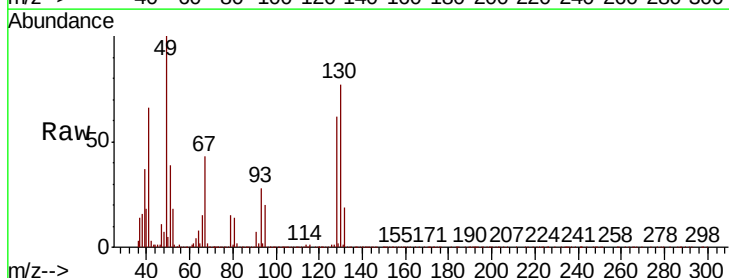
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



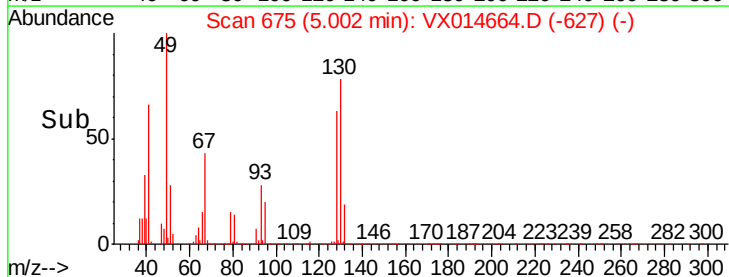
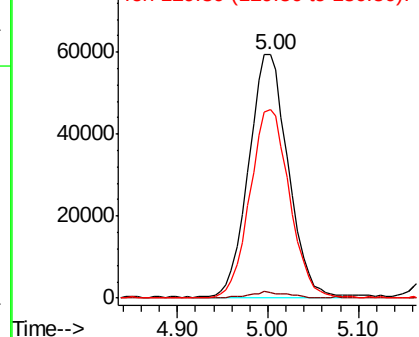
#28

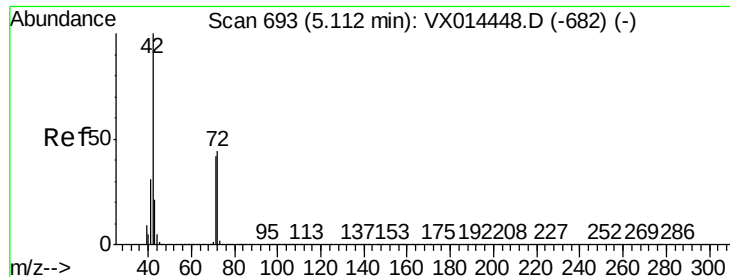
Bromochloromethane
Concen: 50.783 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	77.6	67.0	100.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 264.770 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampled :

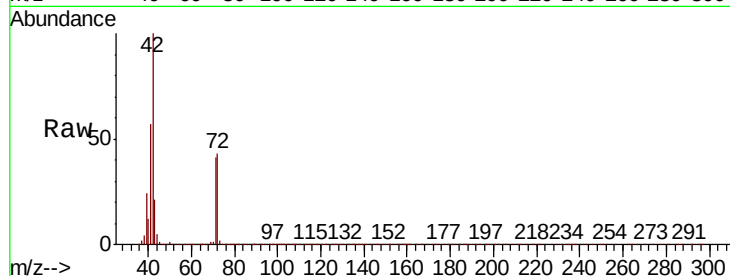
Tot Ion: 42 Resp: 597775

Ion Ratio Lower Upper

42 100

72 44.3 36.2 54.4

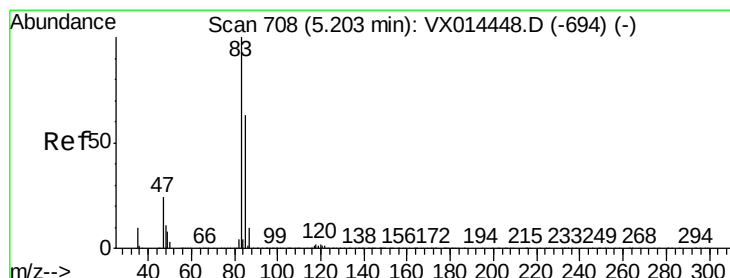
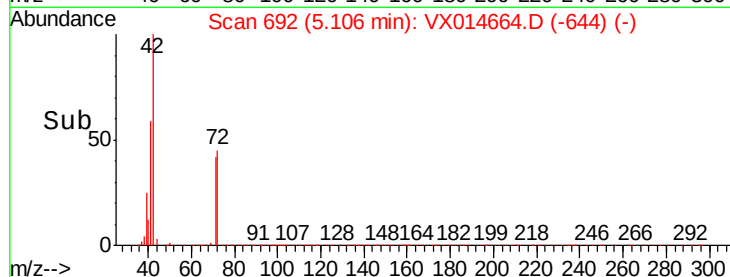
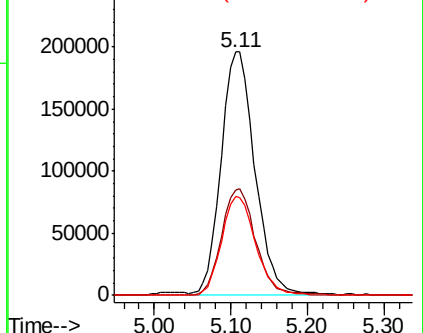
71 40.8 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.721 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014664.D

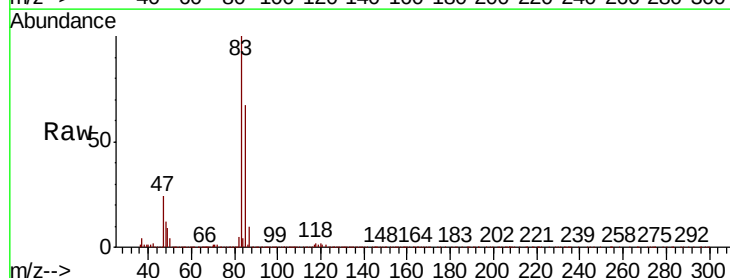
Acq: 20 Jan 2020 09:59

Tgt Ion: 83 Resp: 430060

Ion Ratio Lower Upper

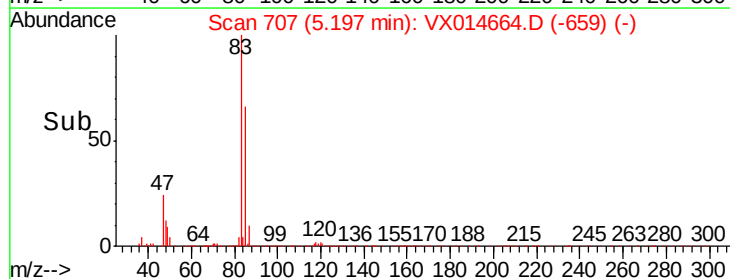
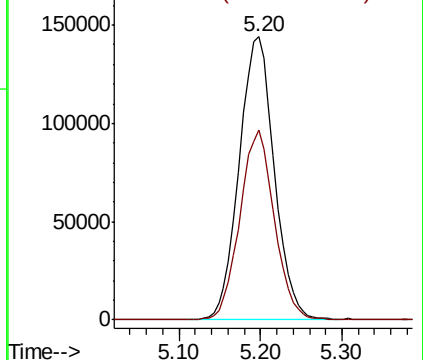
83 100

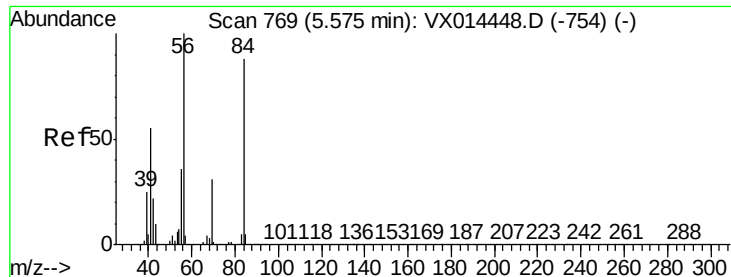
85 67.2 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 53.316 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampled :

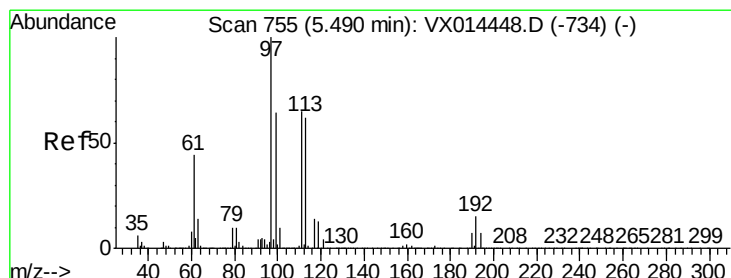
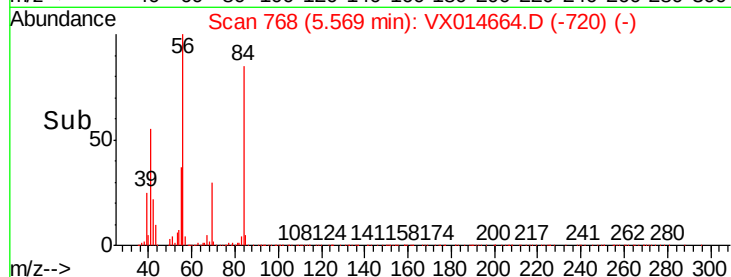
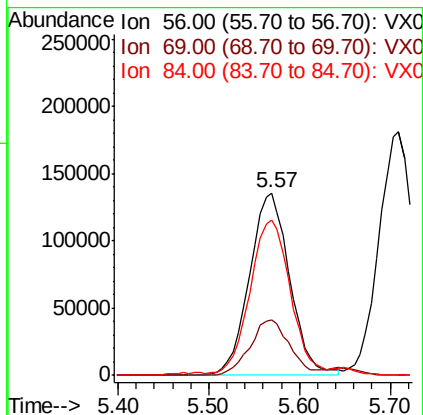
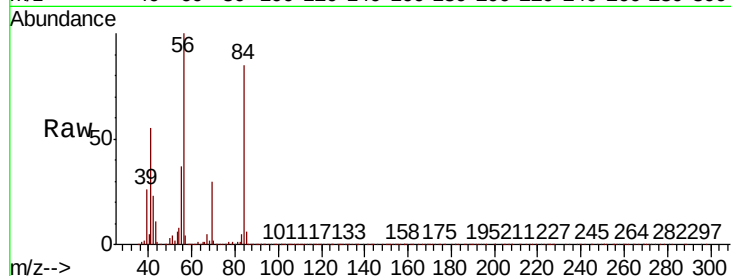
Tot Ion: 56 Resp: 416597

Ion Ratio Lower Upper

56 100

69 30.0 24.4 36.6

84 84.1 70.6 106.0



#32

1,1,1-Trichloroethane

Concen: 53.112 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

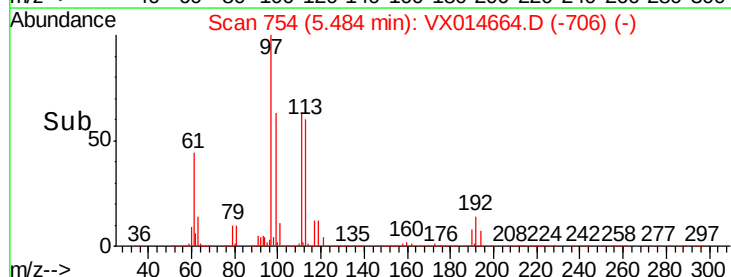
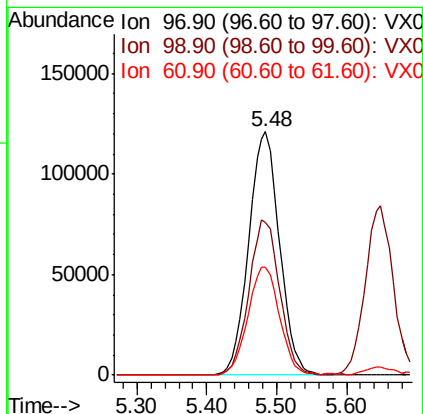
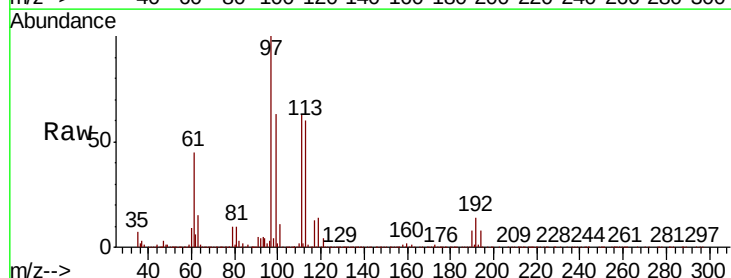
Tgt Ion: 97 Resp: 370852

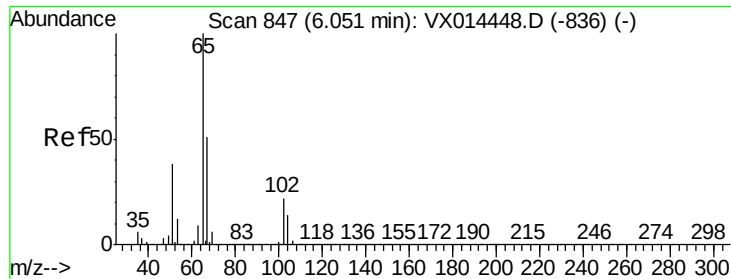
Ion Ratio Lower Upper

97 100

99 63.4 51.8 77.6

61 45.5 35.9 53.9

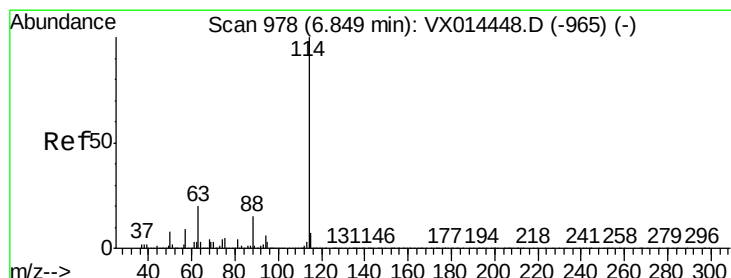
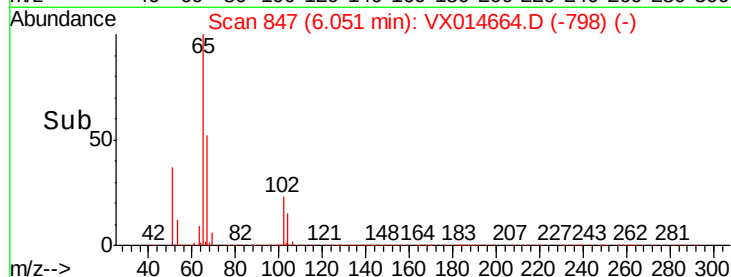
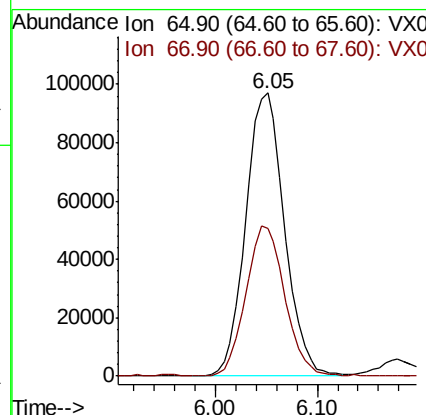
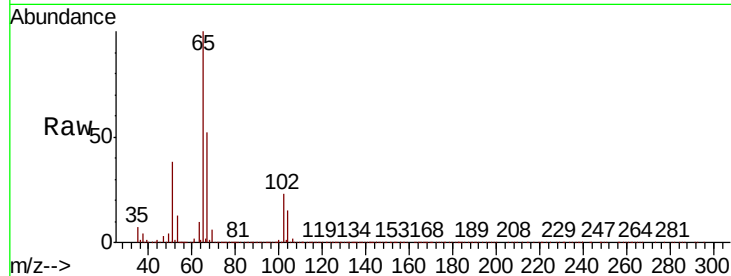




#33
 1,2-Dichloroethane-d4
 Concen: 49.899 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

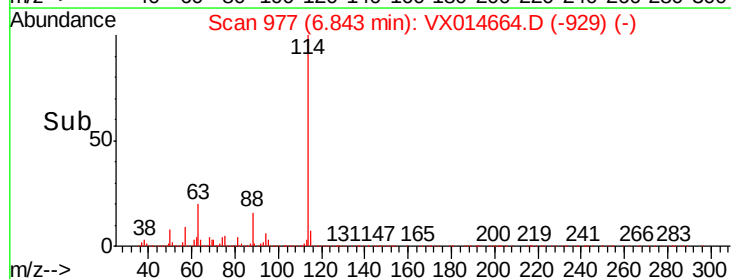
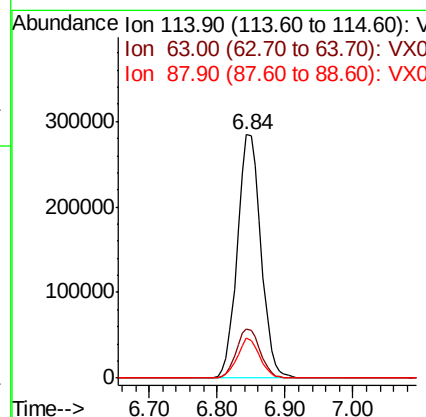
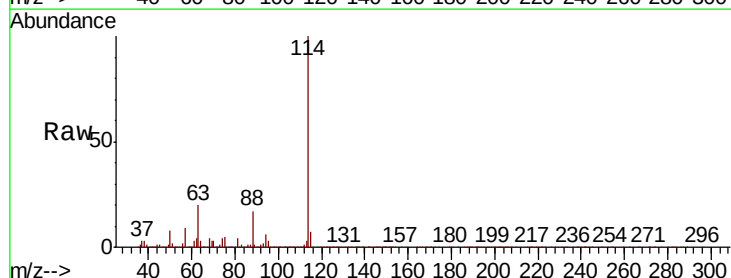
Instrument :
 MSVOA_X
 ClientSampled :

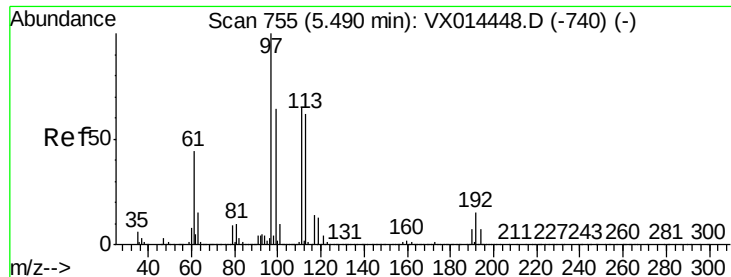
Tot Ion: 65 Resp: 255086
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Tgt Ion: 114 Resp: 683169
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.6
 88 16.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.812 ug/l

RT: 5.48 min Scan# 754

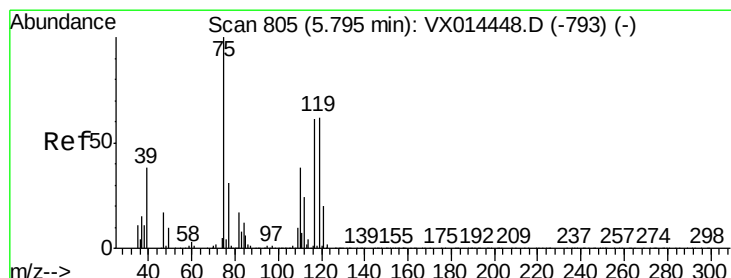
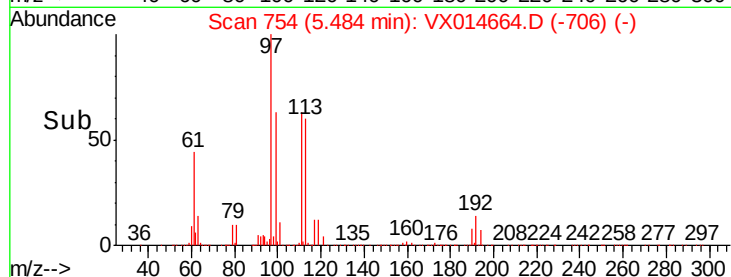
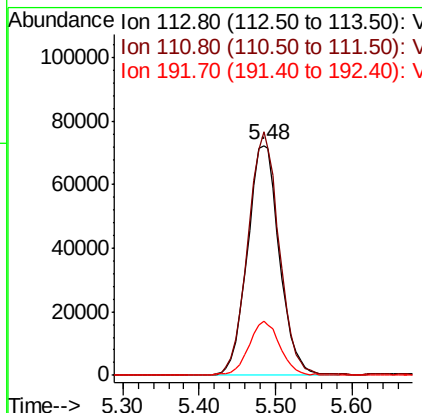
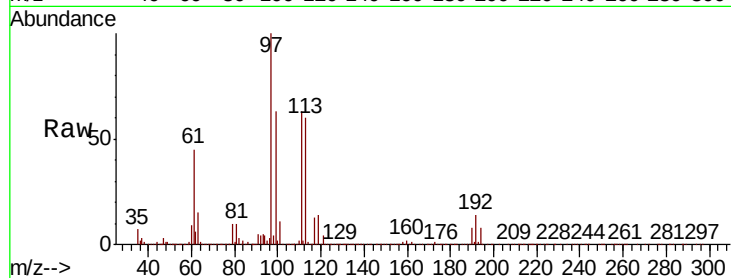
Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	210133
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.5	122.3
192	23.3	19.2	28.8



#36

1,1-Dichloropropene

Concen: 51.628 ug/l

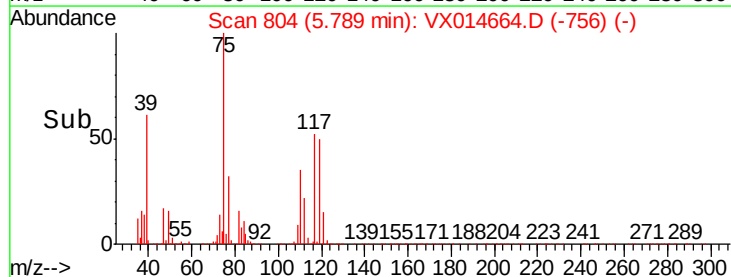
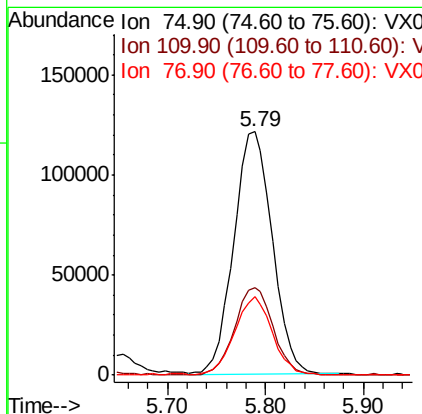
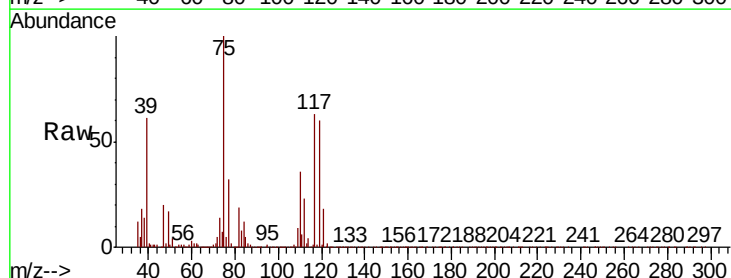
RT: 5.79 min Scan# 804

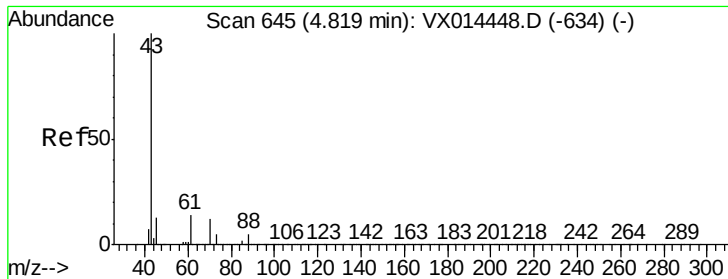
Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Tgt Ion:	75	Resp:	331687
Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.6	55.8
77	31.3	24.5	36.7

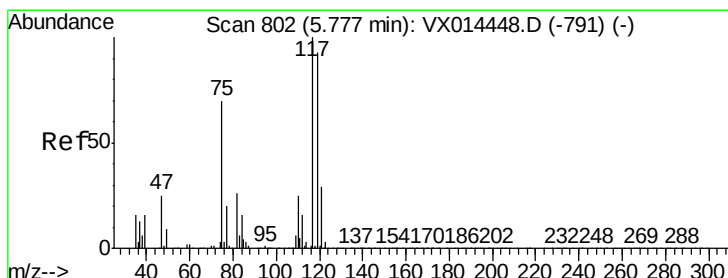
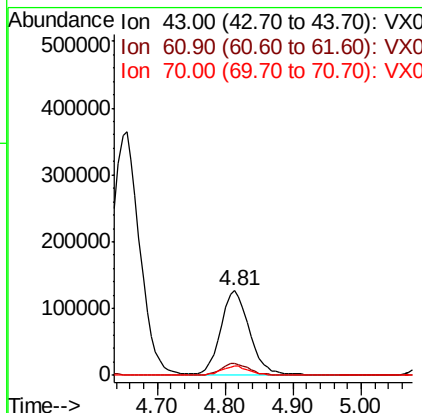
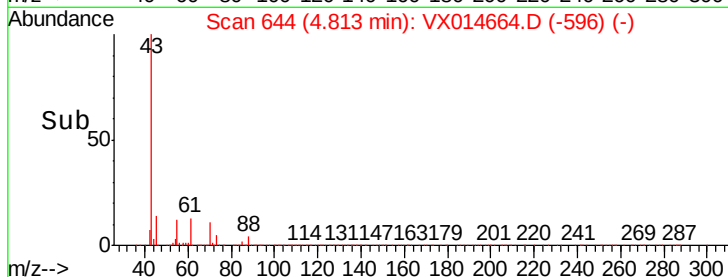
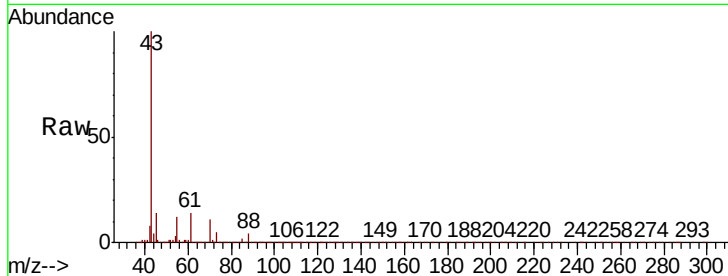




#37
Ethyl Acetate
Concen: 52.967 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

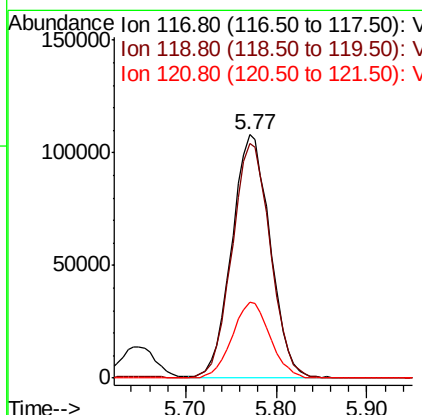
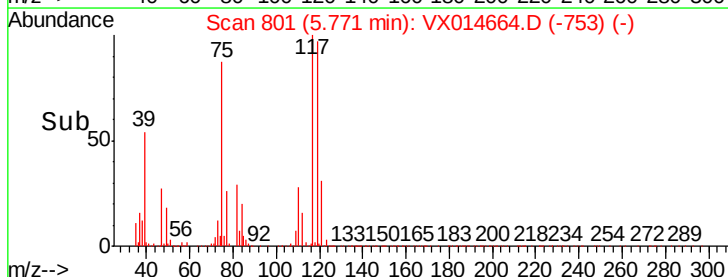
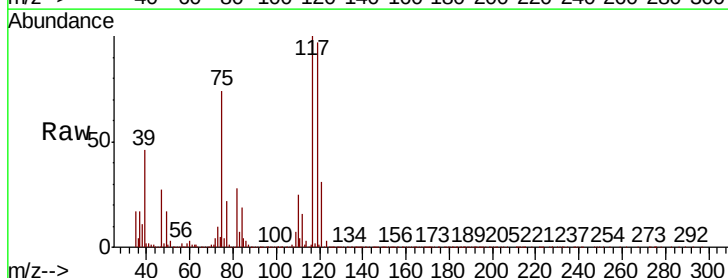
Instrument :
MSVOA_X
ClientSampleId :

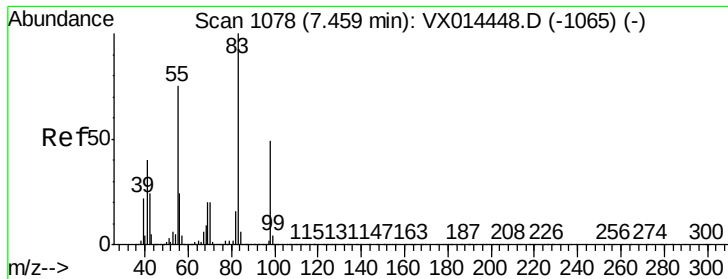
Tot Ion: 43 Resp: 369628
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 10.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 53.454 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion: 117 Resp: 316026
Ion Ratio Lower Upper
117 100
119 96.6 73.8 110.8
121 31.1 23.4 35.0

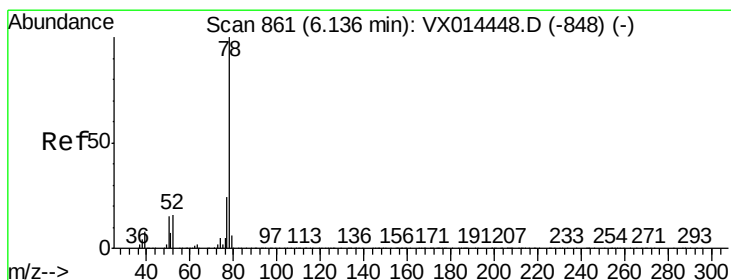
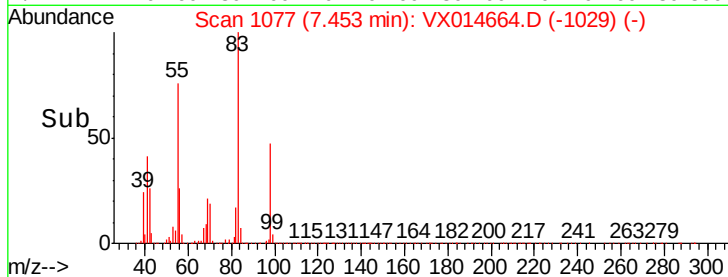
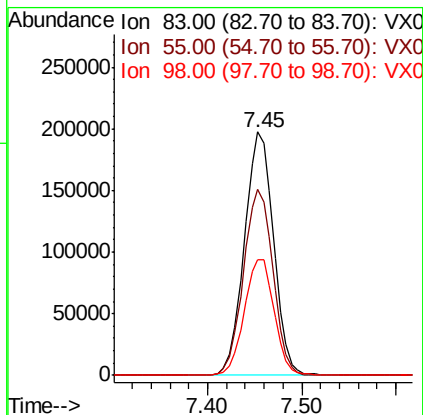
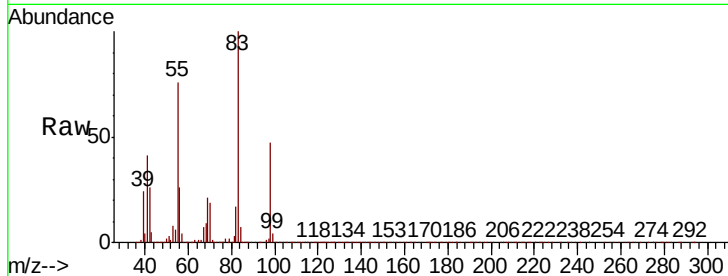




#39
Methylvlcyclohexane
Concen: 52.692 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

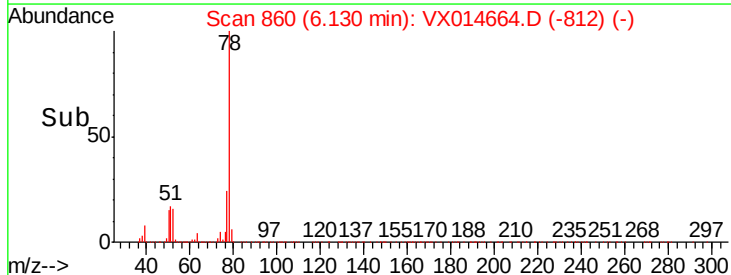
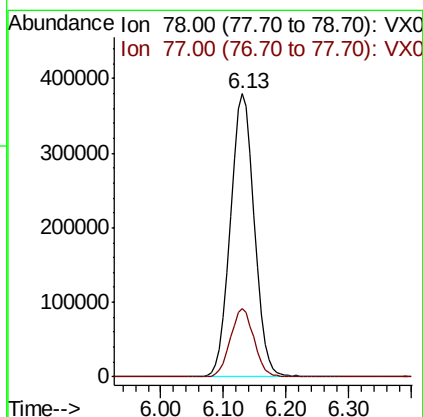
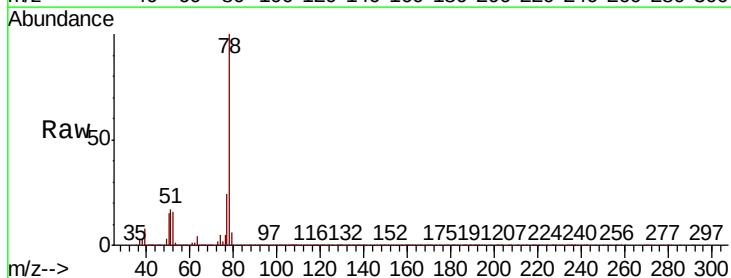
Instrument :
MSVOA_X
ClientSampled :

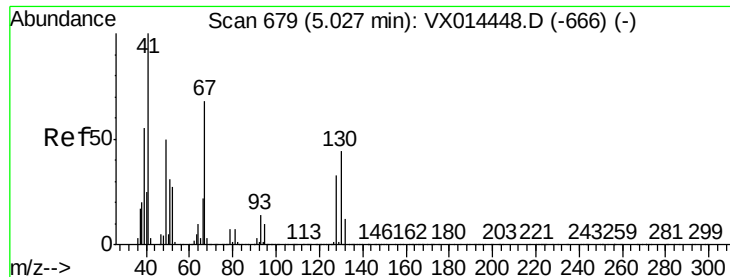
Tot Ion: 83 Resp: 425299
Ion Ratio Lower Upper
83 100
55 76.1 59.7 89.5
98 47.4 39.1 58.7



#40
Benzene
Concen: 52.545 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion: 78 Resp: 1001928
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3

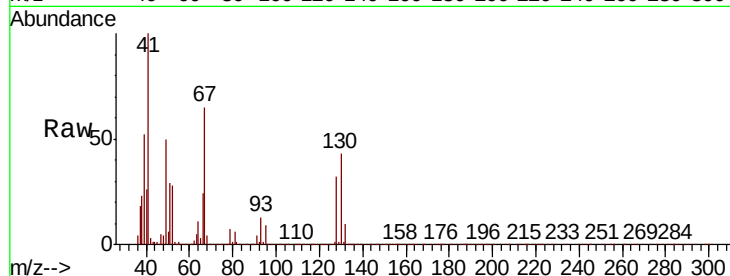




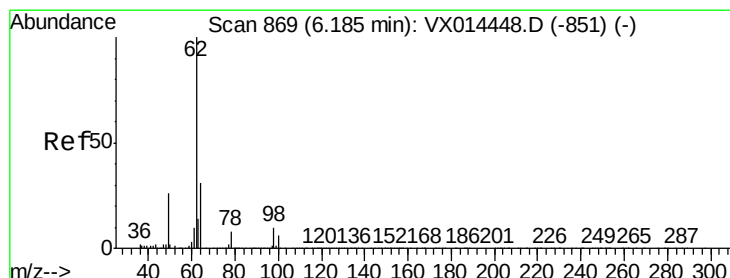
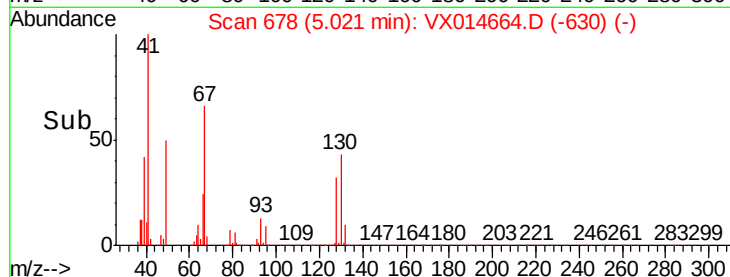
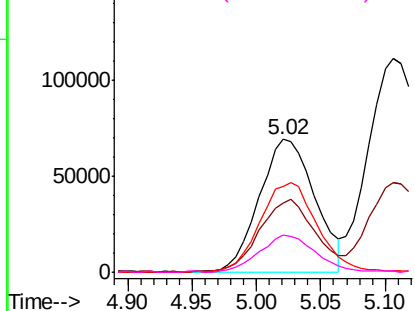
#41
Methacrylonitrile
Concen: 55.571 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	41	Resp	206803
Ion	Ratio	Lower	Upper
41	100		
39	53.1	43.6	65.4
67	69.4	57.9	86.9
52	27.7	23.0	34.6

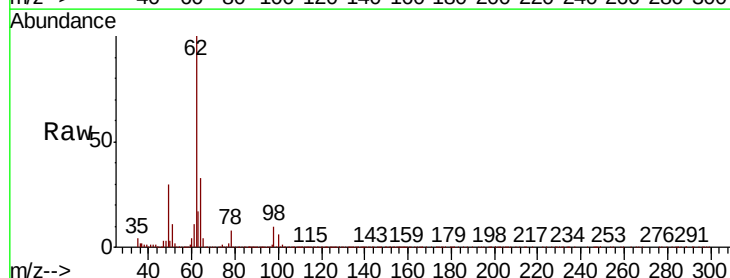


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

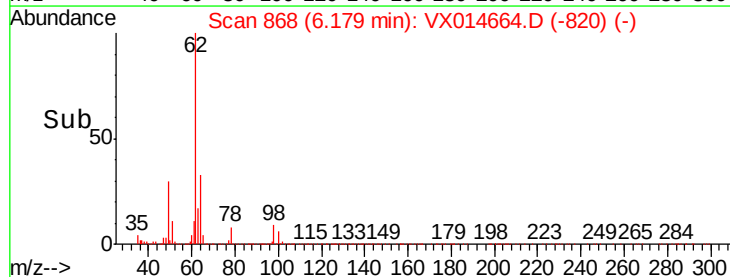
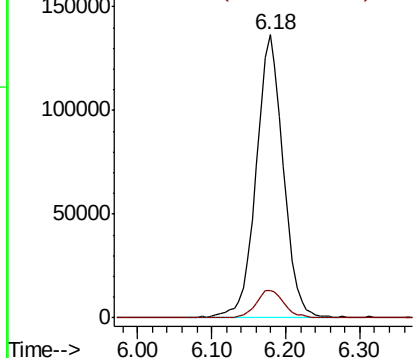


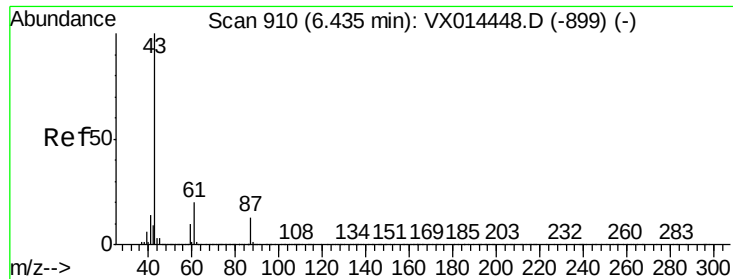
#42
1,2-Dichloroethane
Concen: 52.029 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion	62	Resp	346876
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 53.913 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

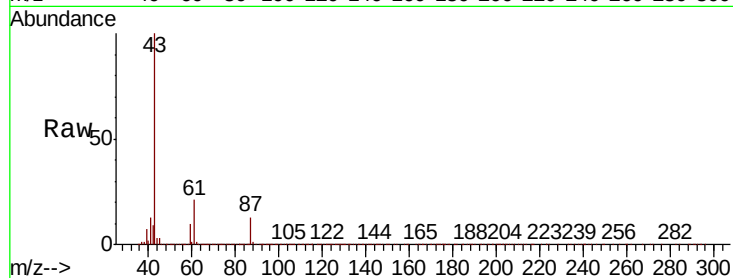
Tot Ion: 43 Resp: 607770

Ion Ratio Lower Upper

43 100

61 20.5 16.6 24.8

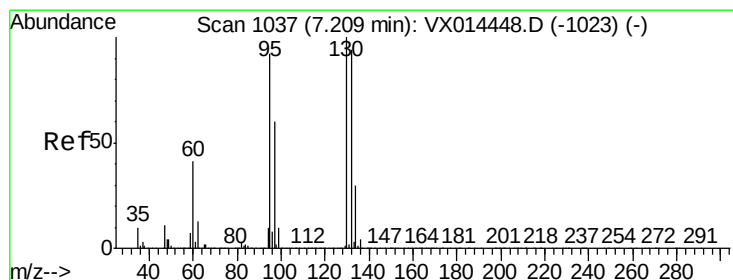
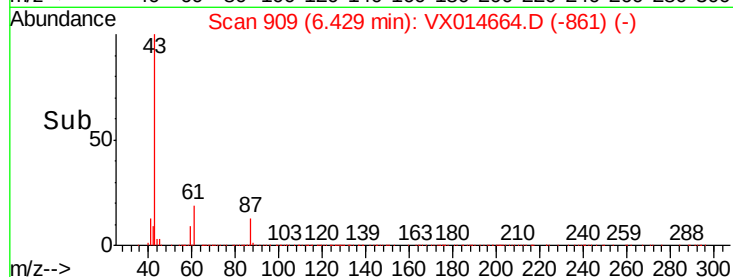
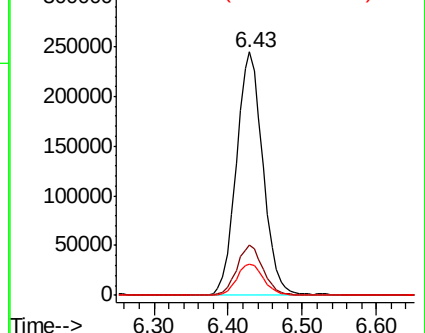
87 12.9 10.8 16.2



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: 49.944 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014664.D

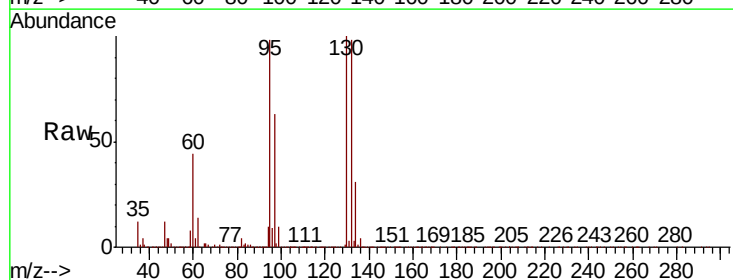
Acq: 20 Jan 2020 09:59

Tgt Ion:130 Resp: 273681

Ion Ratio Lower Upper

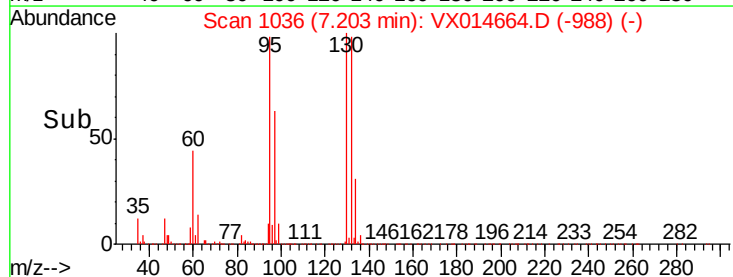
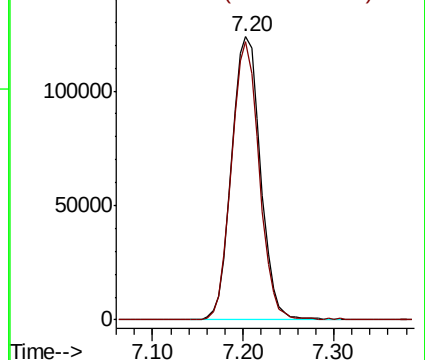
130 100

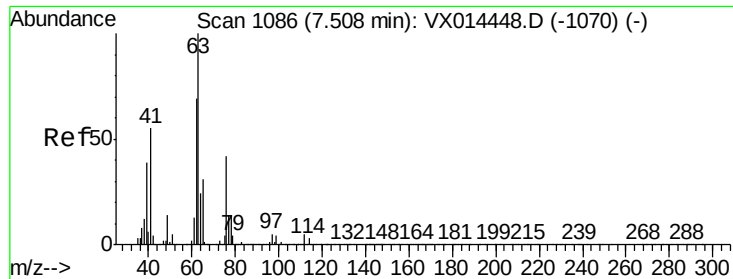
95 98.2 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

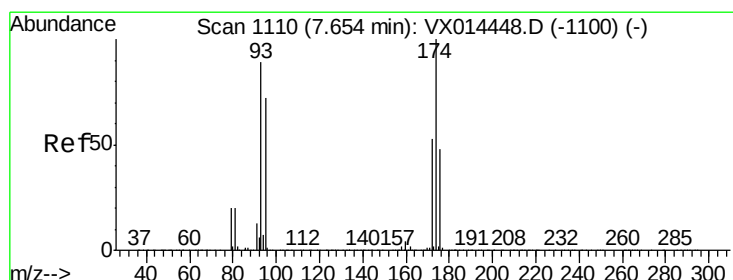
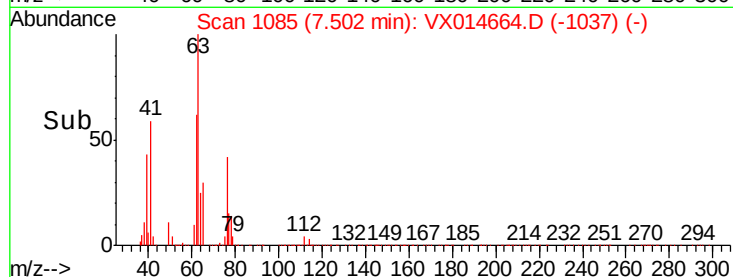
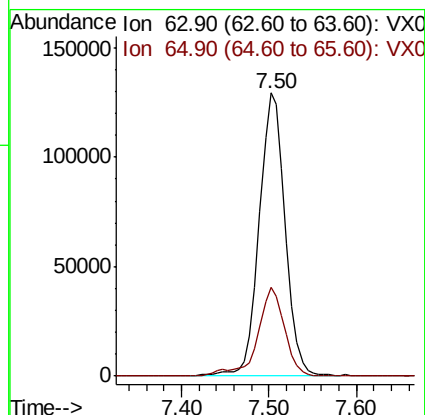
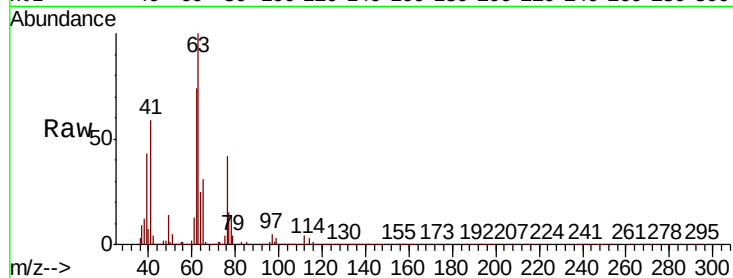




#45
 1,2-Dichloropropane
 Concen: 54.607 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

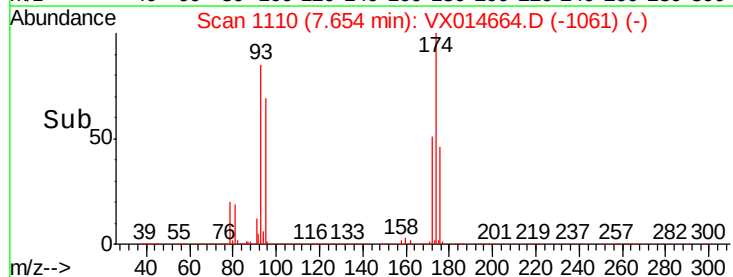
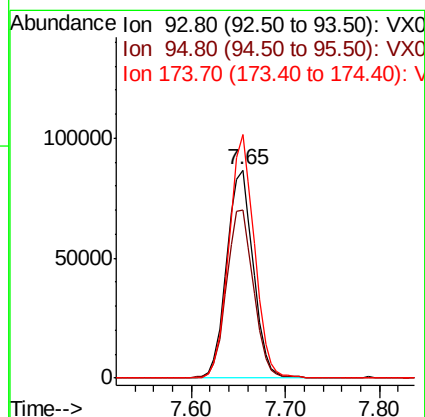
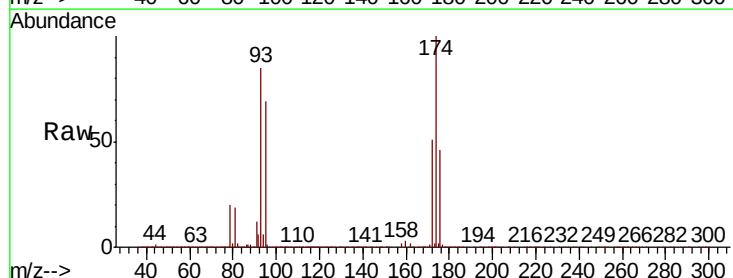
Instrument :
 MSVOA_X
 ClientSampleId :

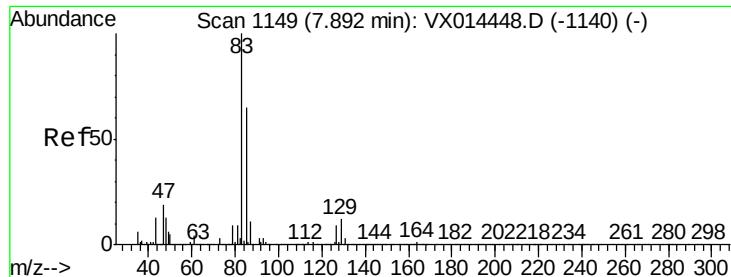
Tot Ion: 63 Resp: 265468
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.8 37.2



#46
 Dibromomethane
 Concen: 49.919 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Tgt Ion: 93 Resp: 169380
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.4 98.2
 174 113.1 93.0 139.4





#47

Bromodichloromethane

Concen: 55.697 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

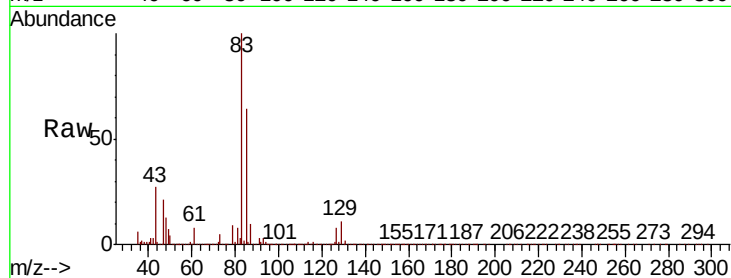
Tot Ion: 83 Resp: 343874

Ion Ratio Lower Upper

83 100

85 63.5 51.7 77.5

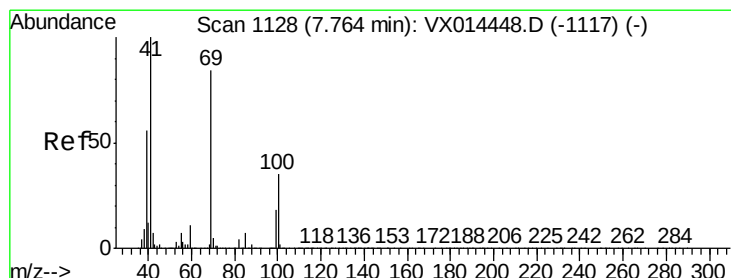
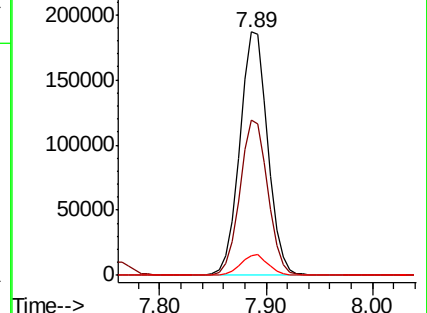
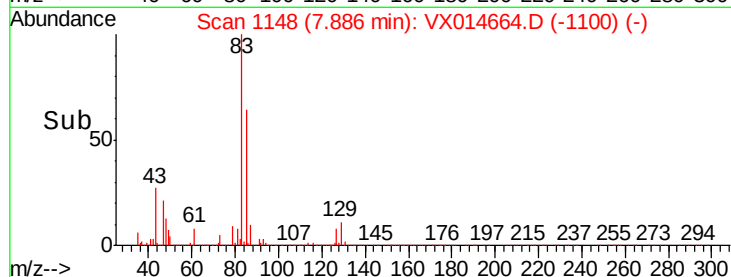
127 8.1 7.1 10.7



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: 56.464 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

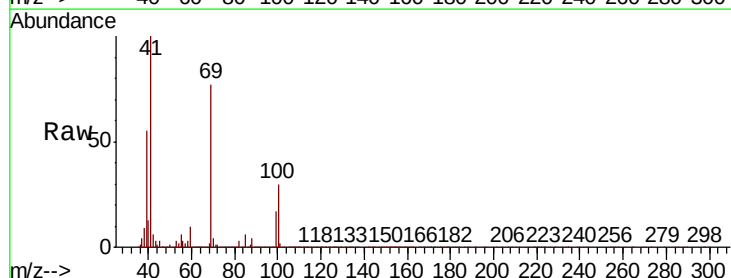
Tgt Ion: 41 Resp: 304860

Ion Ratio Lower Upper

41 100

69 79.0 65.5 98.3

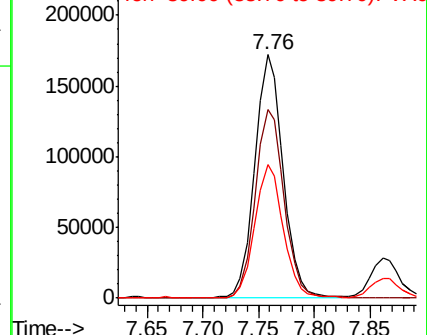
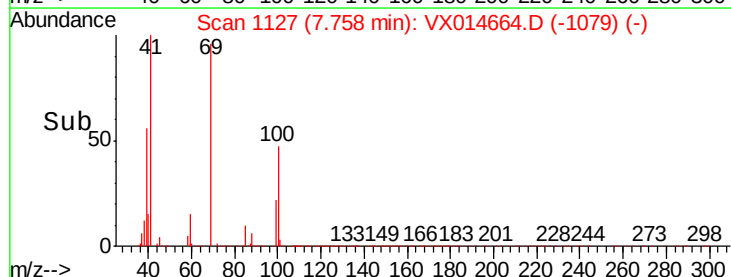
39 55.0 43.9 65.9

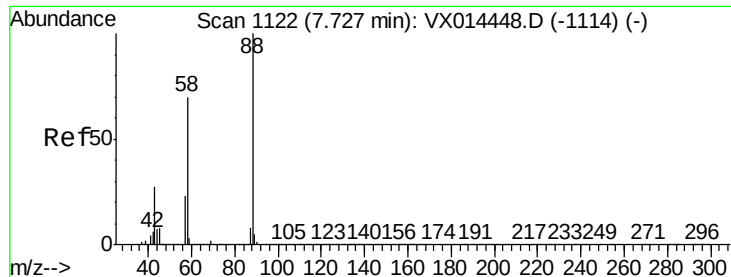


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 954.492 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

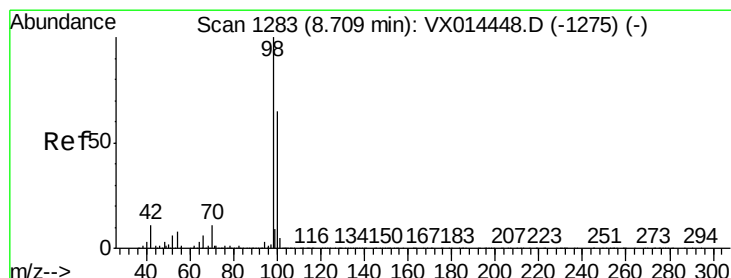
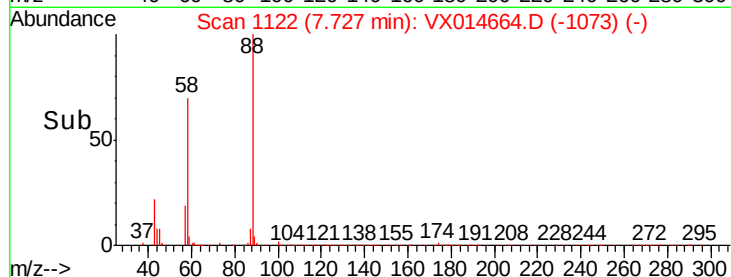
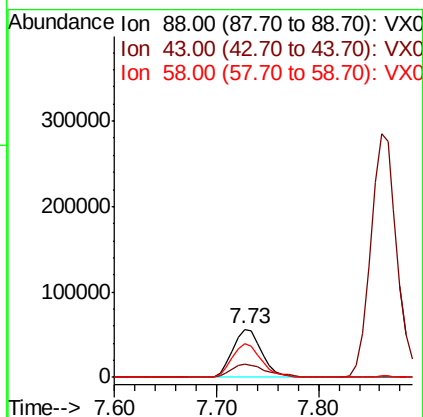
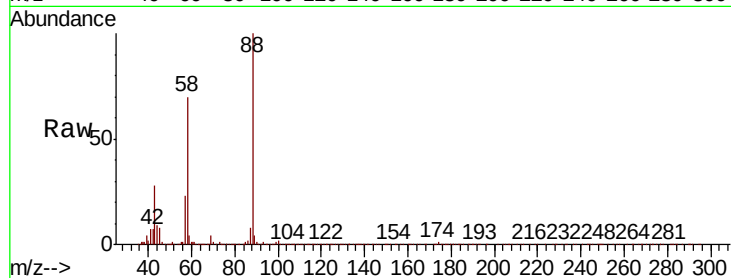
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 109198

Ion	Ratio	Lower	Upper
88	100		
43	33.4	27.4	41.0
58	70.6	57.1	85.7



#50

Toluene-d8

Concen: 50.172 ug/l

RT: 8.71 min Scan# 1283

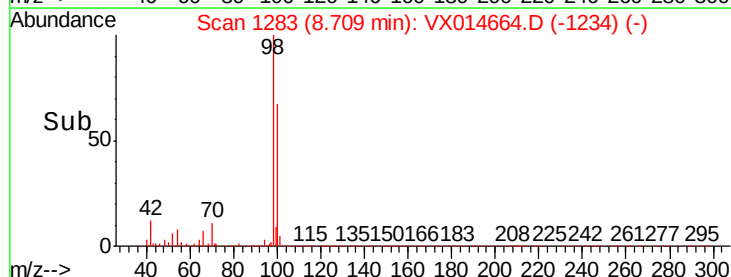
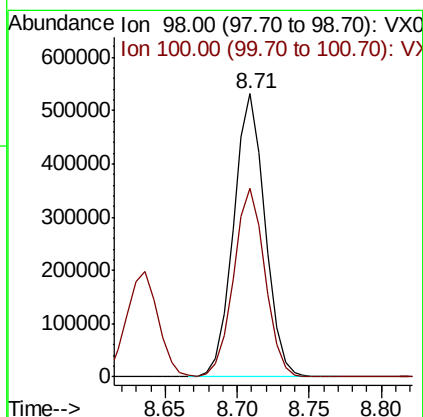
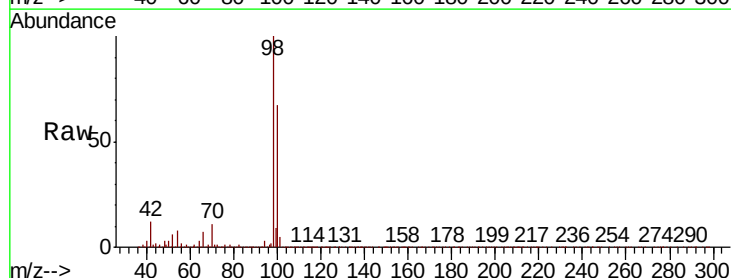
Delta R.T. 0.00 min

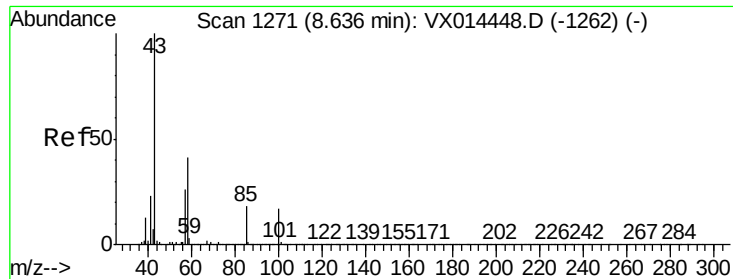
Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Tgt Ion: 98 Resp: 805192

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 275.760 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

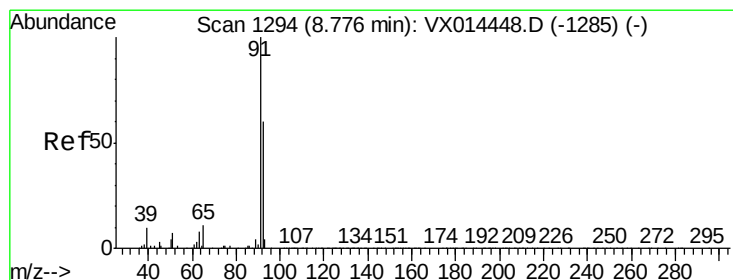
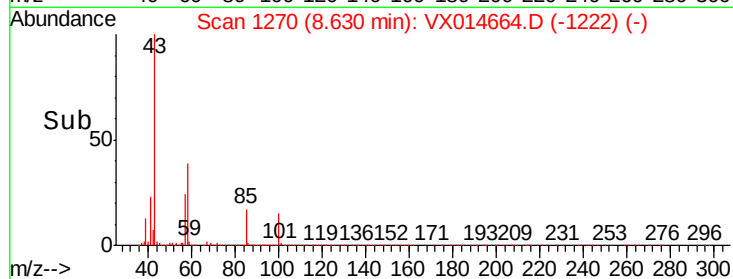
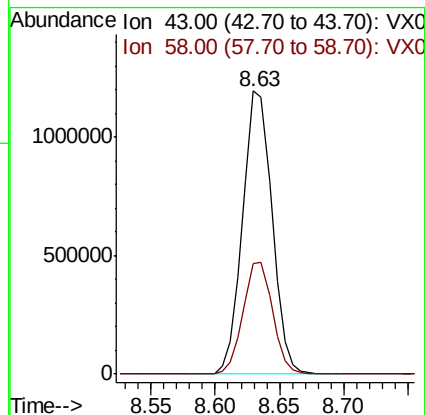
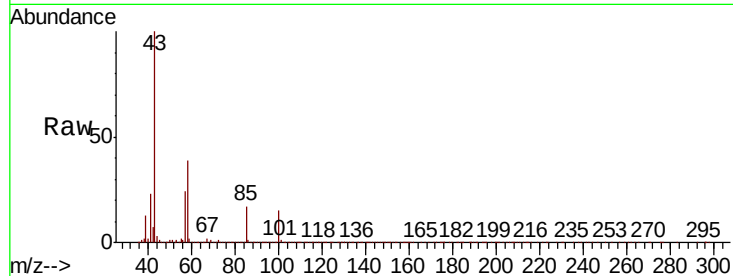
ClientSampleId :

Tot Ion: 43 Resp: 1894346

Ion Ratio Lower Upper

43 100

58 39.4 32.4 48.6



#52

Toluene

Concen: 52.113 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014664.D

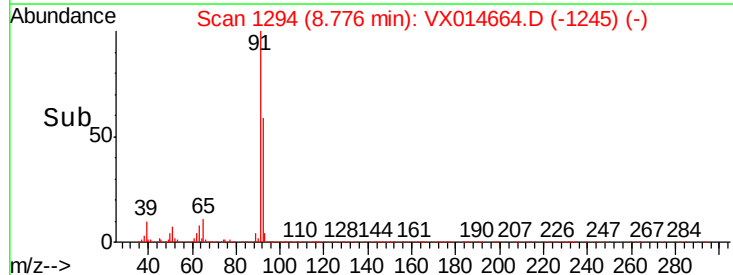
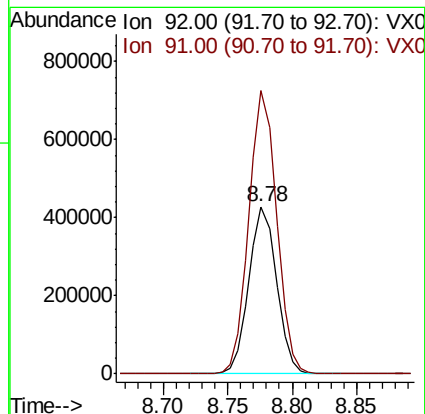
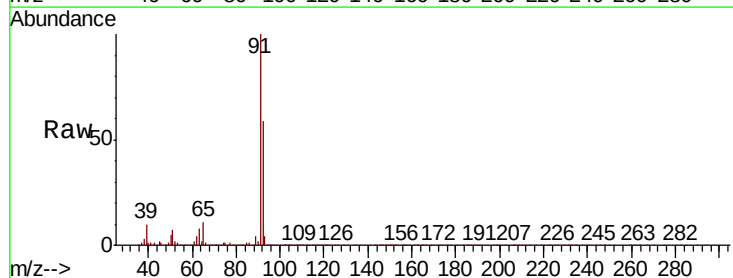
Acq: 20 Jan 2020 09:59

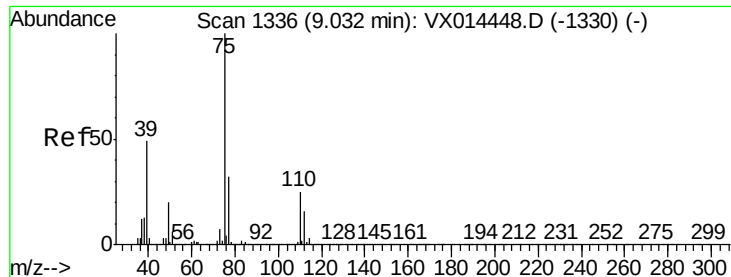
Tgt Ion: 92 Resp: 636103

Ion Ratio Lower Upper

92 100

91 169.6 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 53.289 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

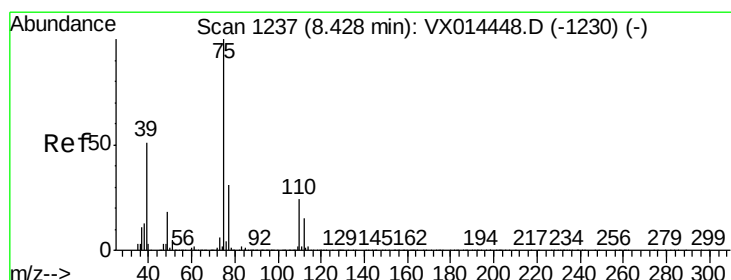
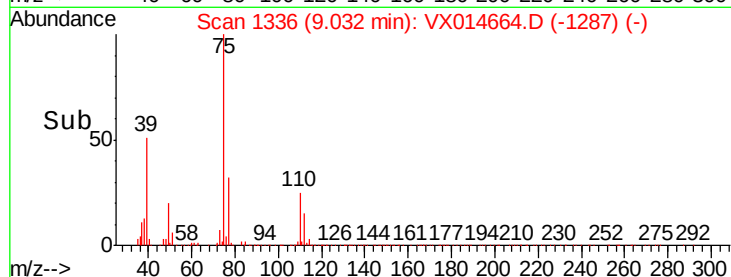
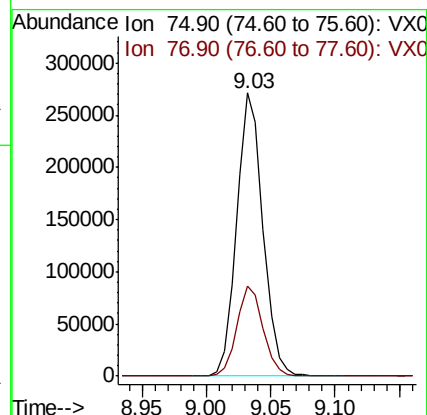
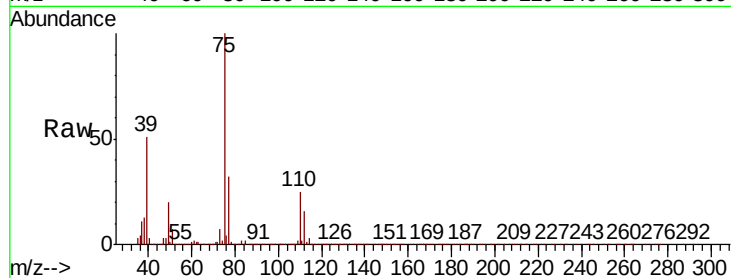
ClientSampleId :

Tot Ion: 75 Resp: 383037

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 54.438 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

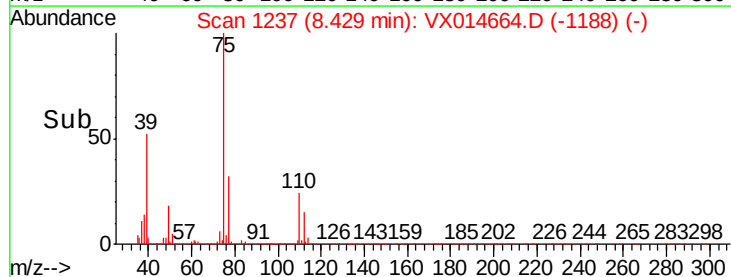
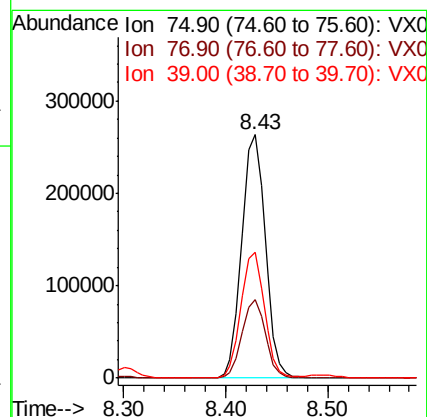
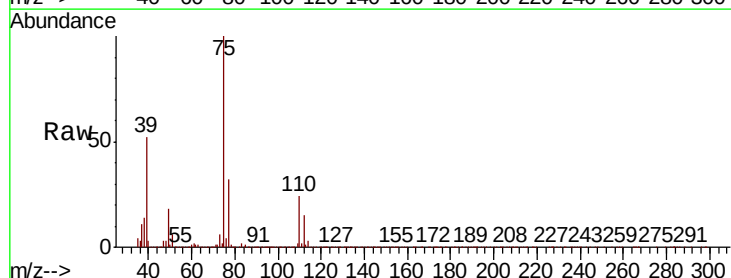
Tgt Ion: 75 Resp: 422698

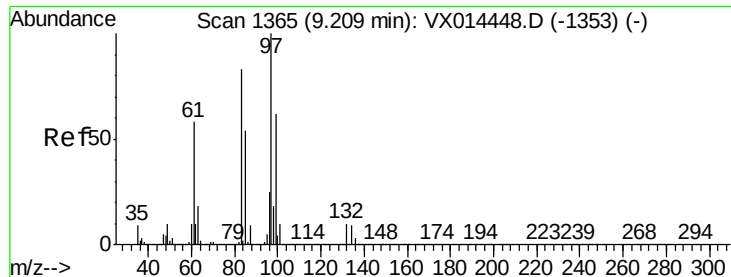
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4

39 51.5 40.7 61.1

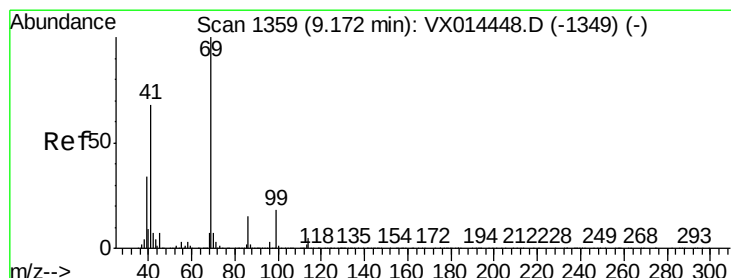
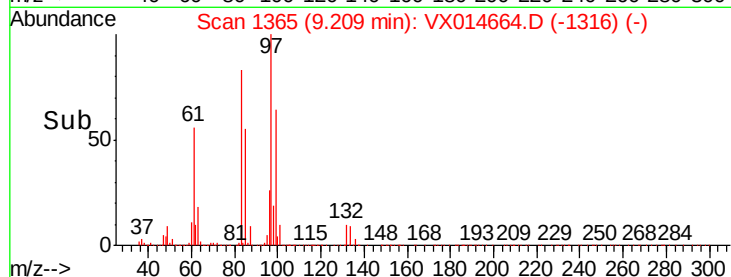
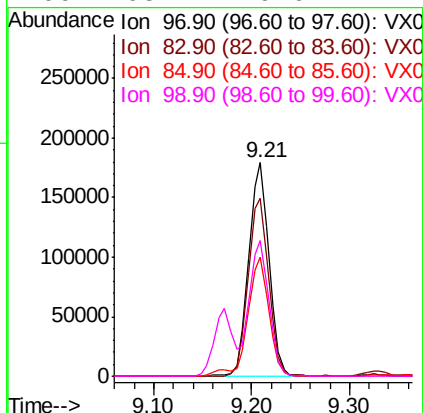
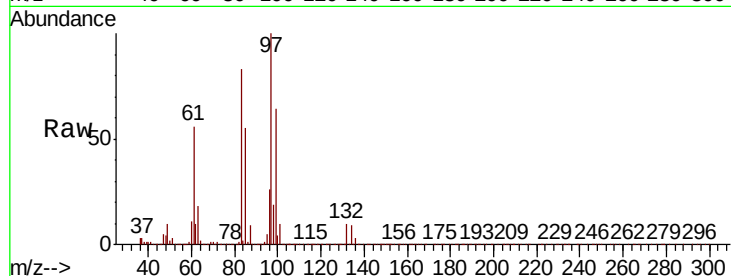




#55
 1,1,2-Trichloroethane
 Concen: 52.694 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

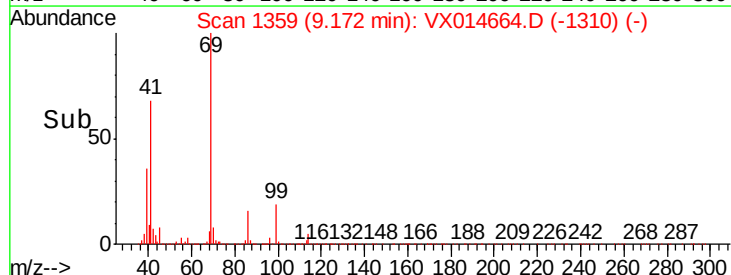
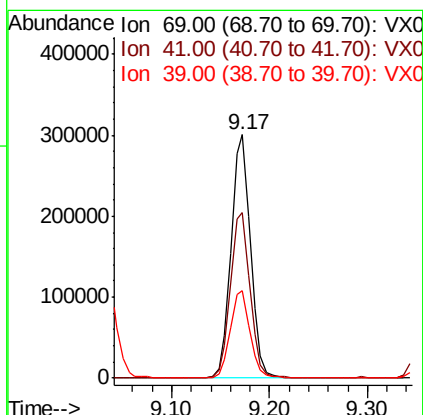
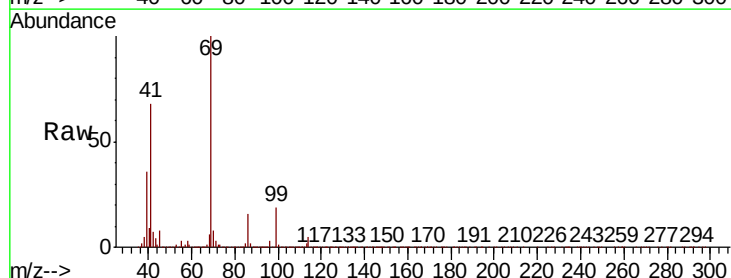
Instrument :
 MSVOA_X
 ClientSampleId :

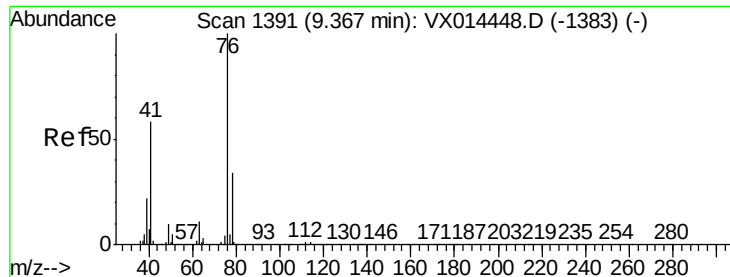
Tot Ion:	97	Resp:	258348
Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.4	99.6
85	55.4	43.4	65.2
99	63.7	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 54.866 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Tgt Ion:	69	Resp:	412113
Ion	Ratio	Lower	Upper
69	100		
41	68.9	54.2	81.2
39	36.4	28.2	42.2





#57

1,3-Dichloropropane

Concen: 53.379 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

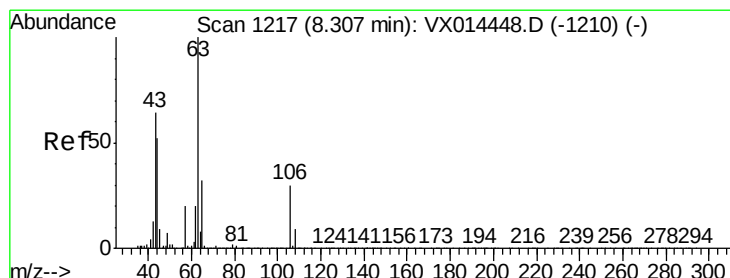
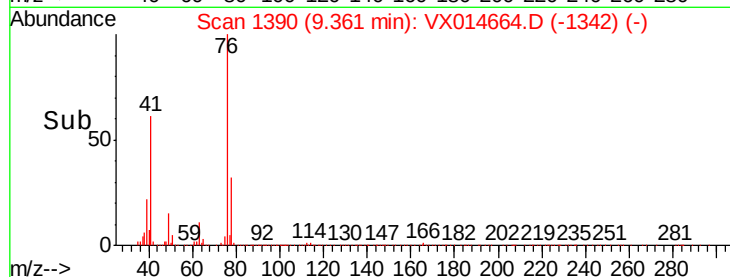
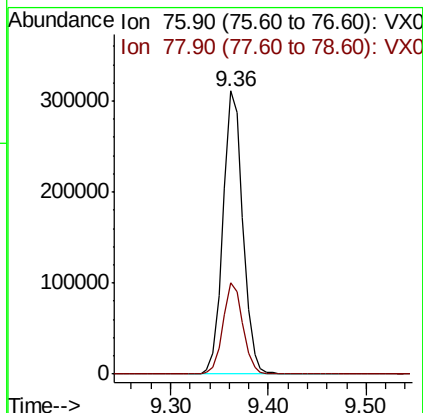
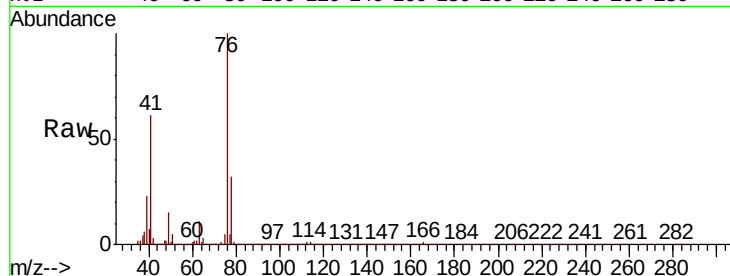
ClientSampleId :

Tot Ion: 76 Resp: 437573

Ion Ratio Lower Upper

76 100

78 32.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 307.256 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014664.D

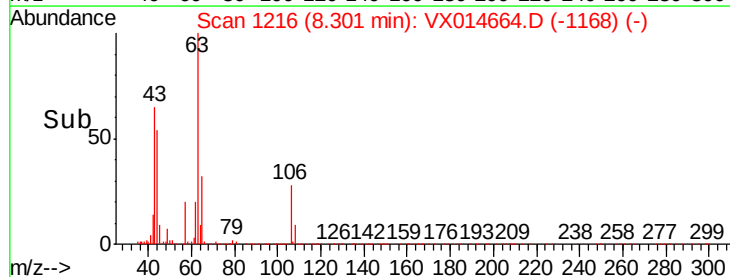
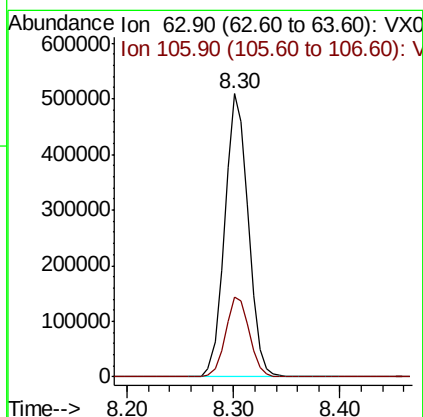
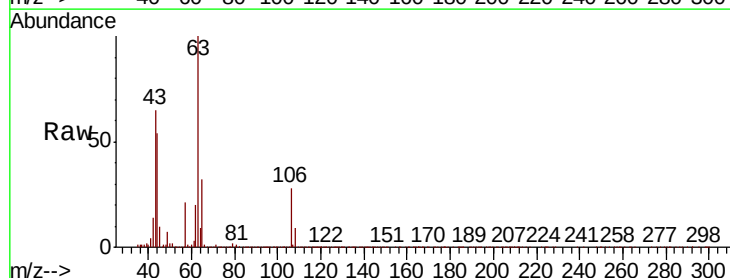
Acq: 20 Jan 2020 09:59

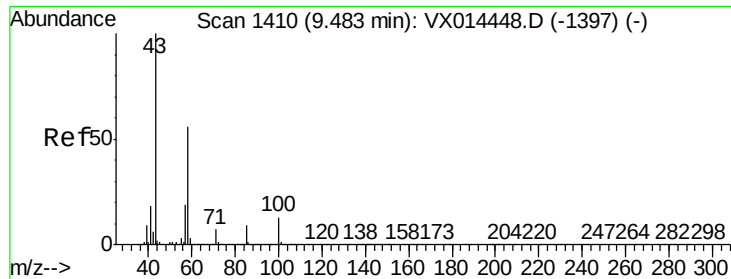
Tgt Ion: 63 Resp: 785221

Ion Ratio Lower Upper

63 100

106 28.6 23.6 35.4

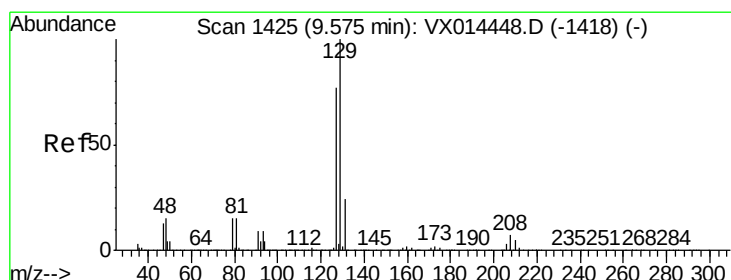
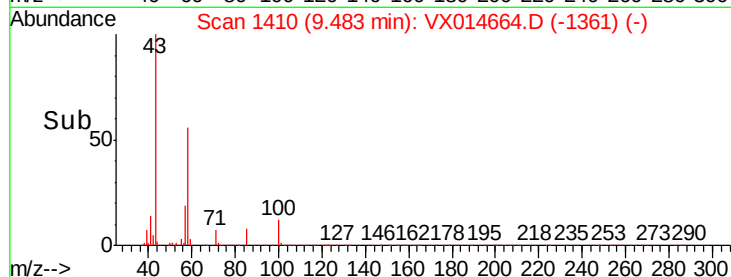
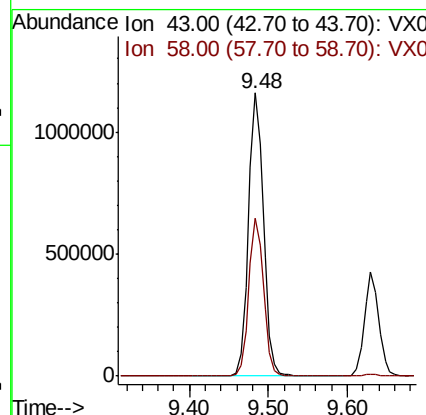
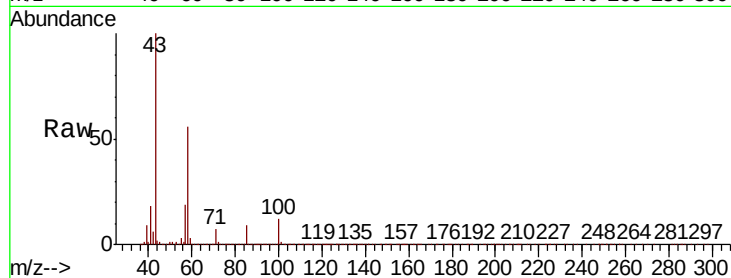




#59
2-Hexanone
Concen: 281.565 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

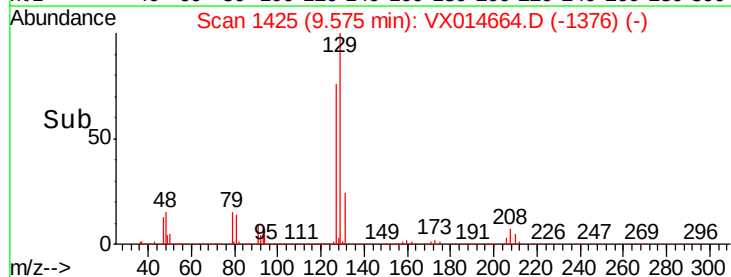
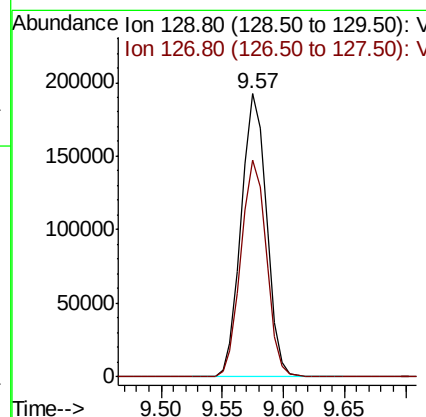
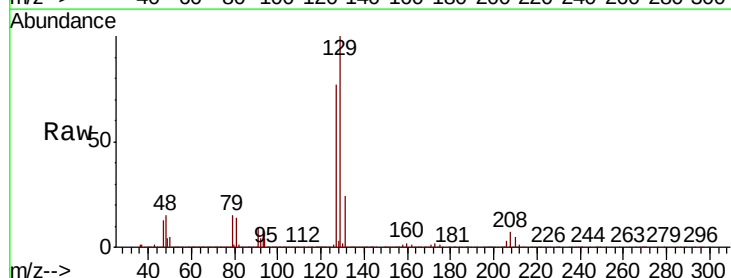
Instrument :
MSVOA_X
ClientSampled :

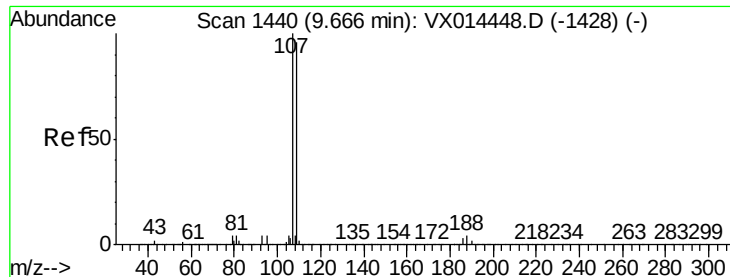
Tot Ion: 43 Resp: 1530437
Ion Ratio Lower Upper
43 100
58 55.2 27.9 83.7



#60
Dibromochloromethane
Concen: 56.203 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion: 129 Resp: 276963
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.373 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

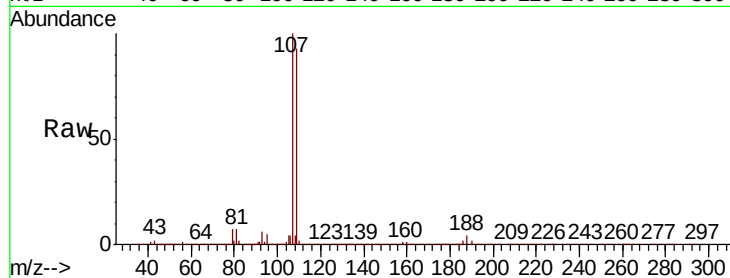
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 107 Resp: 266805

Ion Ratio Lower Upper

107 100

109 94.6 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

150000

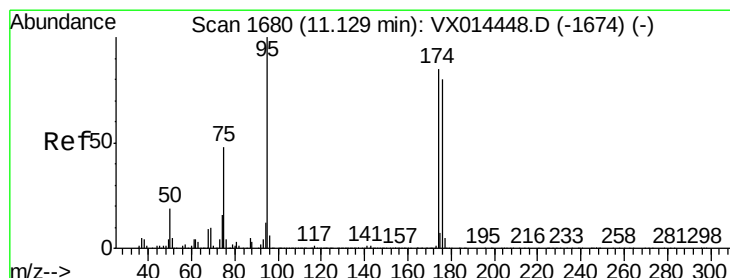
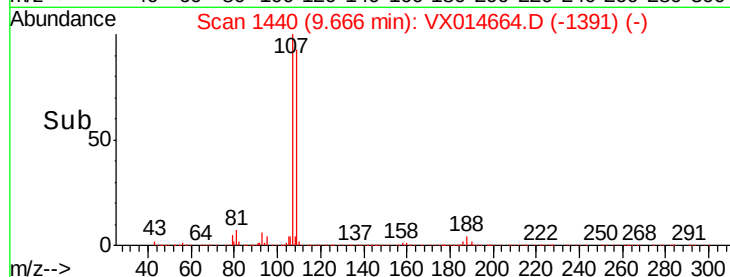
100000

50000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.350 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

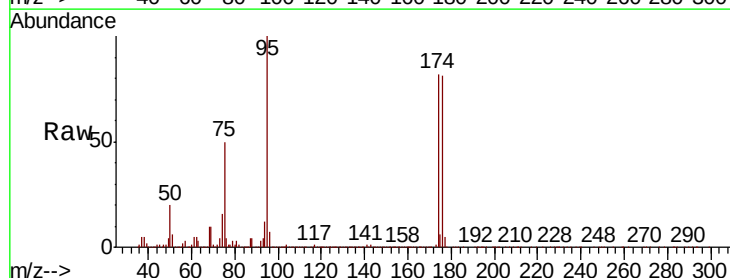
Tgt Ion: 95 Resp: 290749

Ion Ratio Lower Upper

95 100

174 87.7 0.0 180.8

176 86.4 0.0 172.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

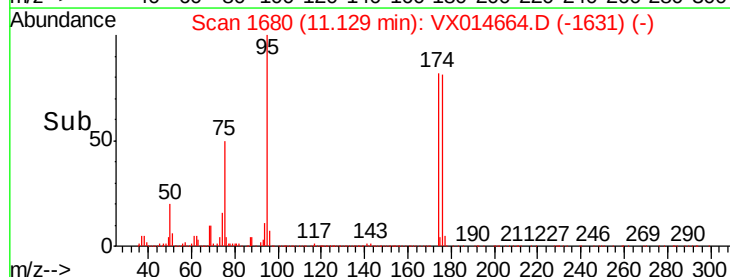
100000

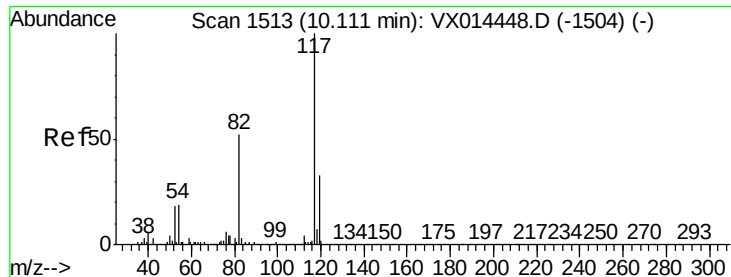
50000

0

Time-->

11.10 11.20

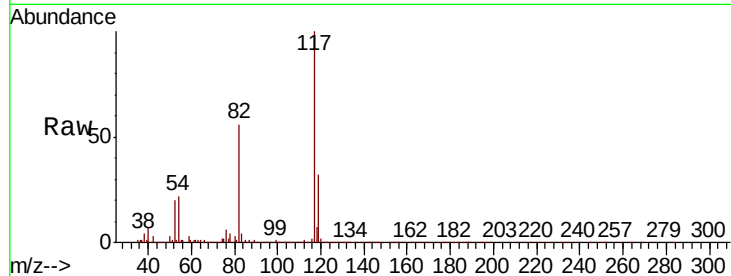




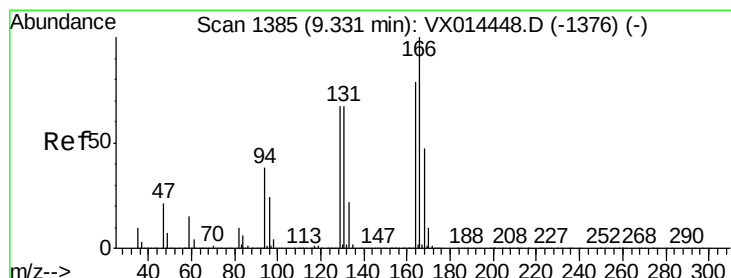
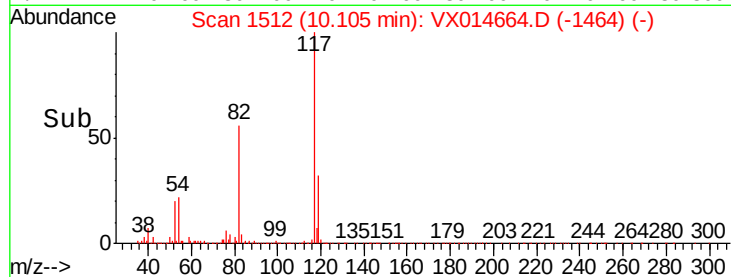
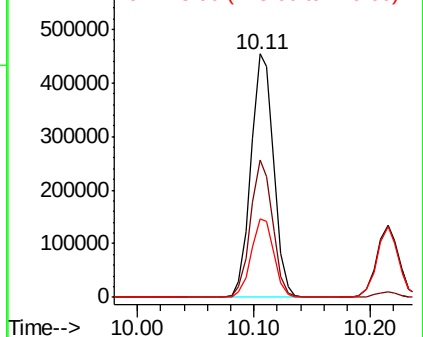
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 617562
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.6
119 32.3 26.2 39.4



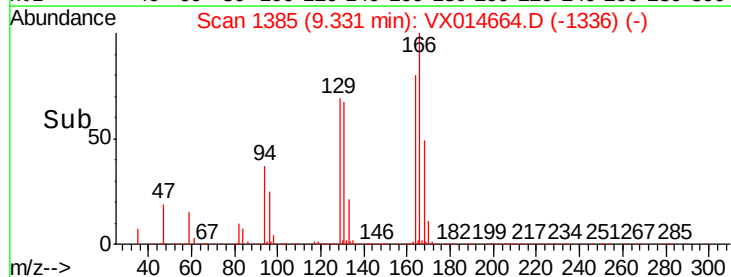
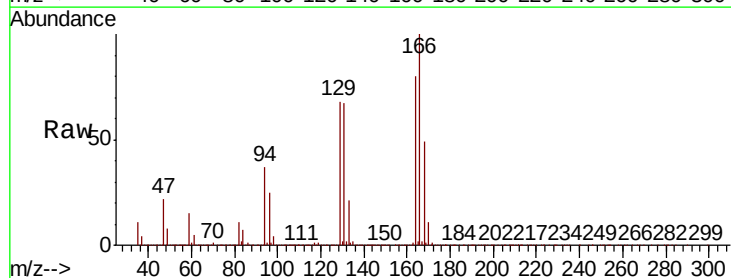
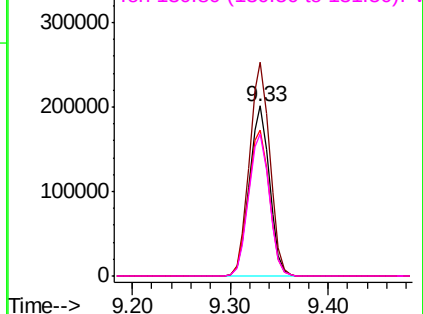
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

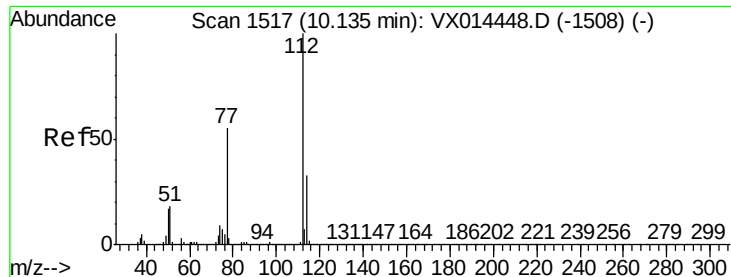


#64
Tetrachloroethene
Concen: 46.501 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion:164 Resp: 287813
Ion Ratio Lower Upper
164 100
166 125.7 101.2 151.8
129 86.0 68.3 102.5
131 83.9 67.4 101.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

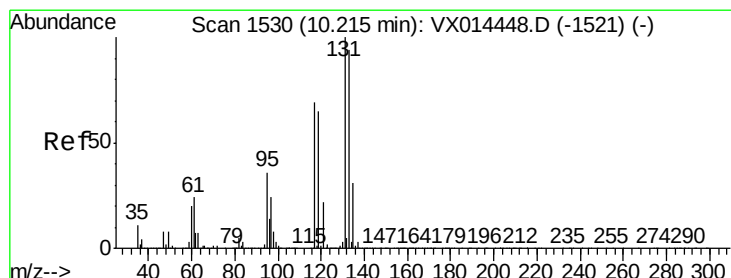
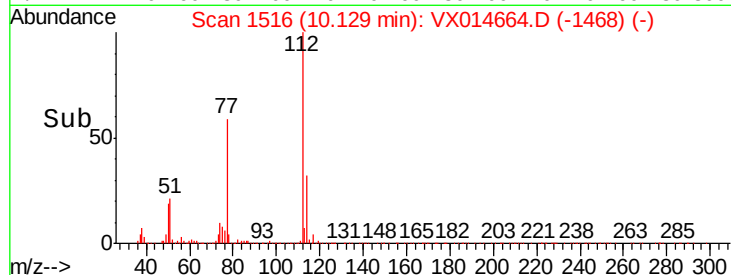
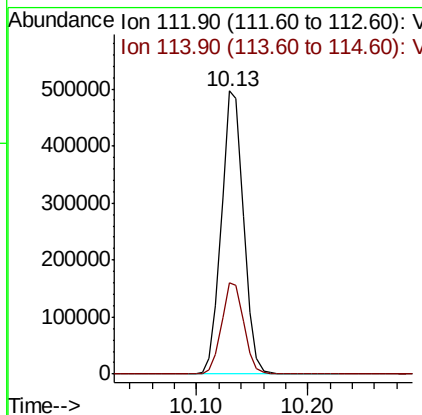
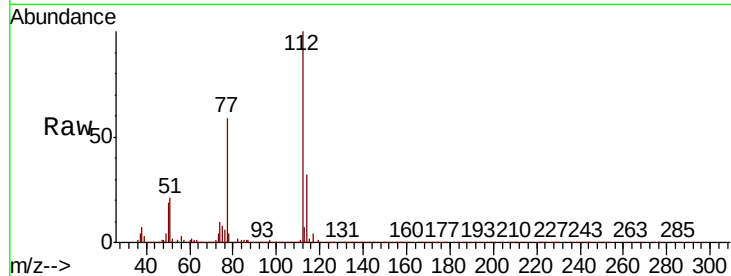




#65
Chlorobenzene
Concen: 50.987 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

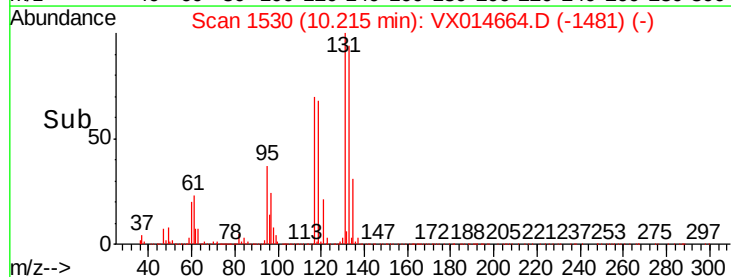
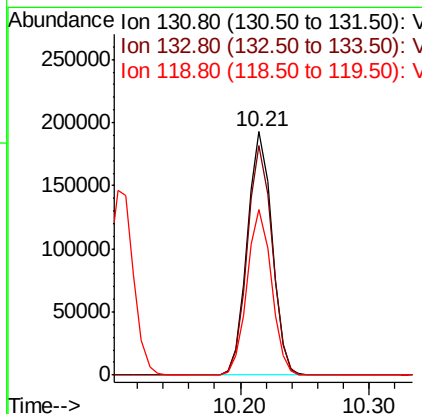
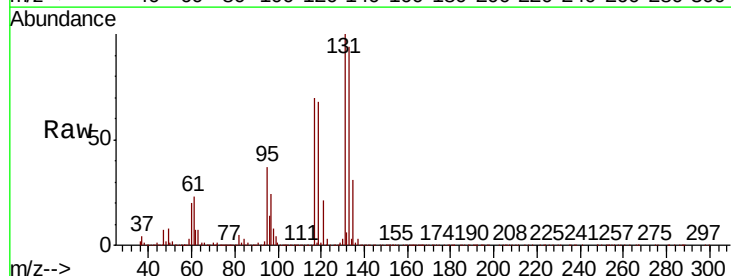
Instrument :
MSVOA_X
ClientSampleId :

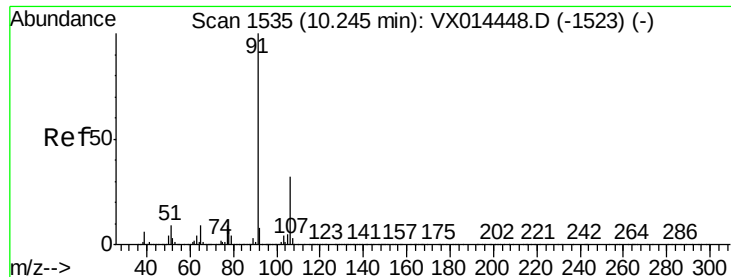
Tot Ion:112 Resp: 683330
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.259 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion:131 Resp: 254730
Ion Ratio Lower Upper
131 100
133 94.9 47.3 142.0
119 67.3 32.8 98.4

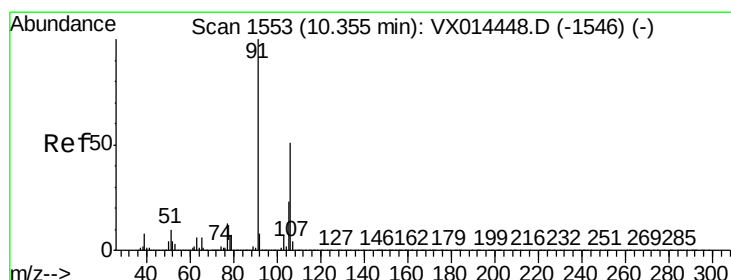
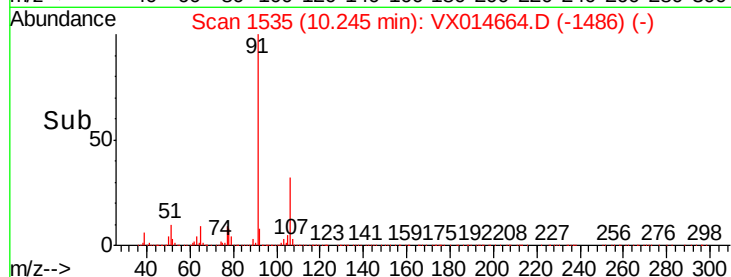
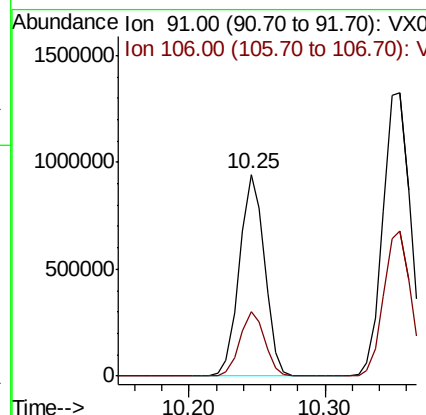
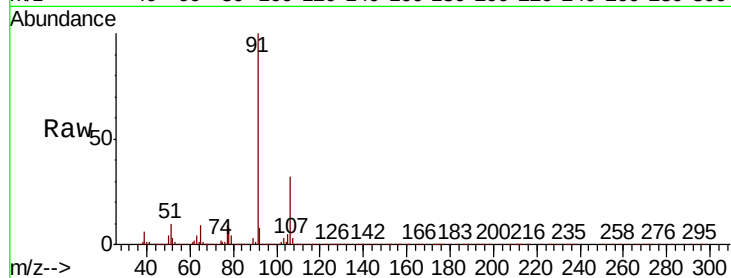




#67
Ethyl Benzene
Concen: 53.162 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

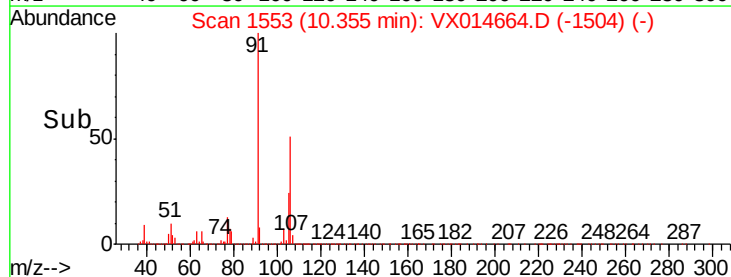
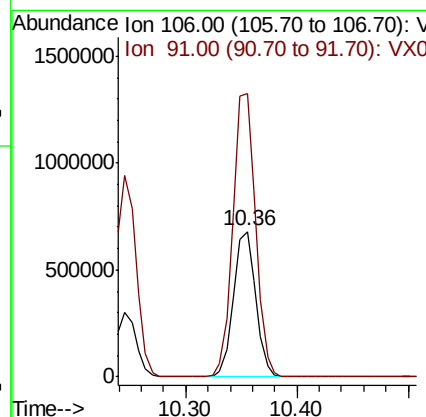
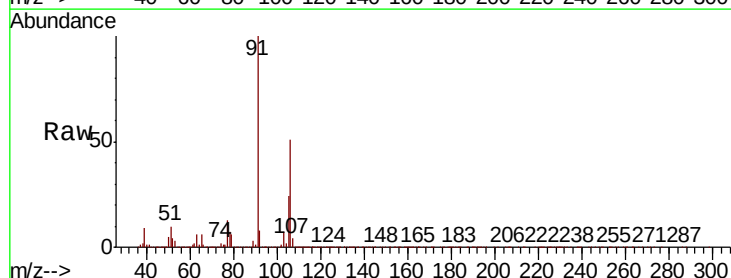
Instrument :
MSVOA_X
ClientSampleId :

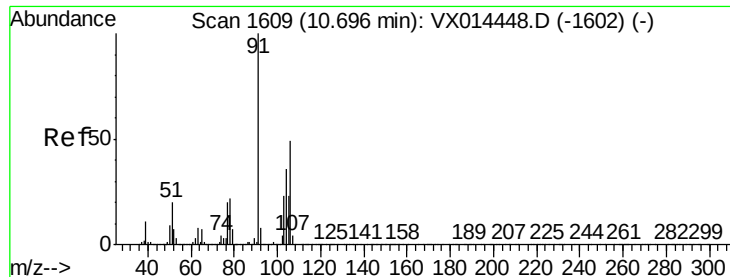
Tot Ion: 91 Resp: 1214379
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4



#68
m/p-Xylenes
Concen: 105.931 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion: 106 Resp: 933542
Ion Ratio Lower Upper
106 100
91 199.8 157.4 236.0

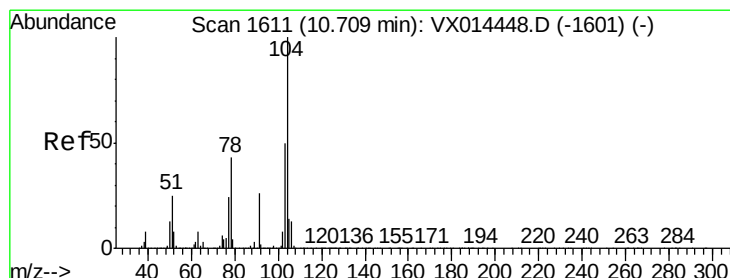
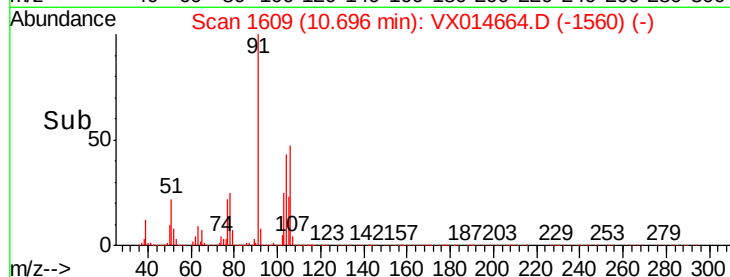
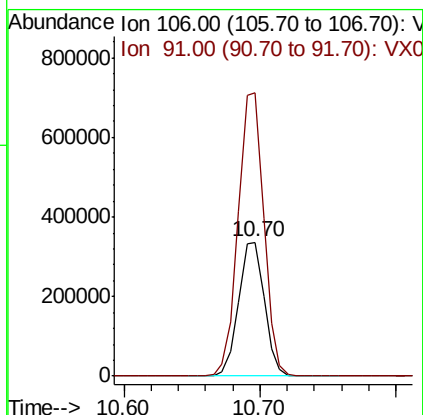
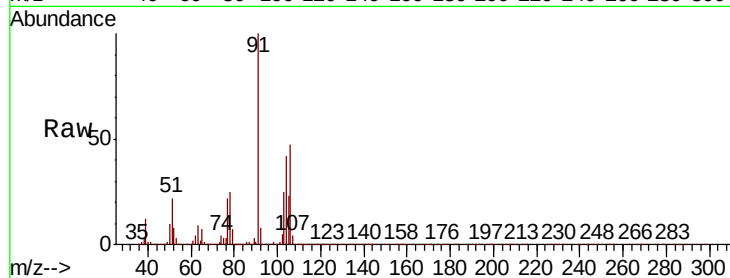




#69
o-Xylene
Concen: 52.982 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

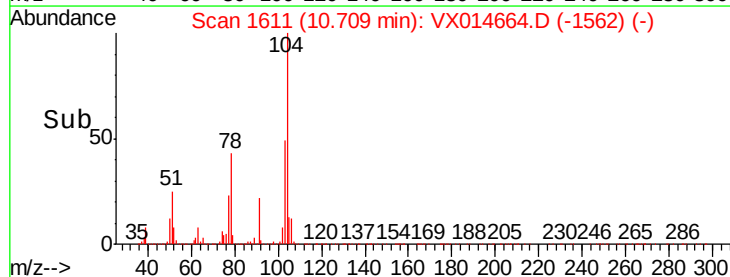
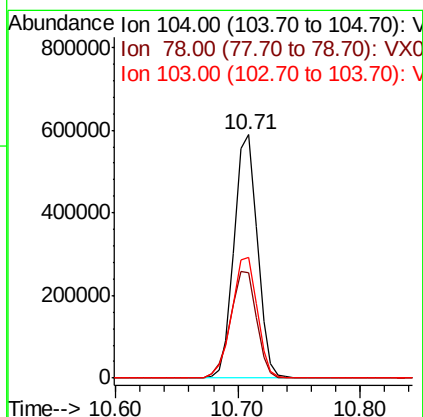
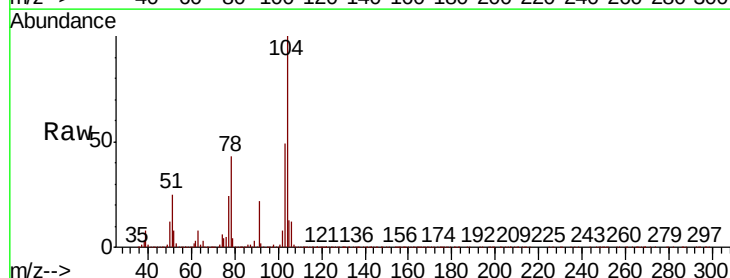
Instrument :
MSVOA_X
ClientSampleId :

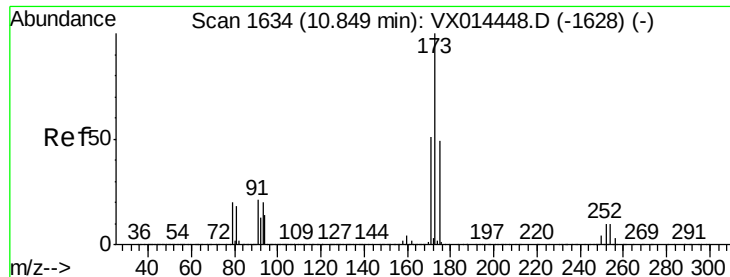
Tot Ion:106 Resp: 445499
Ion Ratio Lower Upper
106 100
91 210.2 105.1 315.1



#70
Styrene
Concen: 53.438 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion:104 Resp: 775436
Ion Ratio Lower Upper
104 100
78 48.7 38.6 58.0
103 54.3 43.7 65.5





#71

Bromoform

Concen: 53.847 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

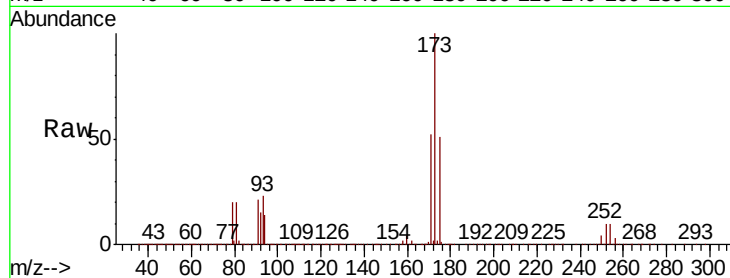
Tot Ion:173 Resp: 210712

Ion Ratio Lower Upper

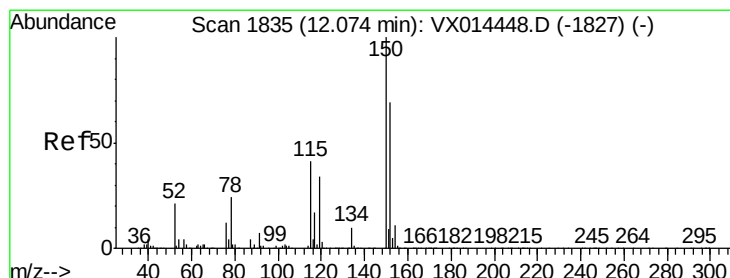
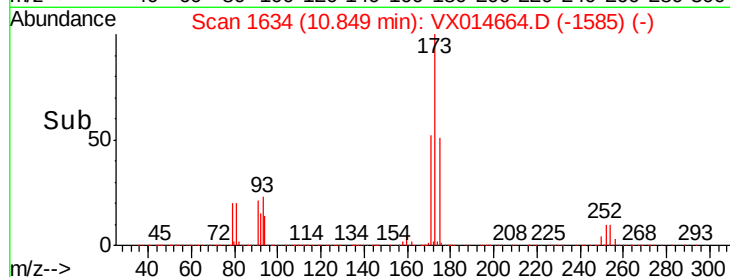
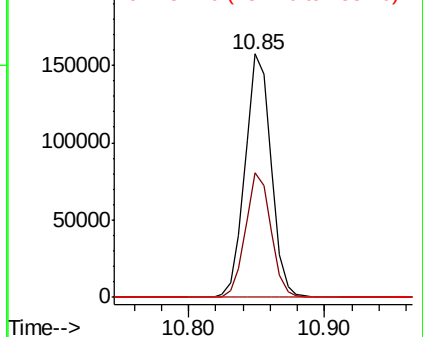
173 100

175 50.2 24.3 72.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

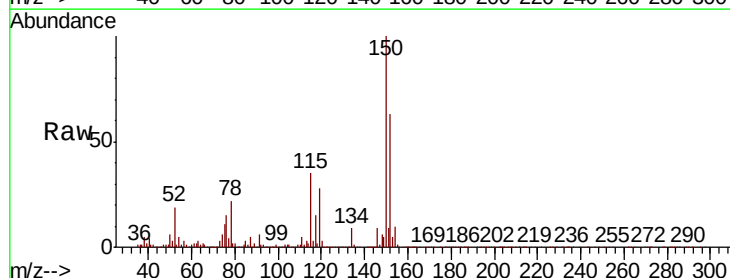
Tgt Ion:152 Resp: 317909

Ion Ratio Lower Upper

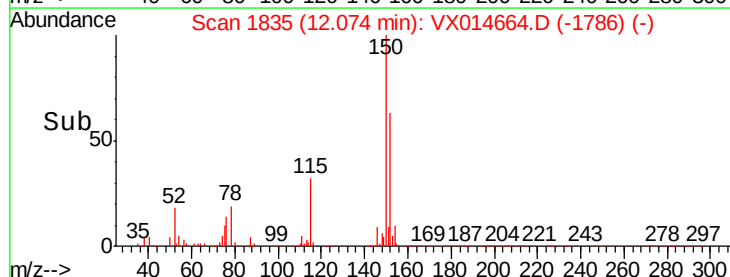
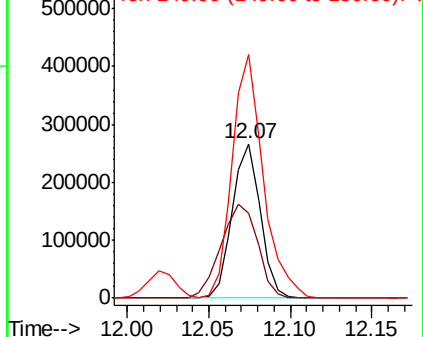
152 100

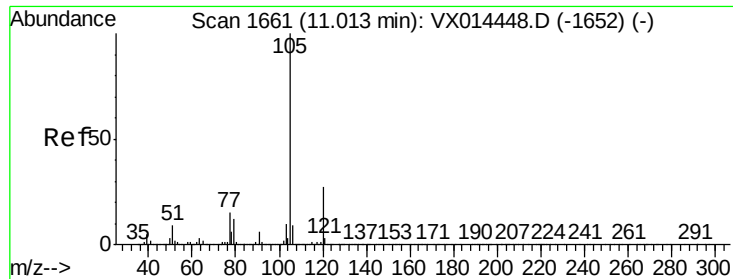
115 79.9 39.5 118.3

150 175.1 0.0 350.2



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





#73

Isopropylbenzene

Concen: 53.789 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

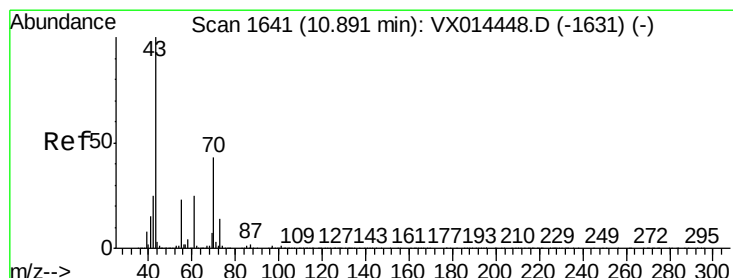
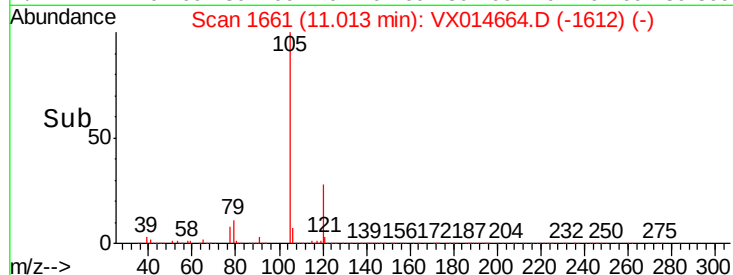
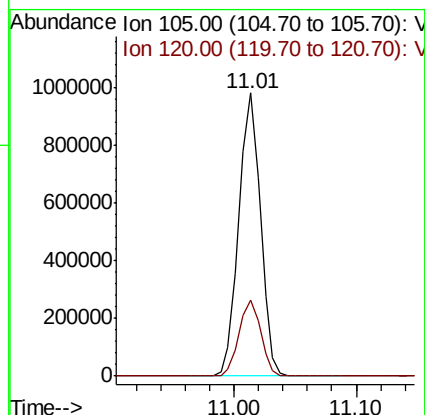
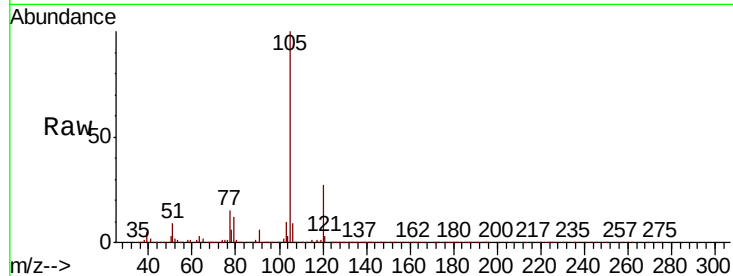
ClientSampleId :

Tot Ion:105 Resp: 1200796

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 54.297 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Tgt Ion: 43 Resp: 534771

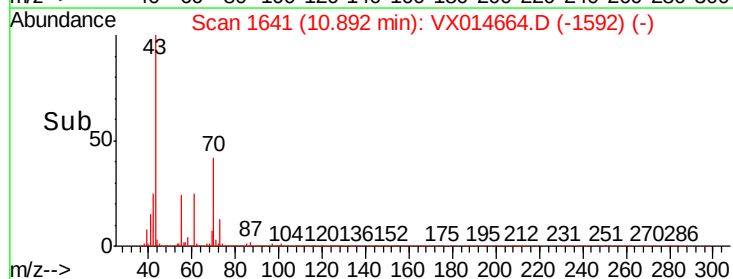
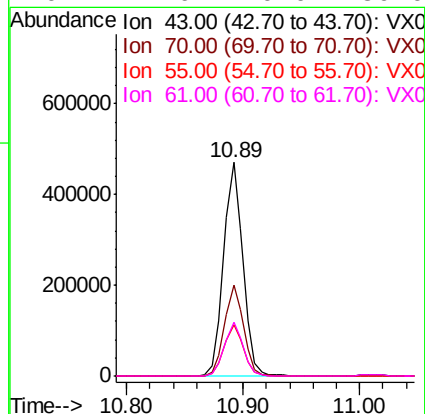
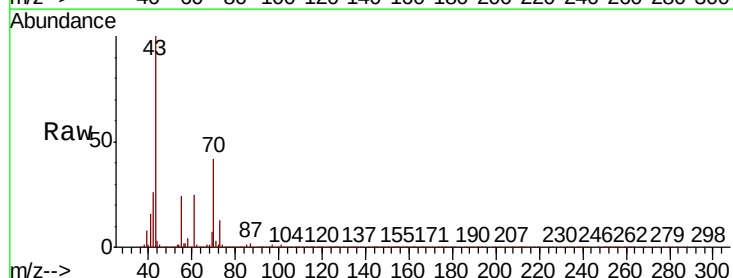
Ion Ratio Lower Upper

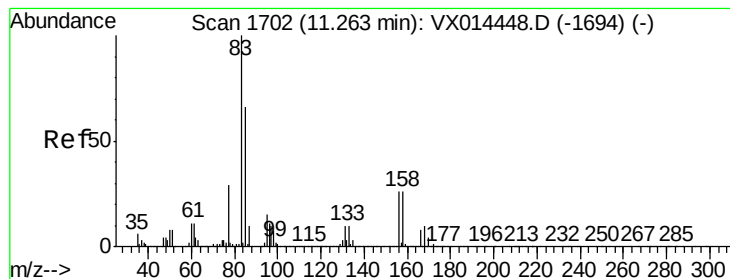
43 100

70 42.7 35.1 52.7

55 24.1 19.3 28.9

61 24.6 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.071 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampled :

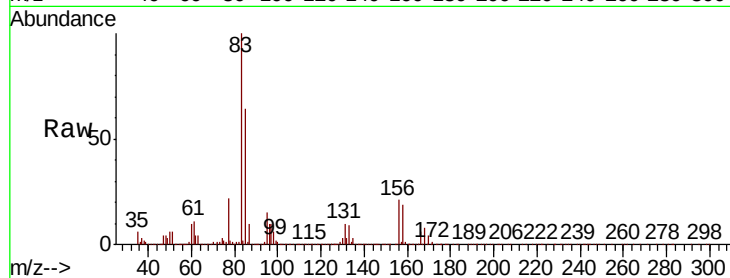
Tot Ion: 83 Resp: 387106

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

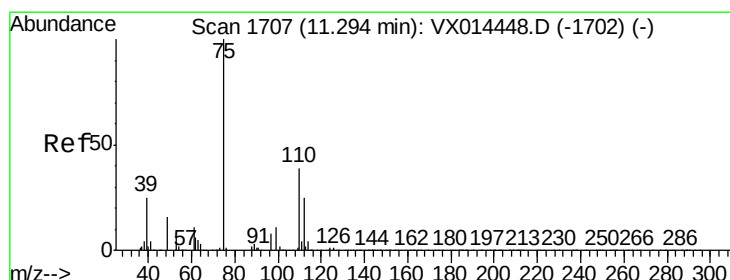
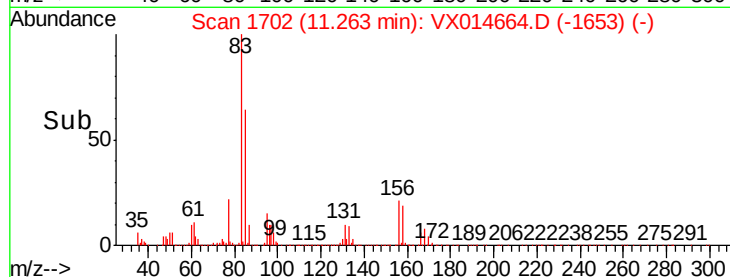
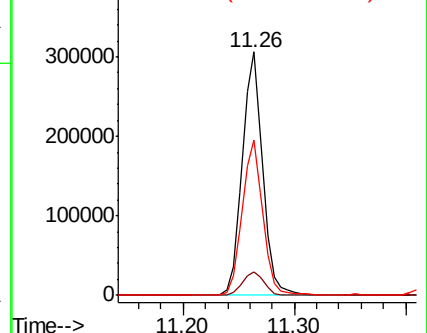
85 64.1 32.5 97.4



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: 69.637 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014664.D

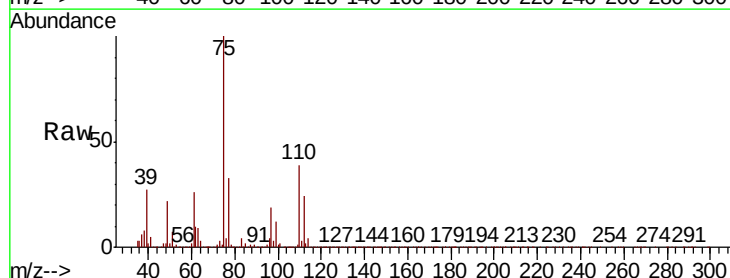
Acq: 20 Jan 2020 09:59

Tgt Ion: 75 Resp: 458045

Ion Ratio Lower Upper

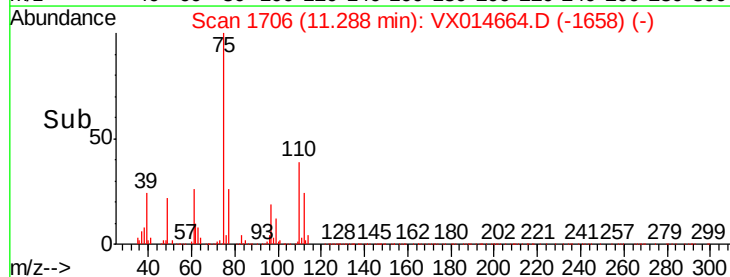
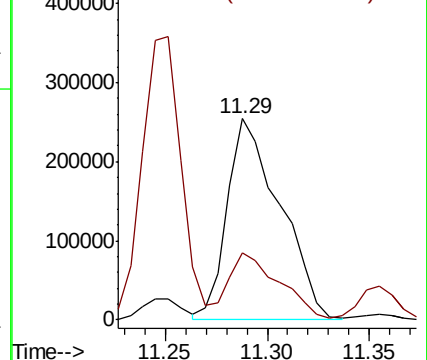
75 100

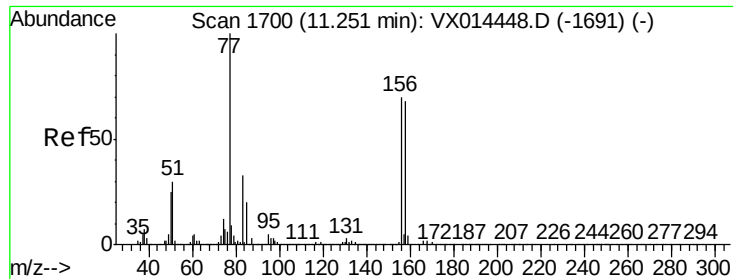
77 32.5 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.219 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

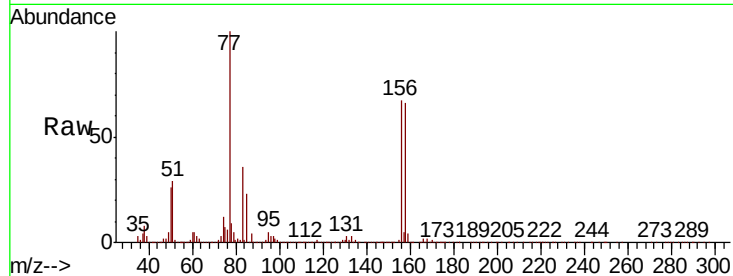
Tot Ion:156 Resp: 304713

Ion Ratio Lower Upper

156 100

77 155.6 75.4 226.3

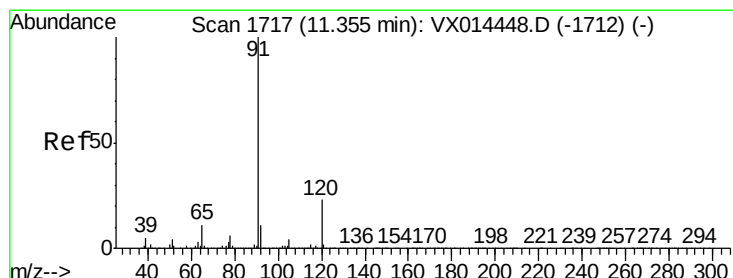
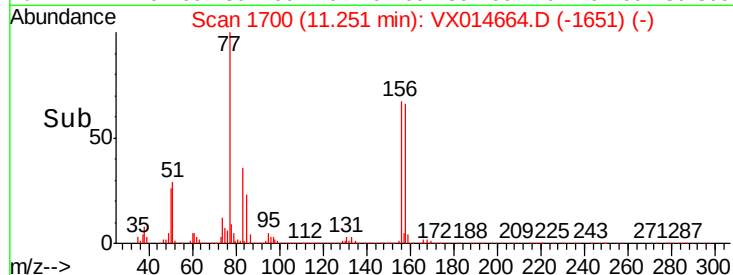
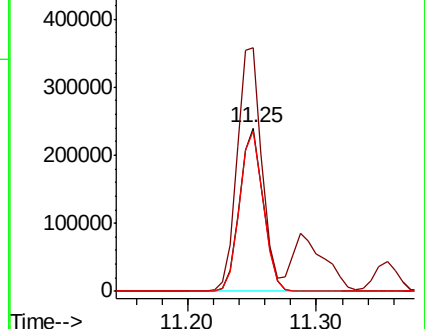
158 98.2 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.389 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014664.D

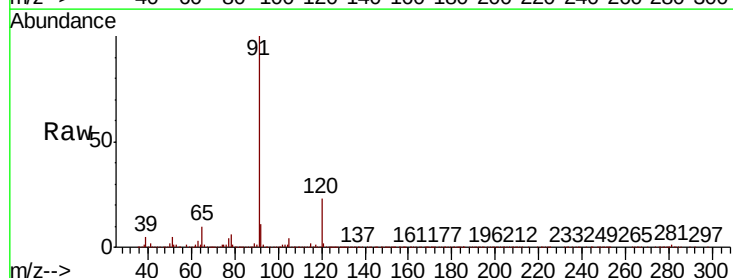
Acq: 20 Jan 2020 09:59

Tgt Ion: 91 Resp: 1390552

Ion Ratio Lower Upper

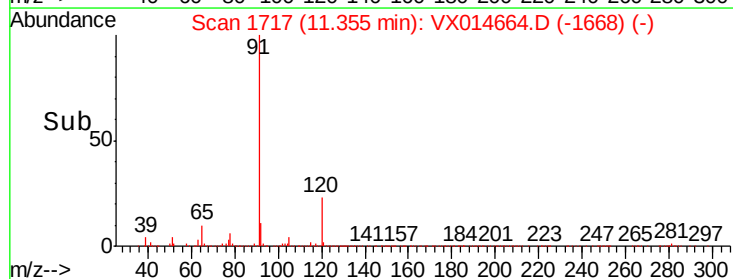
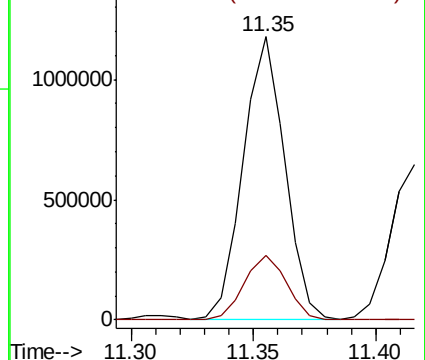
91 100

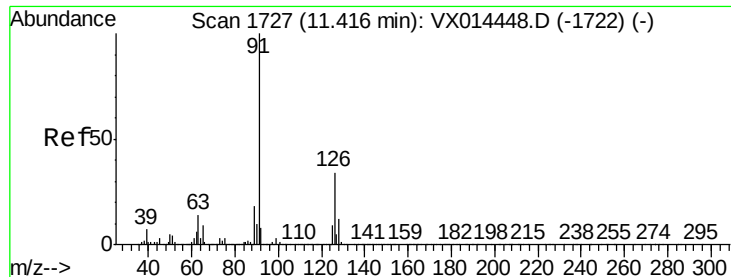
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.656 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

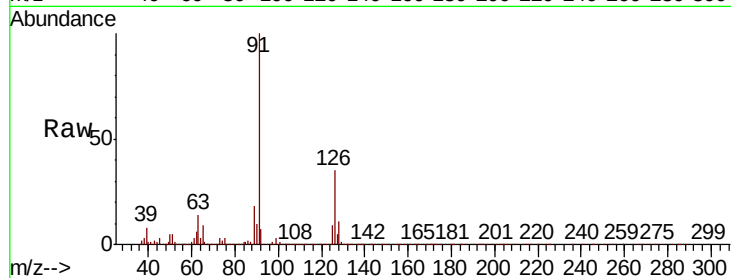
ClientSampleId :

Tot Ion: 91 Resp: 802342

Ion Ratio Lower Upper

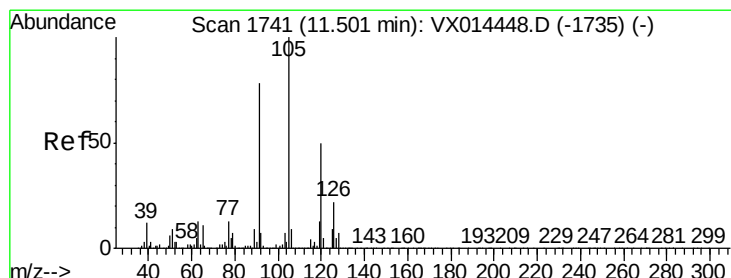
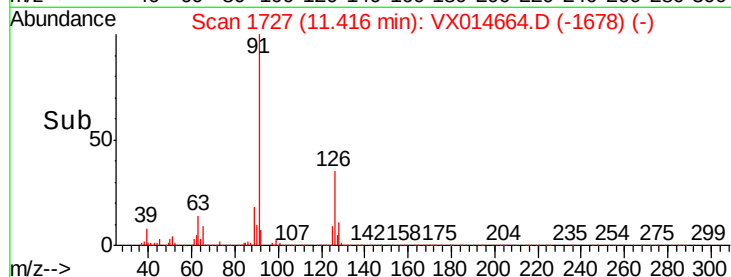
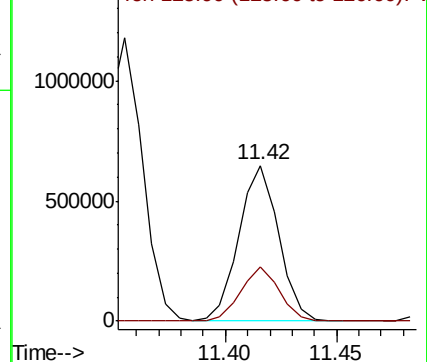
91 100

126 34.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.646 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014664.D

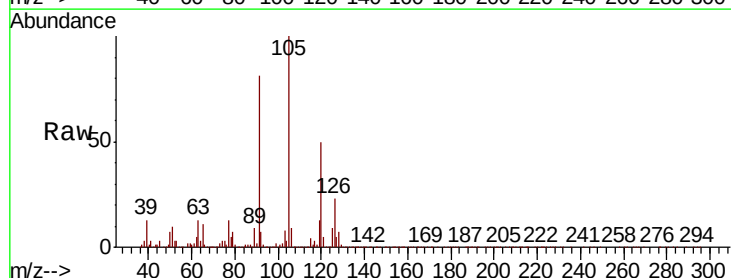
Acq: 20 Jan 2020 09:59

Tgt Ion:105 Resp: 1012819

Ion Ratio Lower Upper

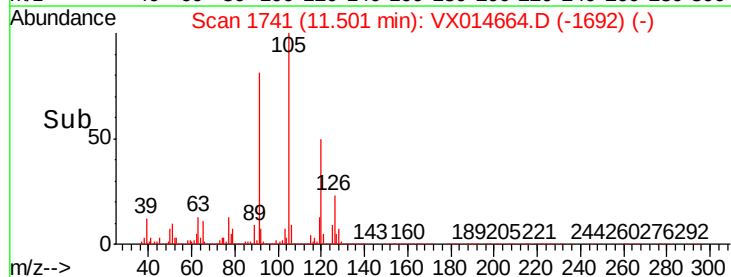
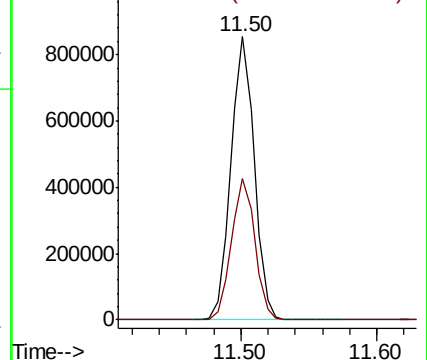
105 100

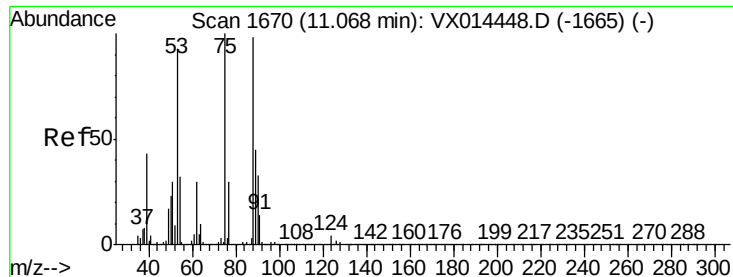
120 50.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

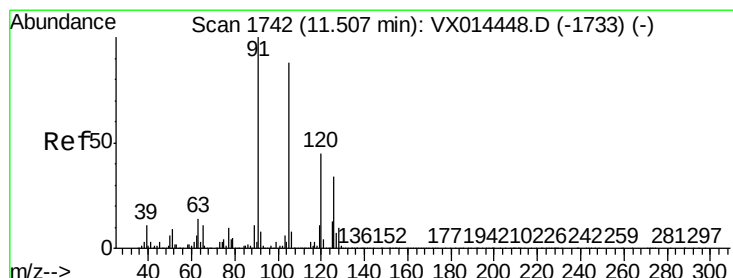
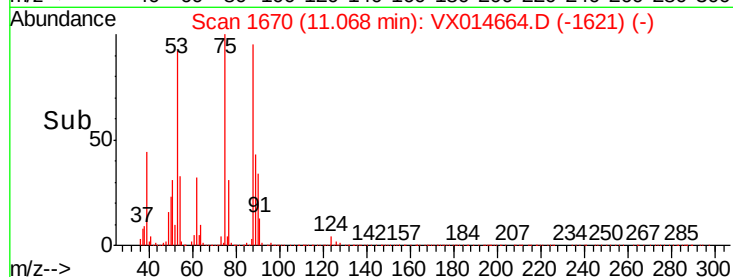
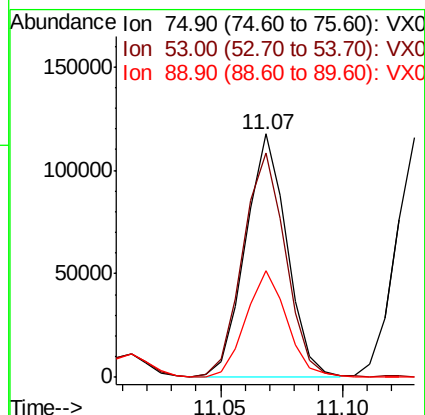
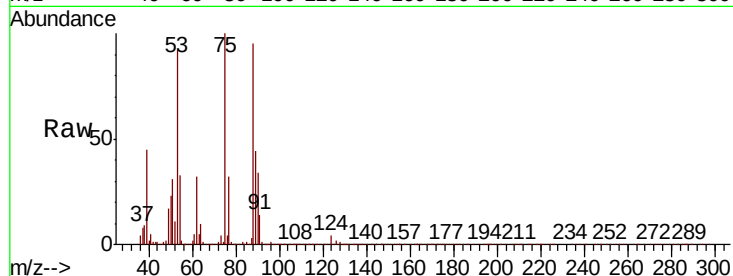




#81
trans-1,4-Dichloro-2-butene
Concen: 55.426 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

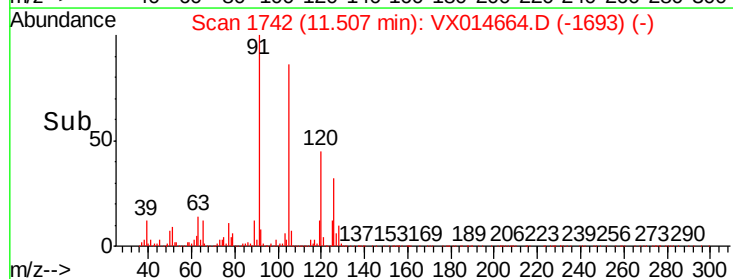
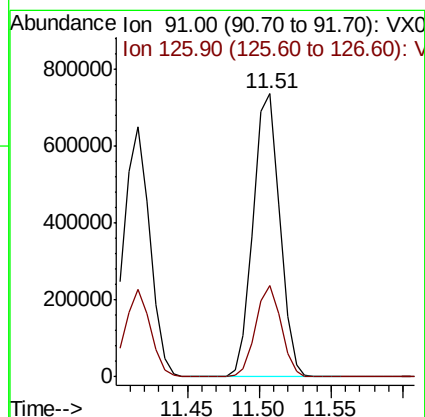
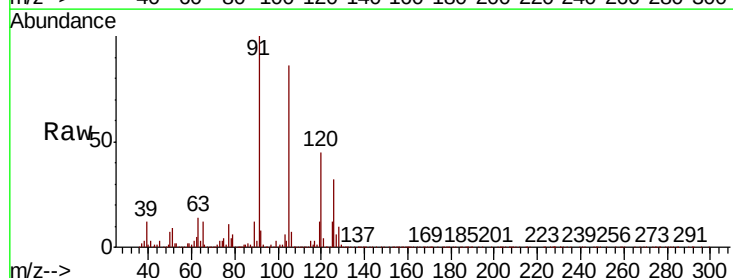
Instrument :
MSVOA_X
ClientSampleId :

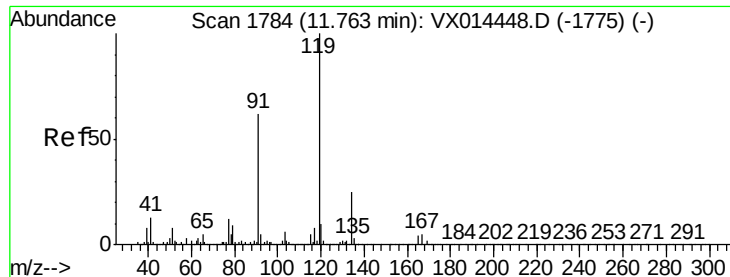
Tot Ion: 75 Resp: 137896
Ion Ratio Lower Upper
75 100
53 96.2 74.8 112.2
89 43.9 36.3 54.5



#82
4-Chlorotoluene
Concen: 52.382 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion: 91 Resp: 936901
Ion Ratio Lower Upper
91 100
126 31.0 15.9 47.7

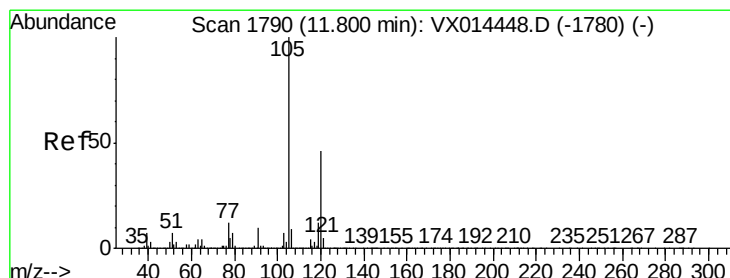
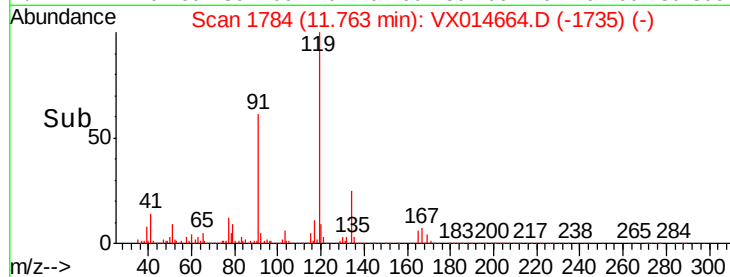
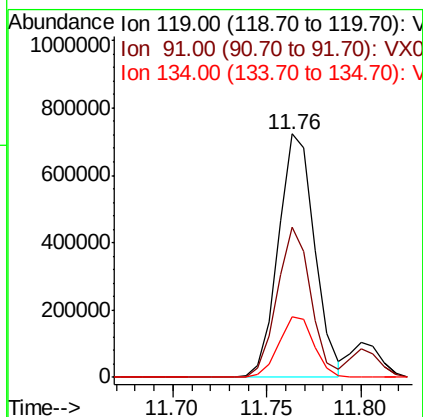
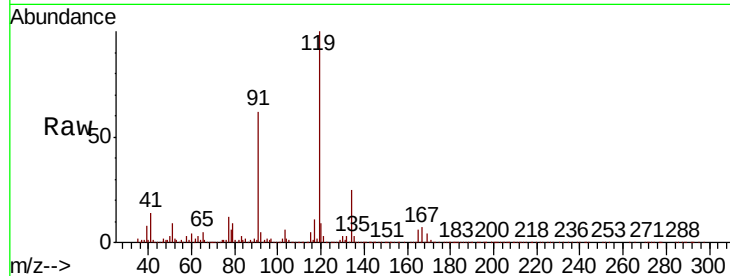




#83
 tert-Butylbenzene
 Concen: 54.836 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

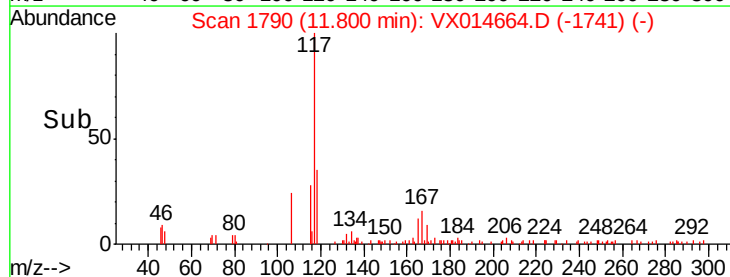
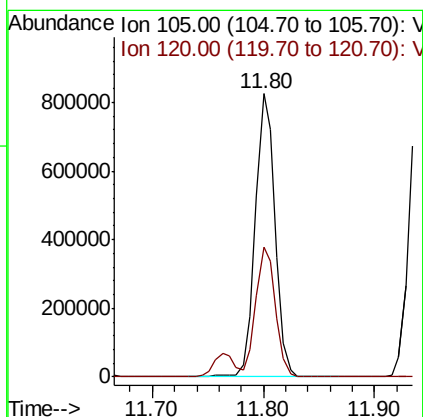
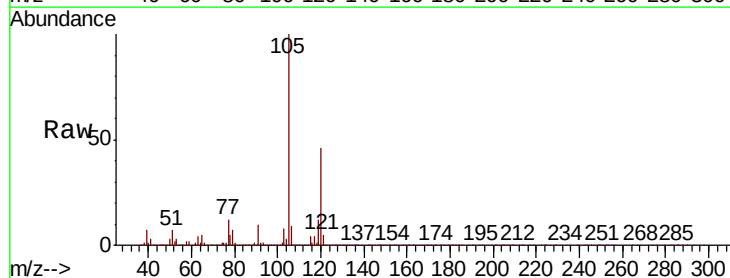
Instrument :
 MSVOA_X
 ClientSampleId :

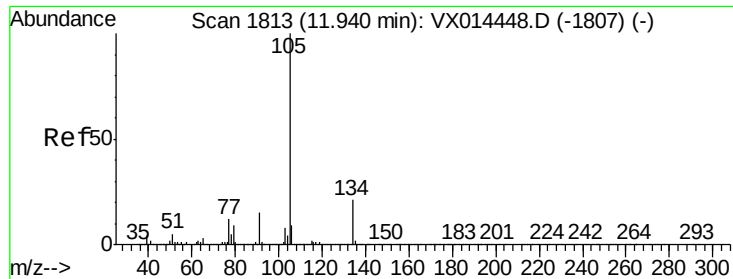
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.7	29.3	88.0
134	24.2	12.4	37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.238 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 54.299 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :

MSVOA_X

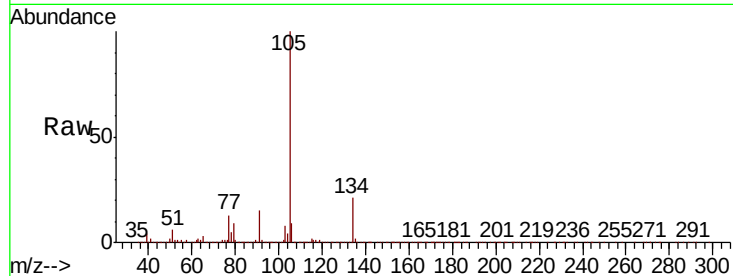
ClientSampleId :

Tot Ion:105 Resp: 1182107

Ion Ratio Lower Upper

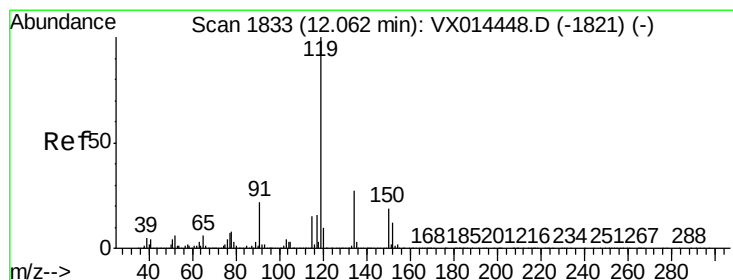
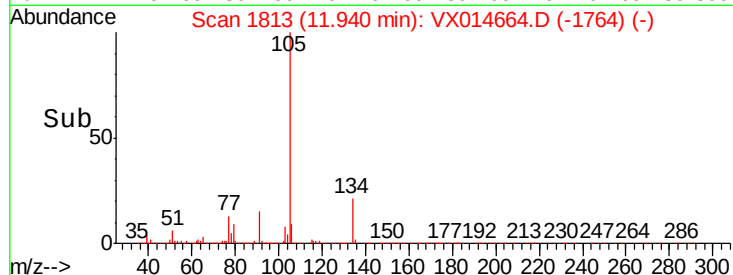
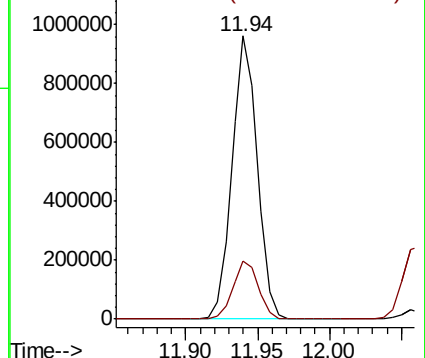
105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.361 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

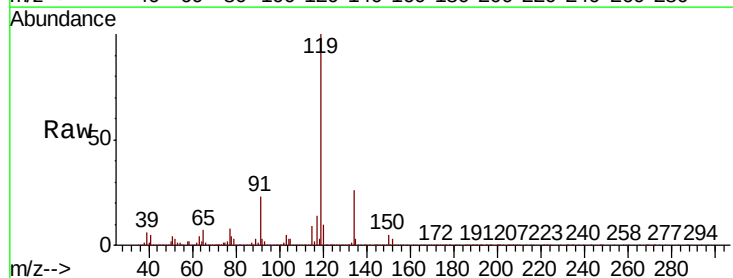
Tgt Ion:119 Resp: 1098197

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

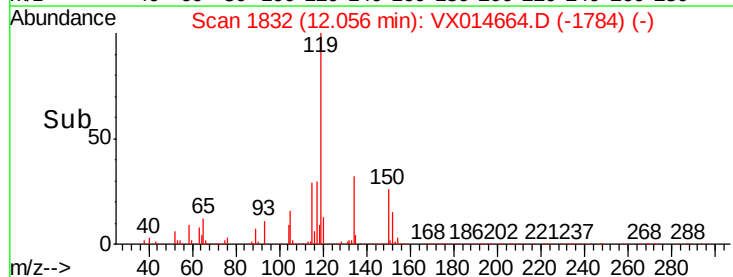
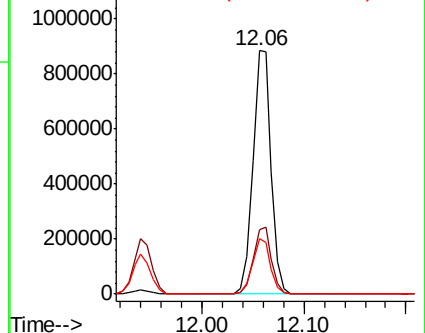
91 22.4 11.1 33.3

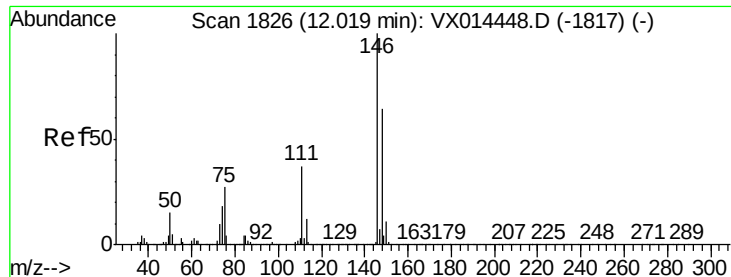


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.095 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

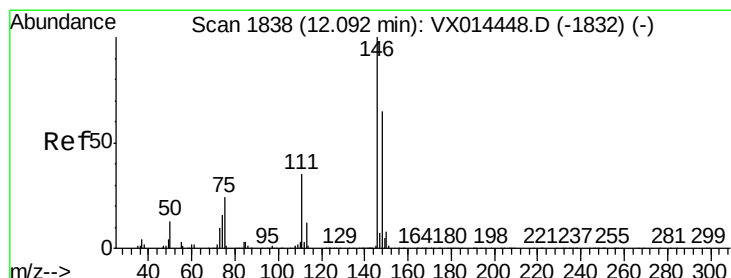
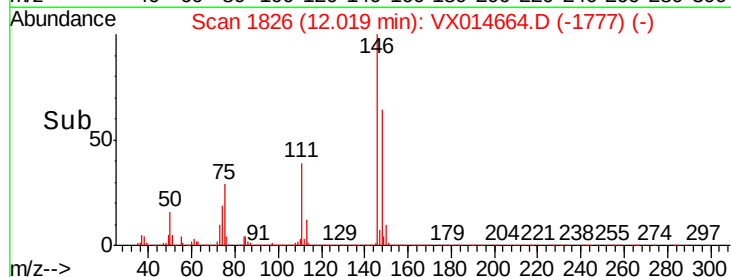
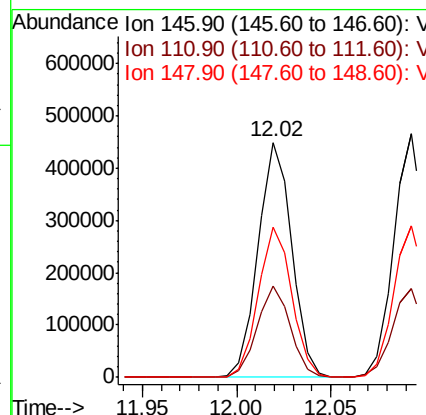
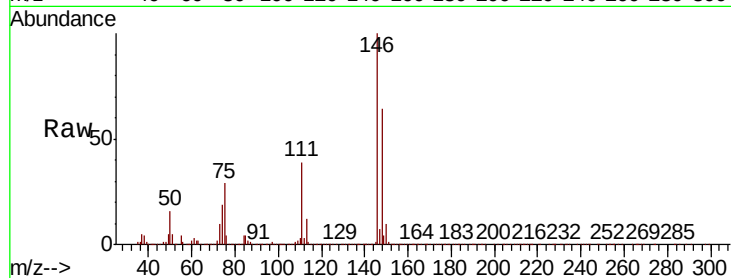
Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:146 Resp: 556584

Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	63.8	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 53.715 ug/l

RT: 12.09 min Scan# 1838

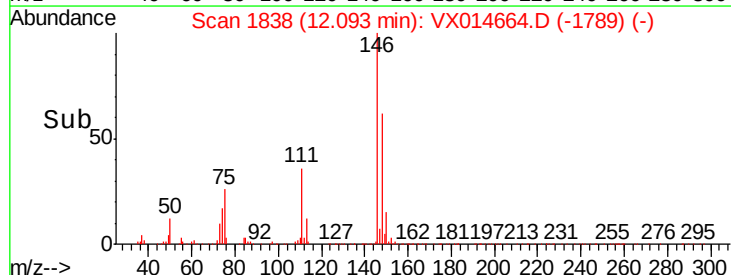
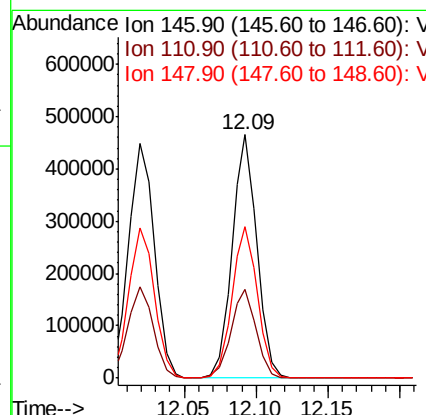
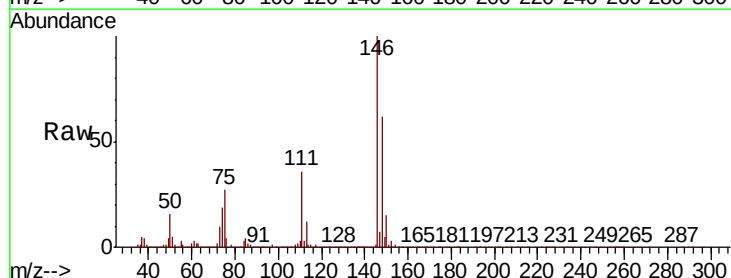
Delta R.T. 0.00 min

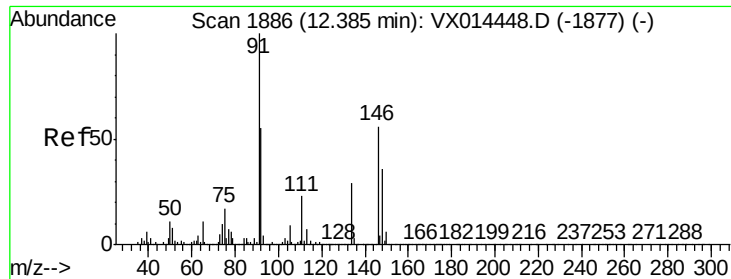
Lab File: VX014664.D

Acq: 20 Jan 2020 09:59

Tgt Ion:146 Resp: 560228

Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	63.9	32.1	96.3

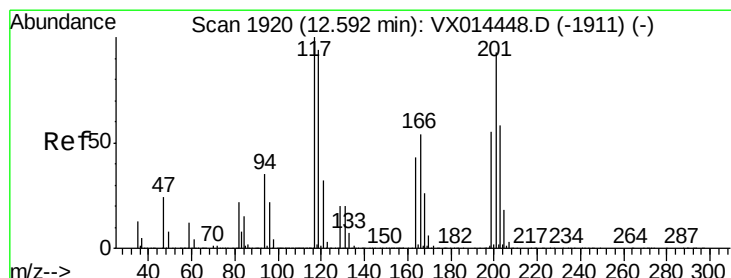
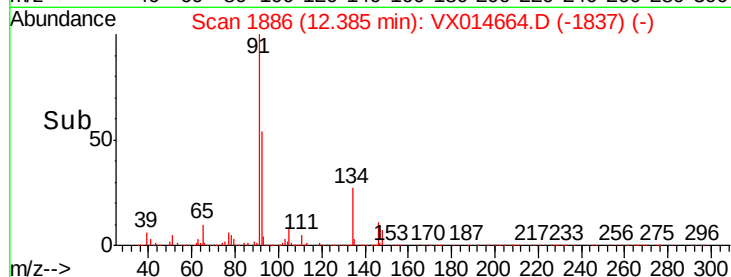
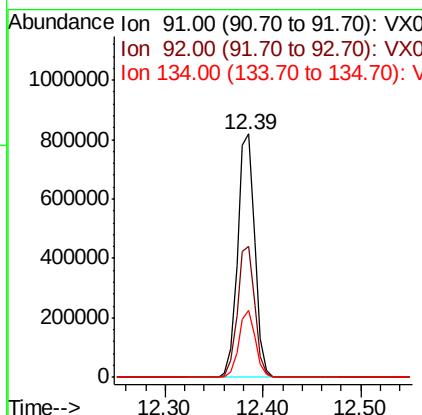
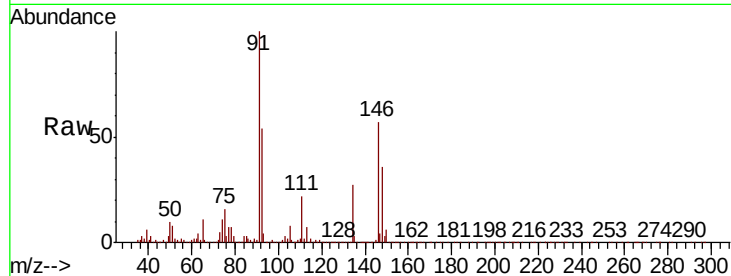




#89
n-Butylbenzene
Concen: 53.583 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

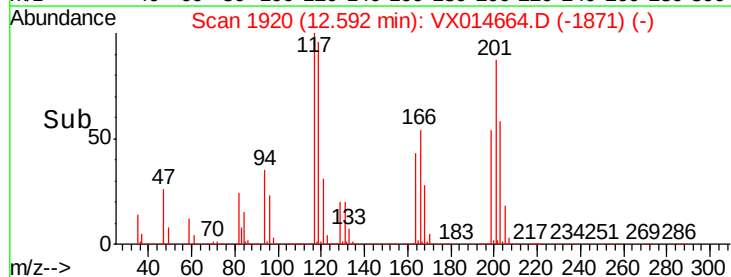
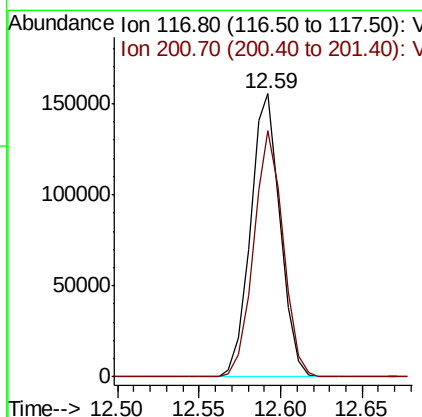
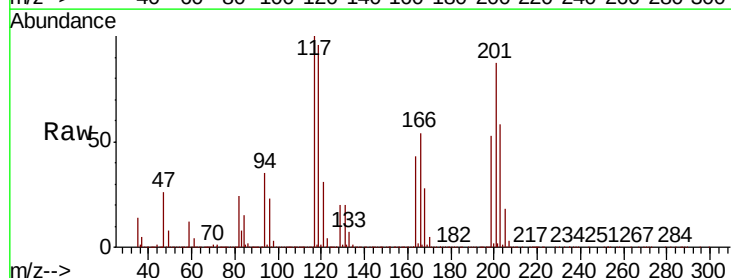
Instrument :
MSVOA_X
ClientSampled :

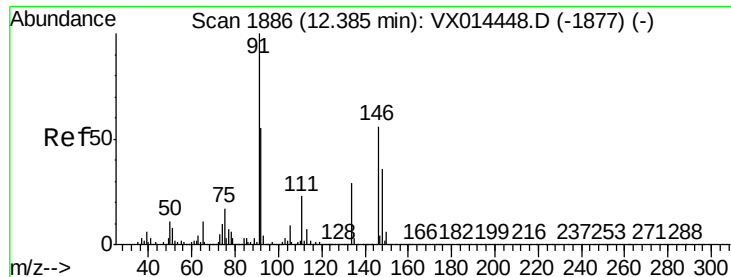
Tot Ion: 91 Resp: 989734
Ion Ratio Lower Upper
91 100
92 54.2 27.4 82.2
134 26.5 13.9 41.7



#90
Hexachloroethane
Concen: 55.420 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion: 117 Resp: 196661
Ion Ratio Lower Upper
117 100
201 86.0 44.8 134.3

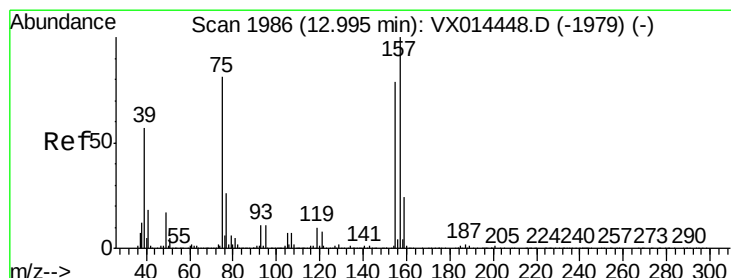
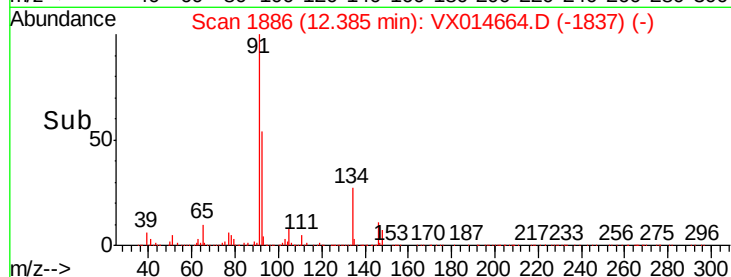
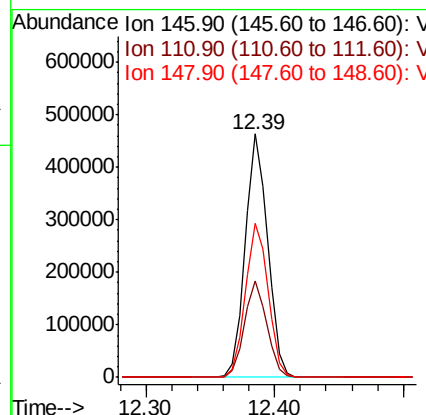
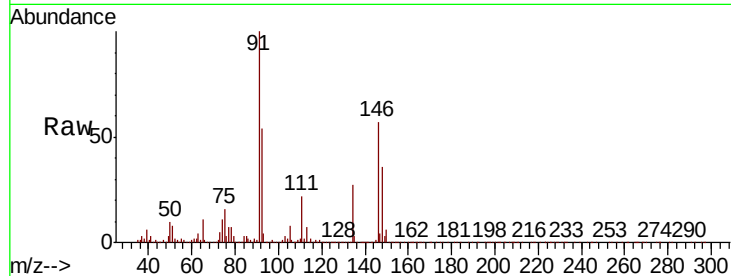




#91
 1,2-Dichlorobenzene
 Concen: 51.091 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

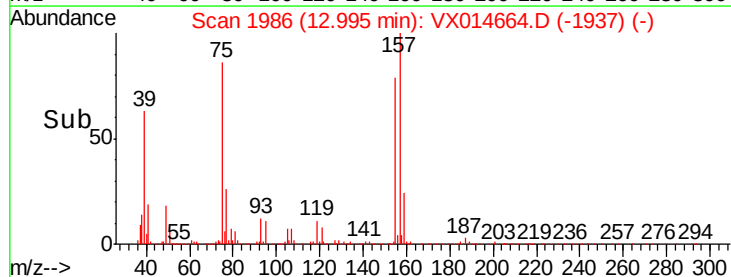
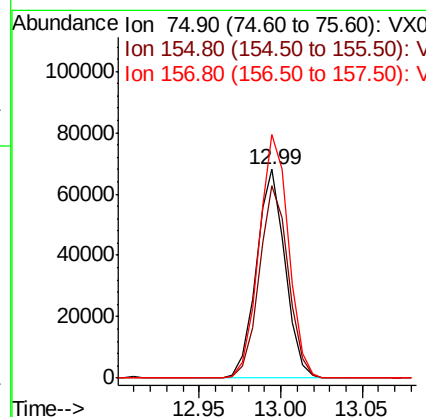
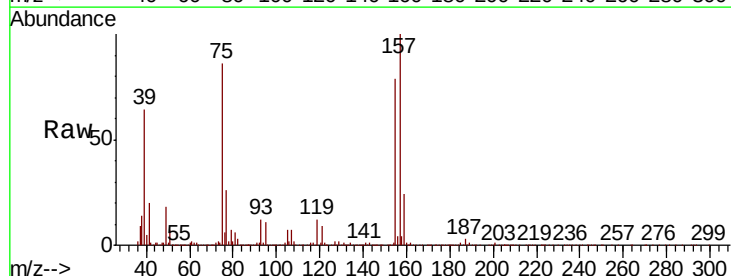
Instrument :
 MSVOA_X
 ClientSampleId :

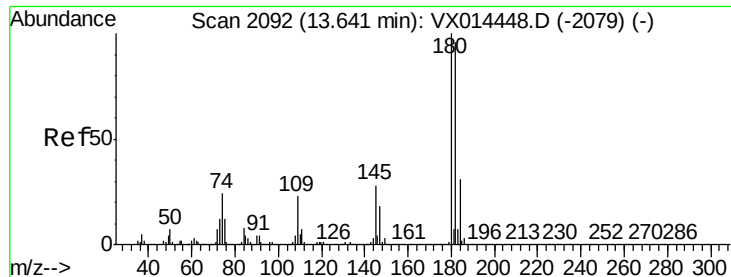
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.4
148	64.1	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.475 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.3	48.7	146.1
157	120.6	62.0	185.9

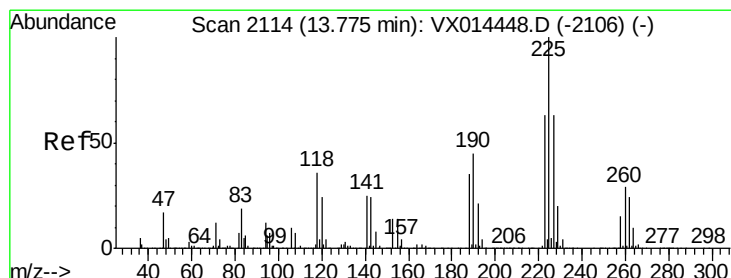
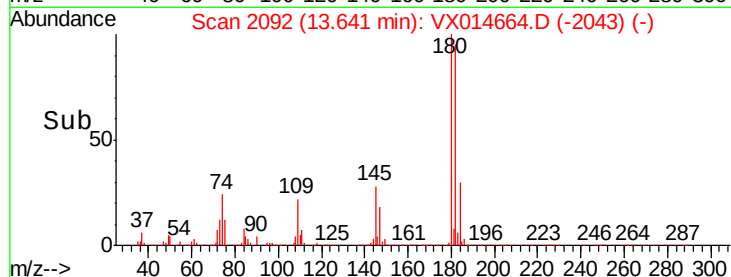
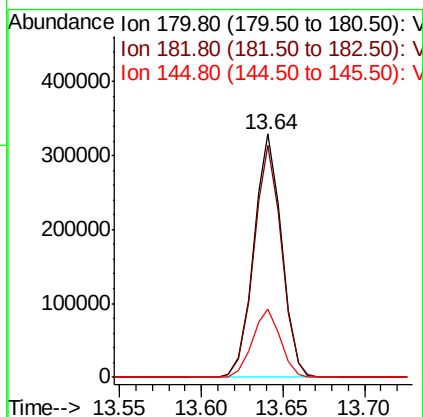
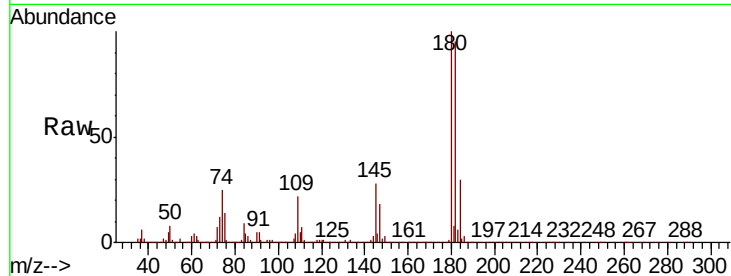




#93
 1,2,4-Trichlorobenzene
 Concen: 50.960 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

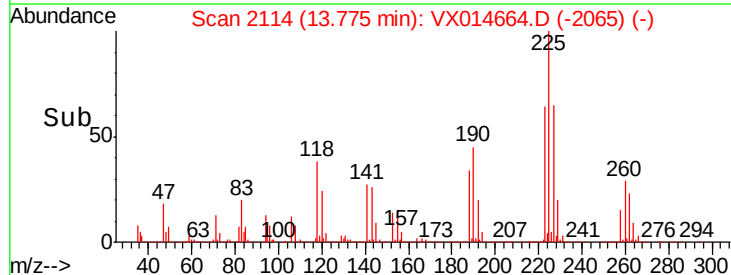
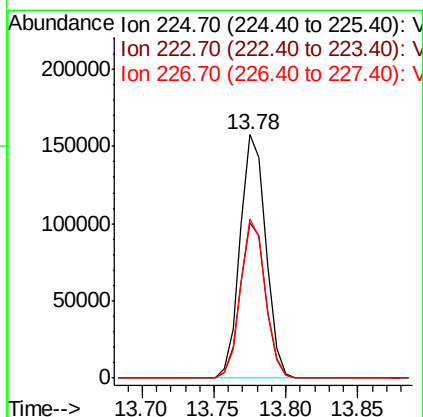
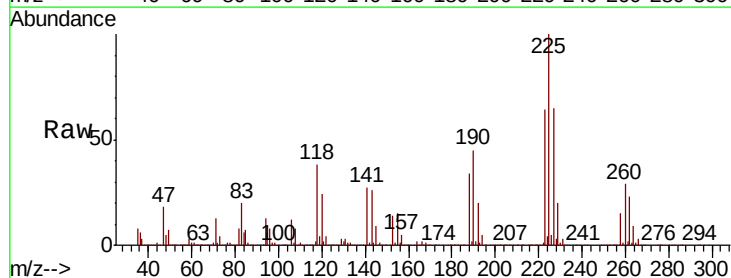
Instrument :
 MSVOA_X
 ClientSampleId :

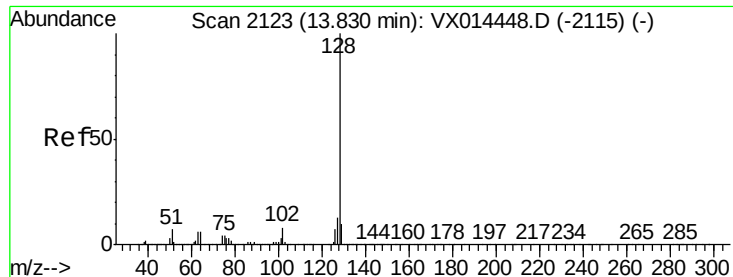
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.5
145	28.3	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 54.628 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014664.D
 Acq: 20 Jan 2020 09:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.1	93.2
227	63.1	31.4	94.2

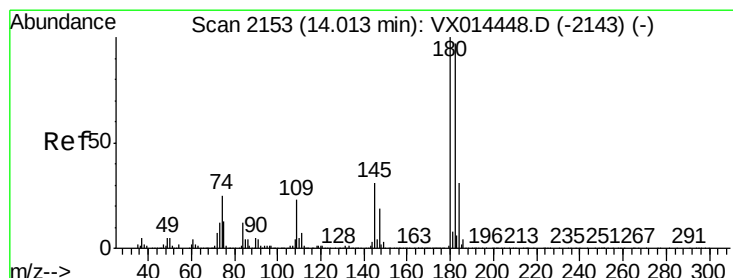
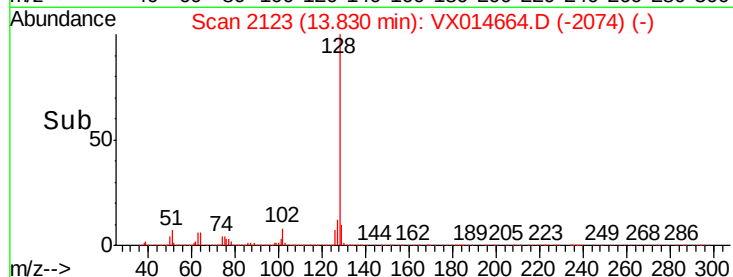
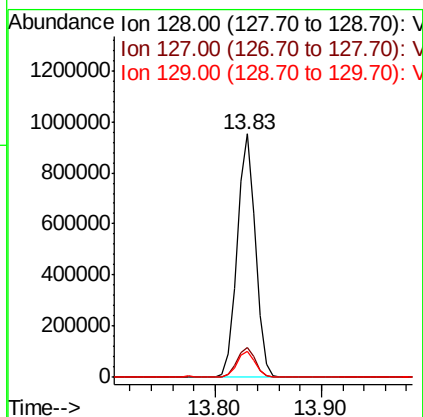
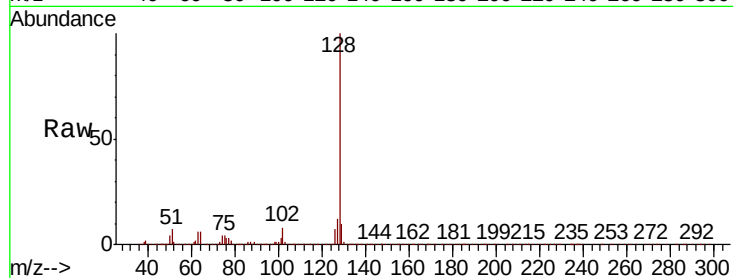




#95
Naphthalene
Concen: 48.317 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1145757
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.209 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014664.D
Acq: 20 Jan 2020 09:59

Tgt Ion:180 Resp: 383913
Ion Ratio Lower Upper
180 100
182 96.5 47.9 143.6
145 30.7 14.8 44.3

