

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011520\
 Data File : VX014616.D
 Acq On : 15 Jan 2020 14:06
 Operator : JC/SP
 Sample : VX0115WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

Quant Time: Jan 16 01:10:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	76762	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	433192	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	395420	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	163907	30.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.27%
60) 4-Bromofluorobenzene	11.13	95	184554	29.17	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.23%
63) Toluene-d8	8.71	98	533553	29.87	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.57%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	115308	21.736	ug/l 98
3) Chloromethane	1.32	50	122733	21.131	ug/l 95
4) Vinyl Chloride	1.40	62	134141	20.569	ug/l 97
5) Bromomethane	1.64	94	76566	18.814	ug/l 98
6) Chloroethane	1.72	64	77506	21.082	ug/l 99
7) Trichlorofluoromethane	1.92	101	146627	20.306	ug/l 98
8) Diethyl Ether	2.18	74	62819	19.917	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88409	20.927	ug/l 99
10) 1,1-Dichloroethene	2.37	96	87325	20.550	ug/l 97
11) Methyl Iodide	2.50	142	95085	16.685	ug/l 99
12) Methyl Acetate	2.76	43	156163	20.343	ug/l 99
13) Acrolein	2.28	56	73497	91.152	ug/l 96
14) Acrylonitrile	3.12	53	256727	97.739	ug/l 100
15) Acetone	2.43	58	86297	98.001	ug/l 94
16) Carbon Disulfide	2.56	76	237066	20.313	ug/l 97
17) Allyl chloride	2.72	41	153150	19.474	ug/l 96
18) Methylene Chloride	2.84	84	101653	20.440	ug/l 97
19) trans-1,2-Dichloroethene	3.16	96	93382	20.414	ug/l 97
20) Diisopropyl ether	3.84	45	310722	19.970	ug/l 94
21) 1,1-Dichloroethane	3.69	63	165885	19.625	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	104427	19.866	ug/l 95
23) tert-Butyl Alcohol	2.76	59	13934	12.827	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	284812	20.140	ug/l 100
25) Chloroform	5.20	83	162887	19.893	ug/l 99
26) Cyclohexane	5.57	56	158440	20.321	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	125438	19.744	ug/l 99
30) 2-Butanone	4.65	43	380981	94.666	ug/l 100
31) 2,2-Dichloropropane	4.57	77	133852	19.691	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	136547	19.427	ug/l 98
33) Carbon Tetrachloride	5.77	117	116751	19.348	ug/l 96
34) Benzene	6.13	78	383811	19.551	ug/l 96
35) Methacrylonitrile	5.02	41	75418	18.764	ug/l 99
36) 1,2-Dichloroethane	6.18	62	129869	19.009	ug/l 99
37) Trichloroethene	7.20	130	105694	19.663	ug/l 95
38) Methylcyclohexane	7.45	83	161201	20.379	ug/l 99
39) 1,2-Dichloropropane	7.51	63	95718	18.750	ug/l 96
40) Dibromomethane	7.65	93	63932	19.487	ug/l 99

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 Data File : VX014616.D
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 Sample : VX0115WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

Quant Time: Jan 16 01:10:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	120654	18.780	ug/l	95
42) Vinyl Acetate	3.80	43	1209959	97.544	ug/l	99
43) Ethyl Acetate	4.81	43	134224	18.424	ug/l	100
44) Isopropyl Acetate	6.43	43	225357	19.175	ug/l	100
45) 1,4-Dioxane	7.73	88	48529	412.797	ug/l	97
46) Methyl methacrylate	7.76	41	110229	19.072	ug/l	99
47) n-amyl Acetate	10.89	43	183759	18.660	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	133540	19.038	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	150949	19.099	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	96850	19.400	ug/l	98
51) Ethyl methacrylate	9.17	69	146639	18.865	ug/l	95
52) 1,3-Dichloropropane	9.36	76	162089	19.163	ug/l	99
53) Dibromochloromethane	9.57	129	95965	18.793	ug/l	99
54) 1,2-Dibromoethane	9.67	107	101033	19.514	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	321943	90.121	ug/l	99
56) Bromoform	10.85	173	71523	18.184	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	709526	95.284	ug/l	99
59) 2-Hexanone	9.48	43	553664	96.140	ug/l	100
61) Tetrachloroethene	9.33	164	111530	19.083	ug/l	98
62) Toluene	8.78	91	405831	19.345	ug/l	99
64) Chlorobenzene	10.13	112	254295	19.417	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	90353	18.680	ug/l	99
66) Ethyl Benzene	10.25	91	447208	19.571	ug/l	99
67) m/p-Xylenes	10.35	106	338313	38.653	ug/l	99
68) o-Xylene	10.69	106	161551	18.954	ug/l	98
69) Styrene	10.71	104	272013	18.836	ug/l	99
70) Isopropylbenzene	11.01	105	437995	19.616	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	141601	18.826	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	160994	25.024	ug/l	98
73) Bromobenzene	11.25	156	114607	19.362	ug/l	96
74) n-propylbenzene	11.35	91	498265	19.528	ug/l	99
75) 2-Chlorotoluene	11.42	91	297568	19.460	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	363836	19.555	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	45388	18.330	ug/l	95
78) 4-Chlorotoluene	11.51	91	336203	19.359	ug/l	98
79) tert-butylbenzene	11.76	119	343064	19.706	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	366716	19.761	ug/l	100
81) sec-Butylbenzene	11.94	105	417933	19.401	ug/l	98
82) p-Isopropyltoluene	12.06	119	386534	19.655	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	197689	19.128	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	197280	19.253	ug/l	100
85) n-Butylbenzene	12.38	91	331286	19.253	ug/l	100
86) Hexachloroethane	12.59	117	64358	18.249	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	196016	18.797	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	30147	18.764	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	133173	19.348	ug/l	99
90) Hexachlorobutadiene	13.78	225	66434	19.316	ug/l	96
91) Naphthalene	13.83	128	389641	18.753	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	132191	18.868	ug/l	98

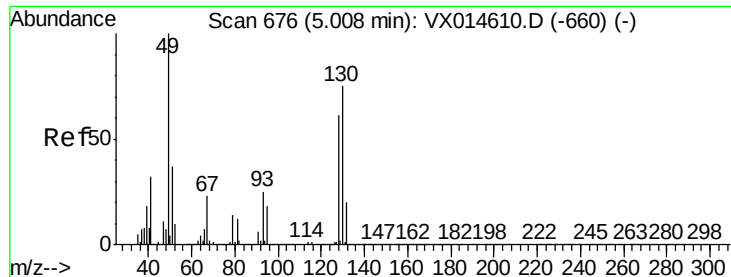
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011520\
Data File : VX014616.D
Acq On : 15 Jan 2020 14:06
Operator : JC/SP
Sample : VX0115WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

Quant Time: Jan 16 01:10:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

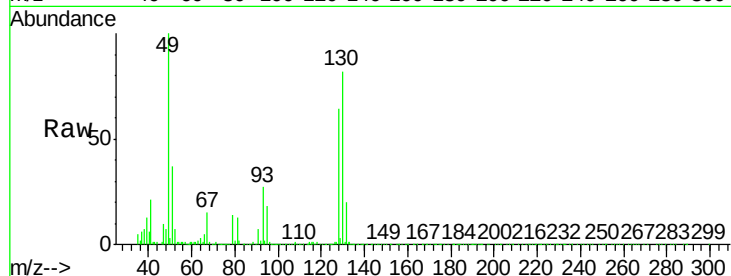
Tgt Ion:128 Resp: 76762

Ion Ratio Lower Upper

128 100

49 161.7 0.0 405.0

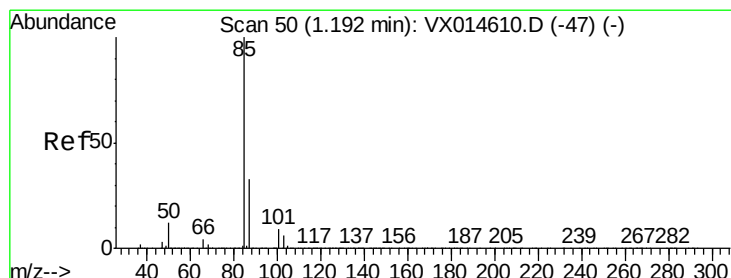
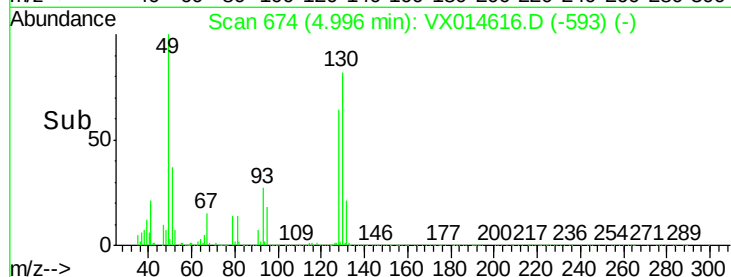
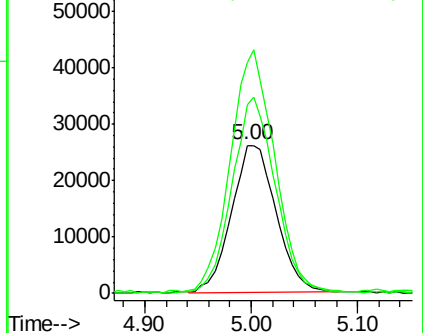
130 129.7 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.736 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014616.D

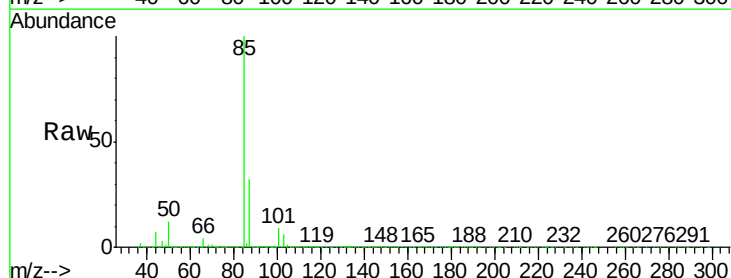
Acq: 15 Jan 2020 14:06

Tgt Ion: 85 Resp: 115308

Ion Ratio Lower Upper

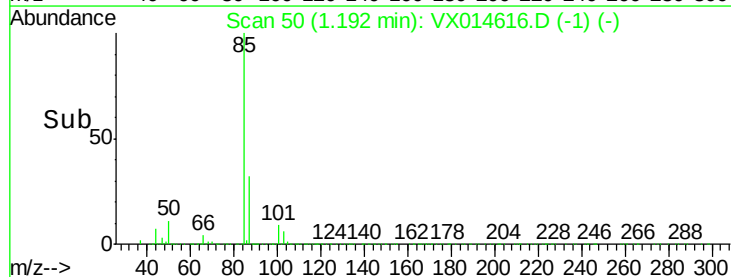
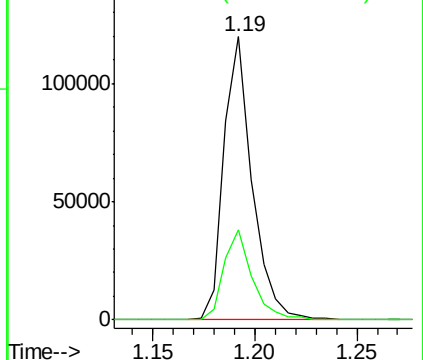
85 100

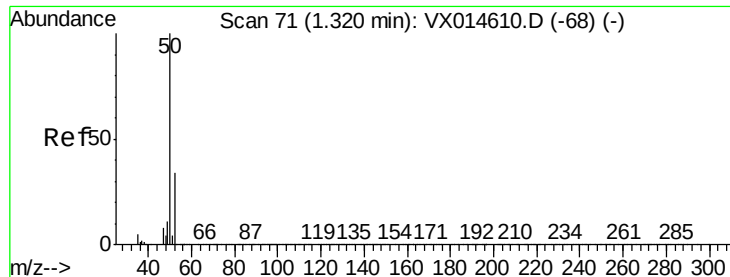
87 31.5 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 21.131 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

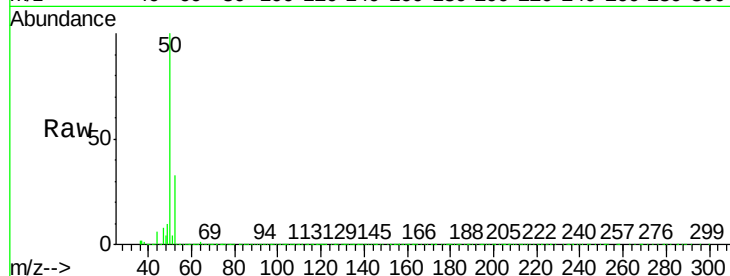
VX0115WBS01

Tgt Ion: 50 Resp: 122733

Ion Ratio Lower Upper

50 100

52 33.2 24.3 36.5



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

1.32

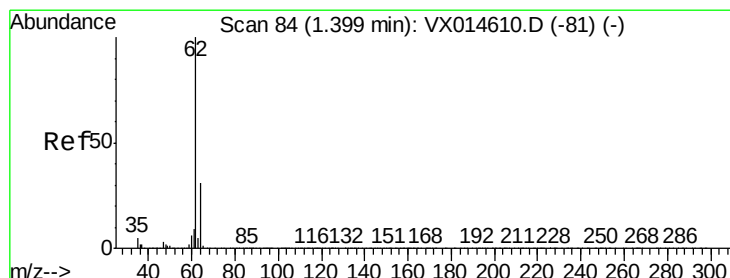
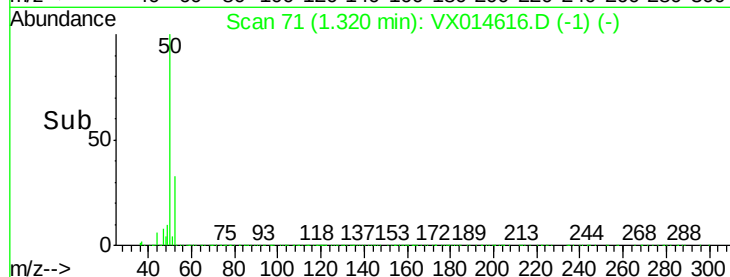
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 20.569 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014616.D

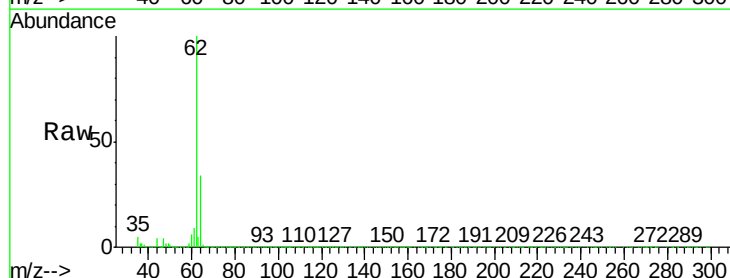
Acq: 15 Jan 2020 14:06

Tgt Ion: 62 Resp: 134141

Ion Ratio Lower Upper

62 100

64 33.4 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0

1.40

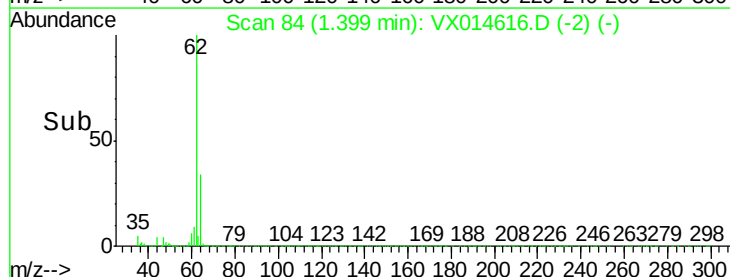
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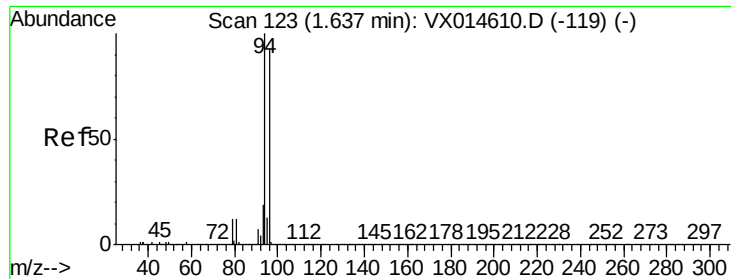
100000

50000

0

Time-->





#5

Bromomethane

Concen: 18.814 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

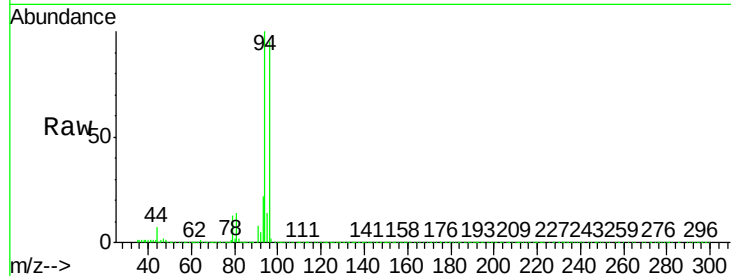
VX0115WBS01

Tgt Ion: 94 Resp: 76566

Ion Ratio Lower Upper

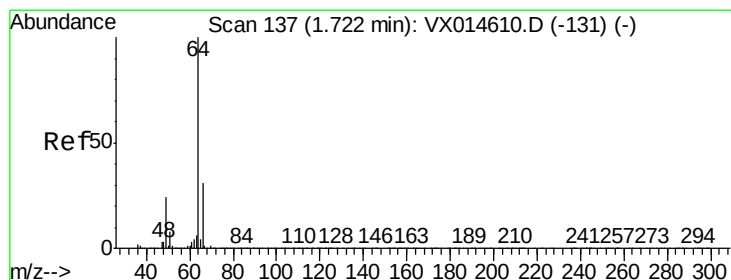
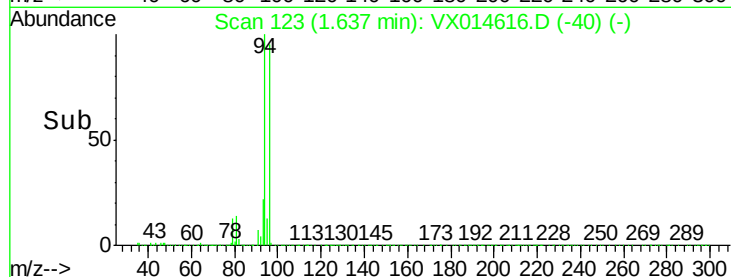
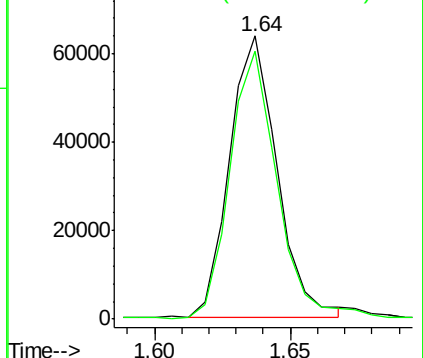
94 100

96 94.9 74.4 111.6



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 21.082 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014616.D

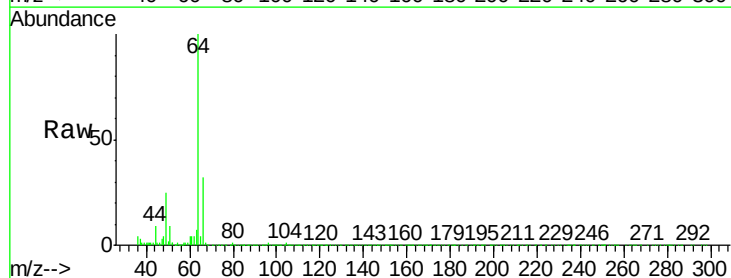
Acq: 15 Jan 2020 14:06

Tgt Ion: 64 Resp: 77506

Ion Ratio Lower Upper

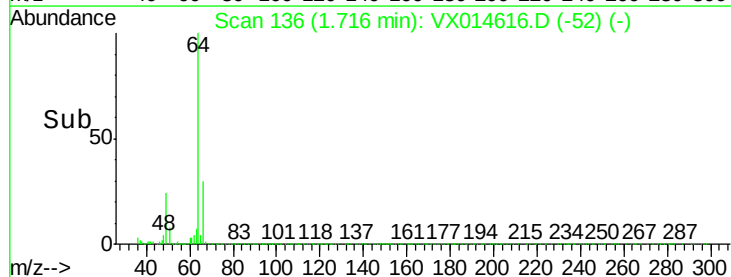
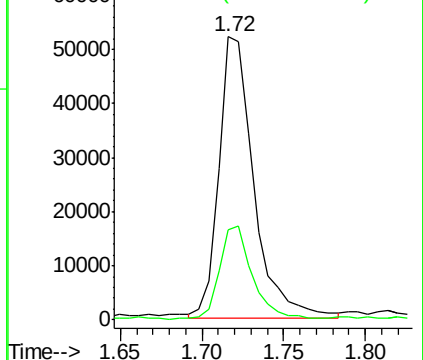
64 100

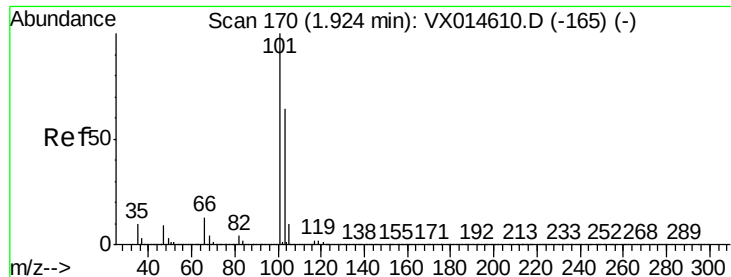
66 31.9 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



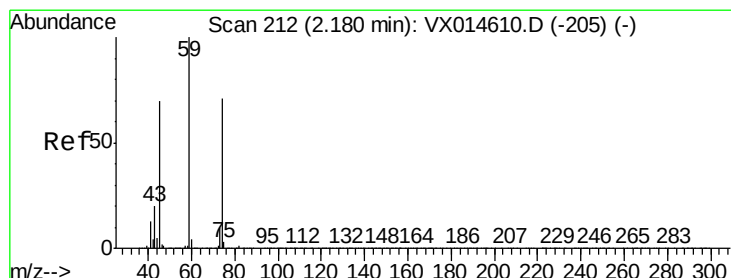
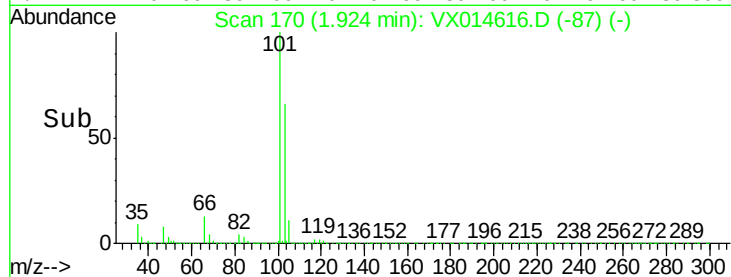
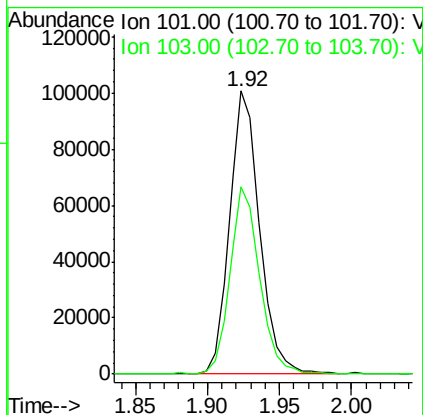
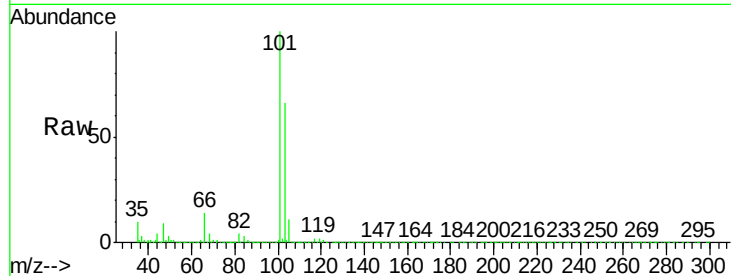


#7

Trichlorofluoromethane
Concen: 20.306 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

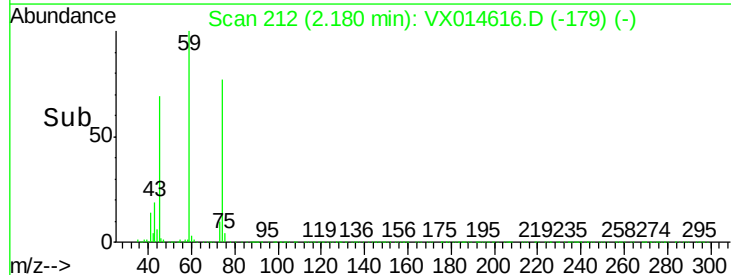
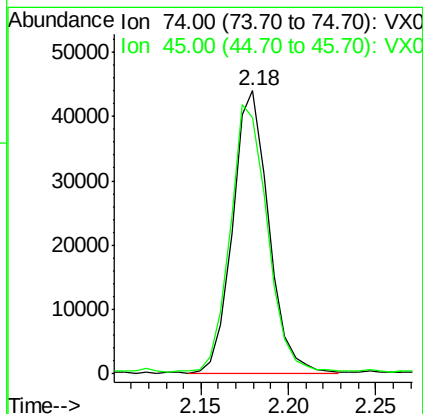
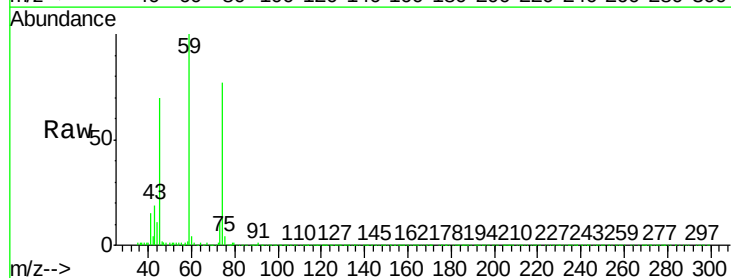
Tgt Ion:101 Resp: 146627
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4

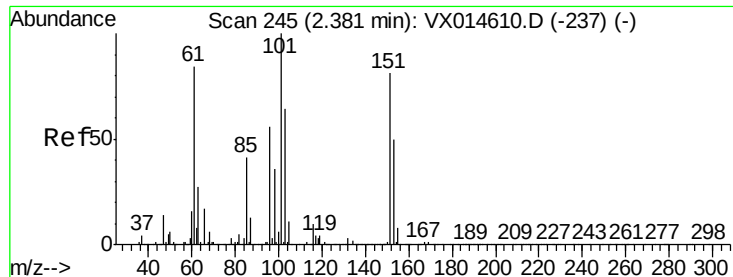


#8

Diethyl Ether
Concen: 19.917 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion: 74 Resp: 62819
Ion Ratio Lower Upper
74 100
45 100.1 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.927 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

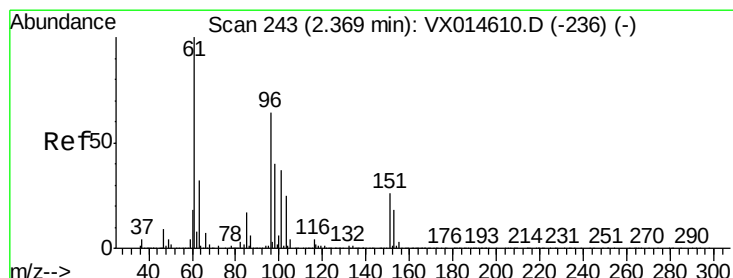
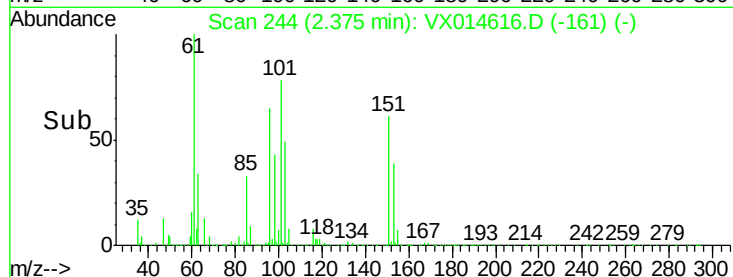
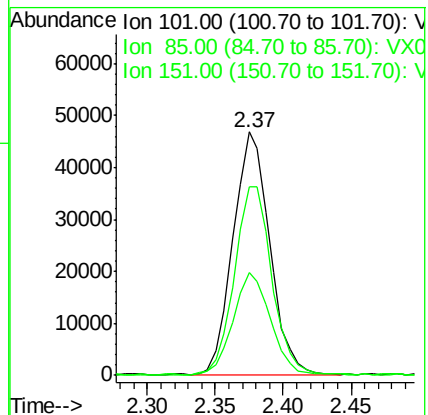
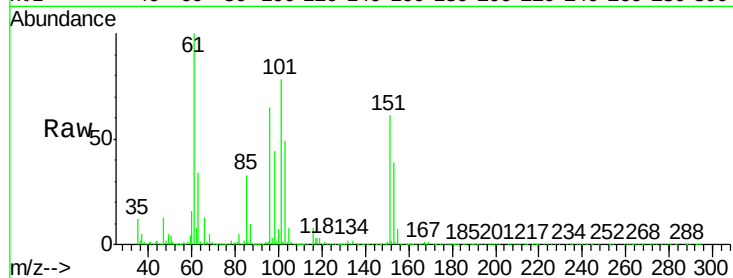
Tgt Ion:101 Resp: 88409

Ion Ratio Lower Upper

101 100

85 42.3 0.0 85.6

151 79.0 0.0 159.4



#10

1,1-Dichloroethene

Concen: 20.550 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

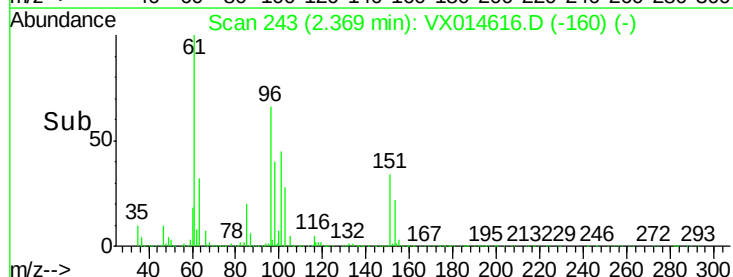
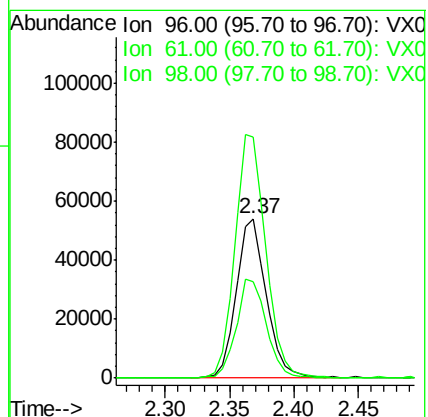
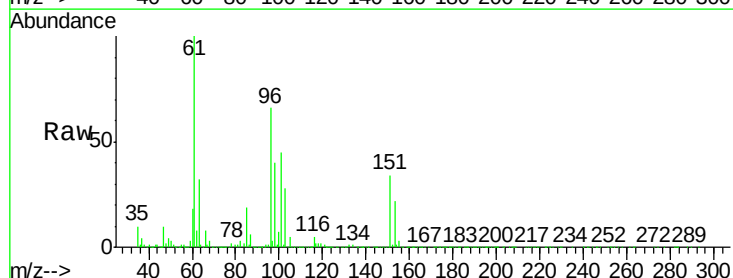
Tgt Ion: 96 Resp: 87325

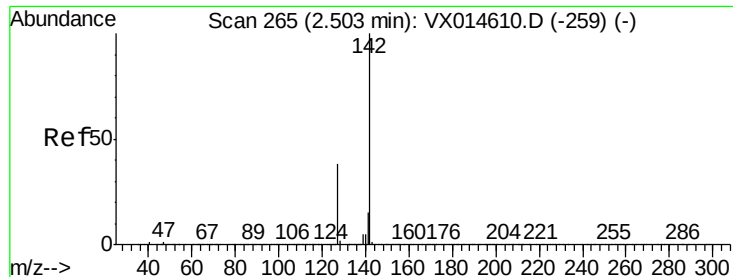
Ion Ratio Lower Upper

96 100

61 151.0 123.0 184.6

98 60.7 51.4 77.0

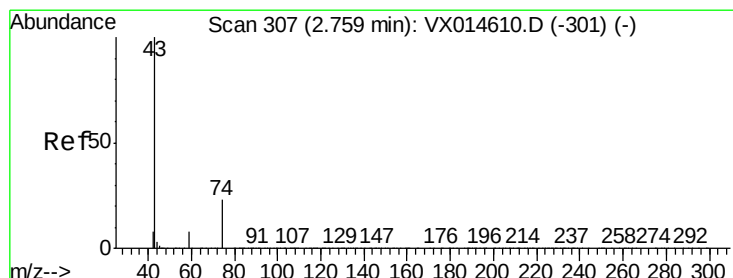
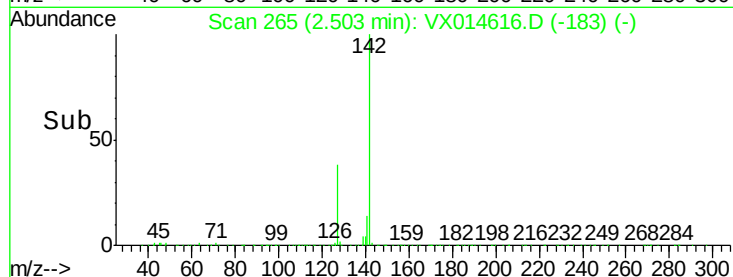
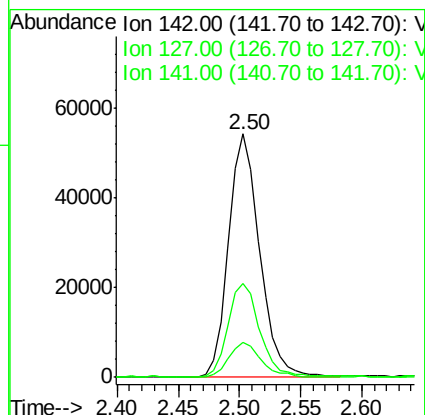
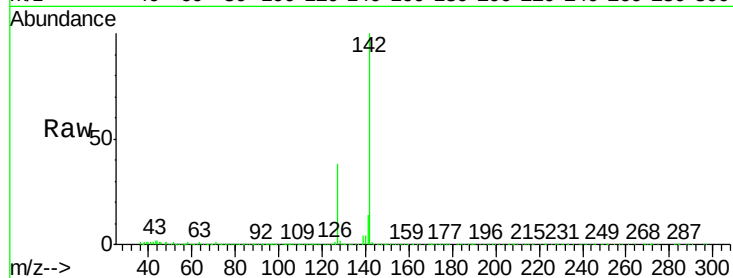




#11
Methyl Iodide
Concen: 16.685 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

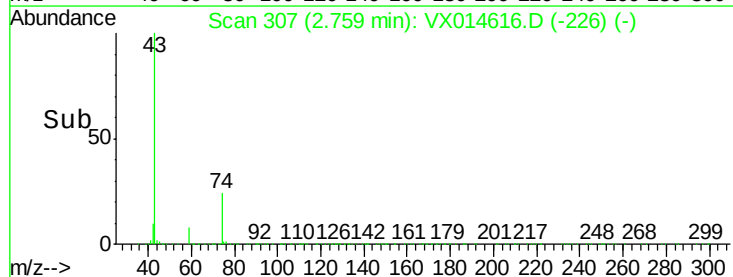
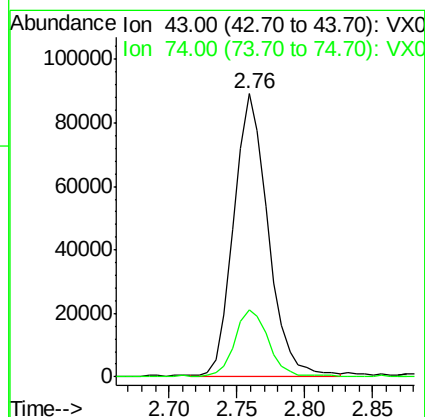
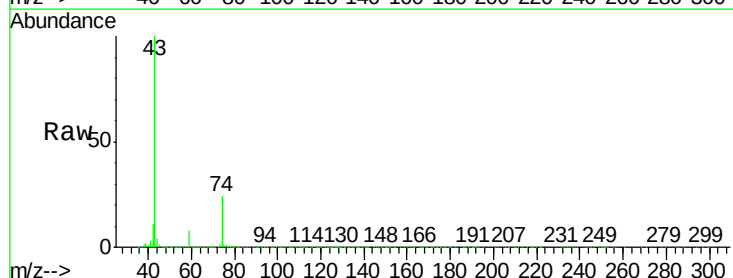
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

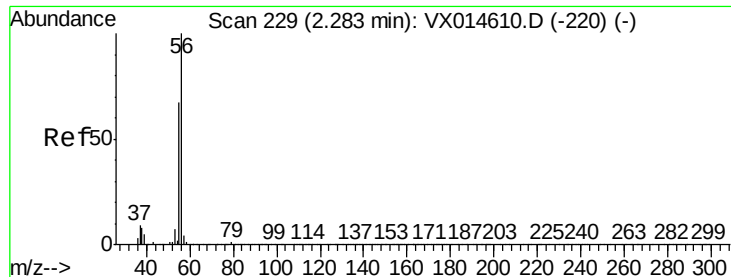
Tgt Ion	Ratio	Lower	Upper
142	100		
127	37.9	19.5	58.5
141	14.1	7.0	20.9



#12
Methyl Acetate
Concen: 20.343 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.5	27.7





#13

Acrolein

Concen: 91.152 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

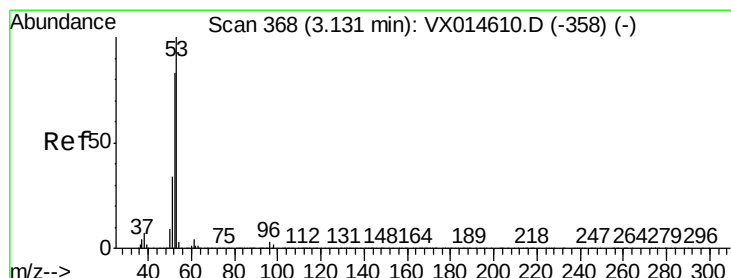
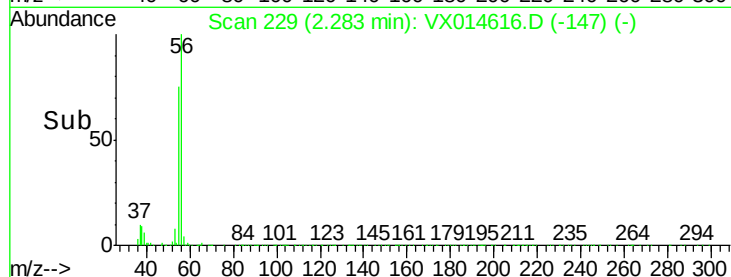
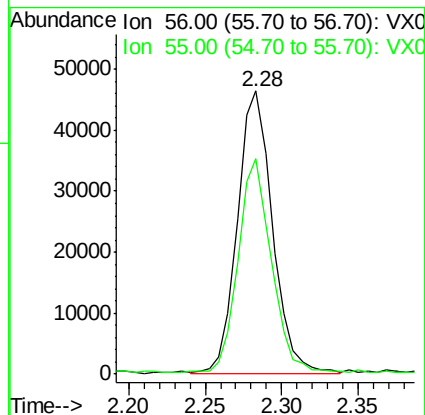
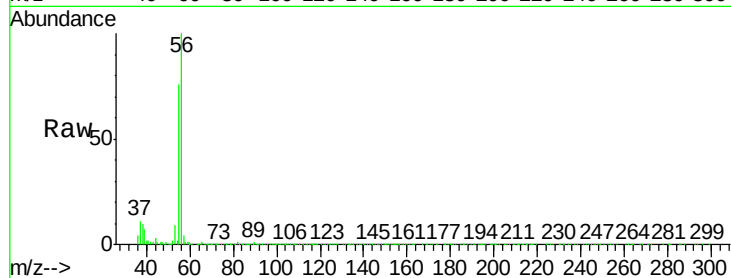
VX0115WBS01

Tgt Ion: 56 Resp: 73497

Ion Ratio Lower Upper

56 100

55 71.7 54.9 82.3



#14

Acrylonitrile

Concen: 97.739 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

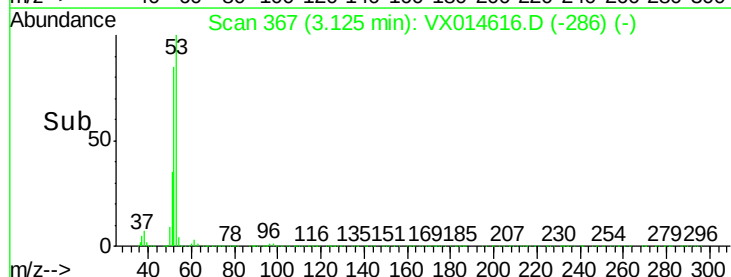
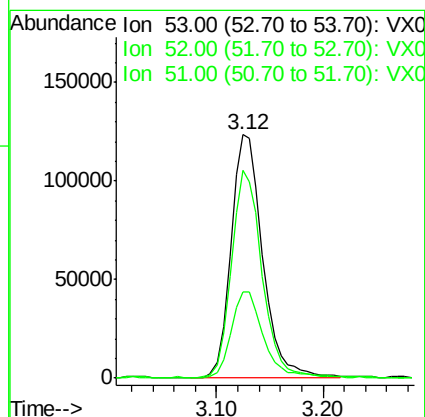
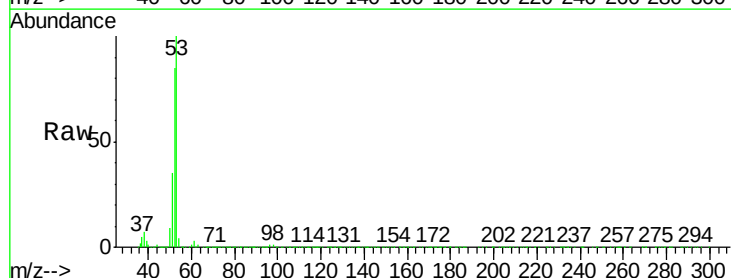
Tgt Ion: 53 Resp: 256727

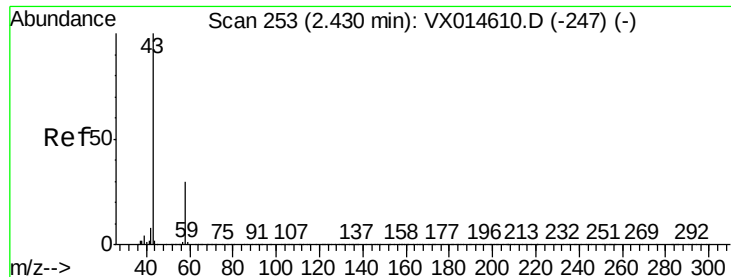
Ion Ratio Lower Upper

53 100

52 82.8 41.5 124.6

51 35.9 17.8 53.5





#15

Acetone

Concen: 98.001 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

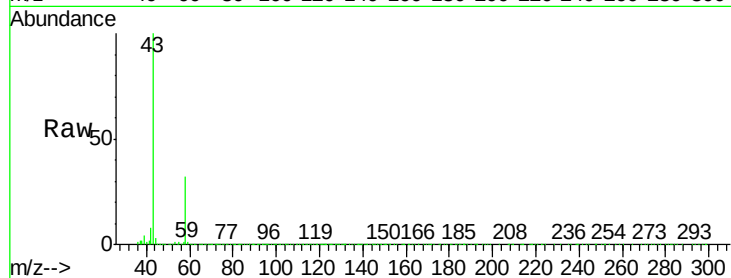
VX0115WBS01

Tgt Ion: 58 Resp: 86297

Ion Ratio Lower Upper

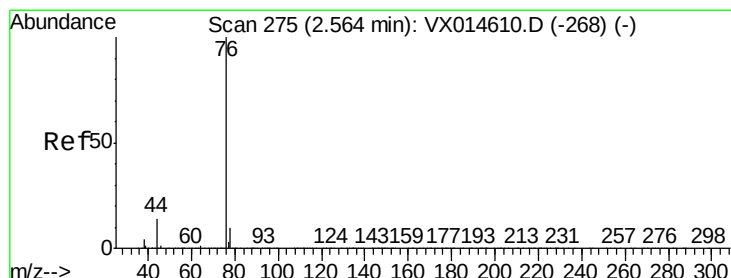
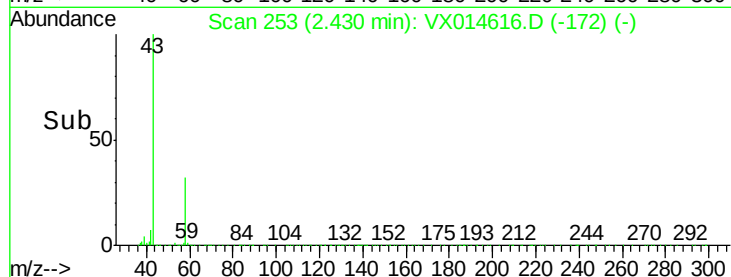
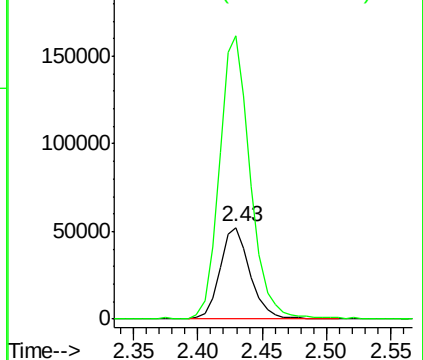
58 100

43 307.7 236.3 354.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 20.313 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014616.D

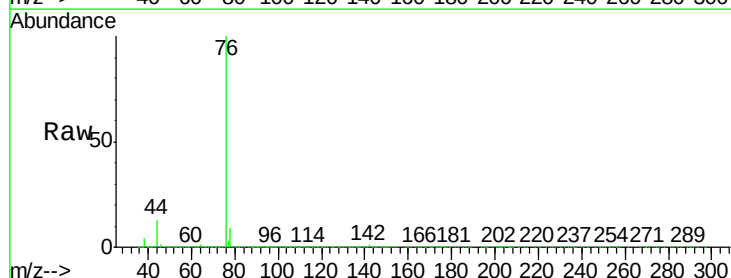
Acq: 15 Jan 2020 14:06

Tgt Ion: 76 Resp: 237066

Ion Ratio Lower Upper

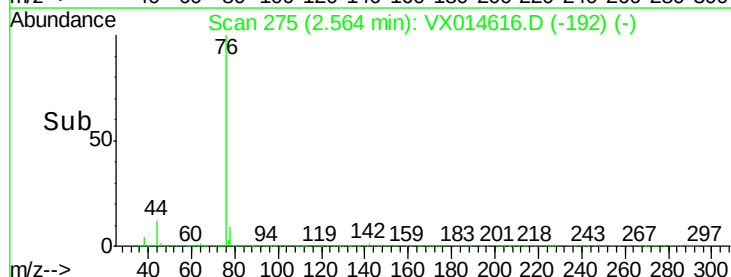
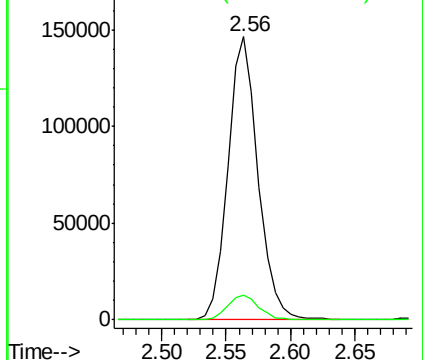
76 100

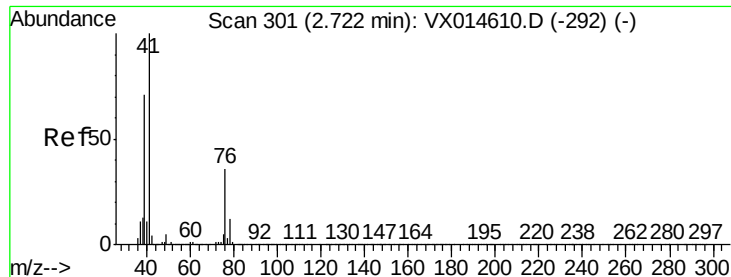
78 8.8 7.8 11.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

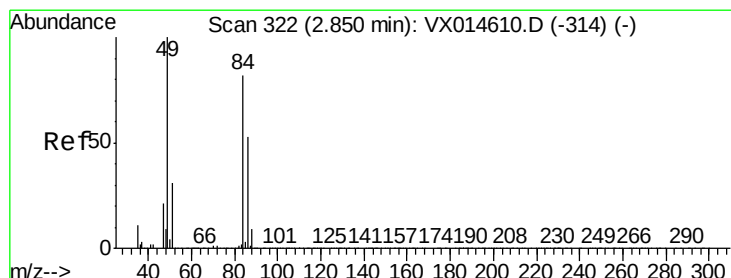
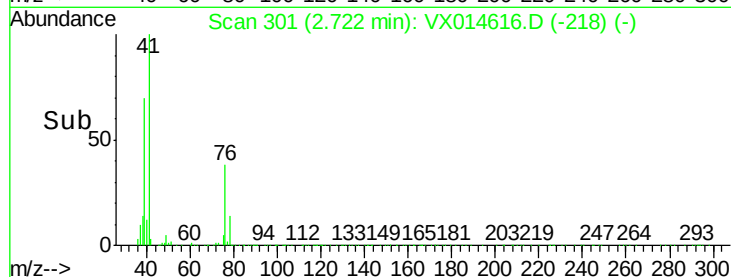
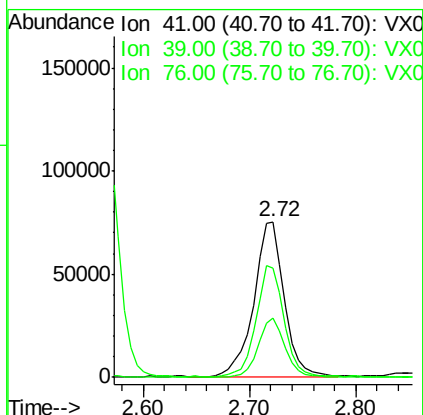
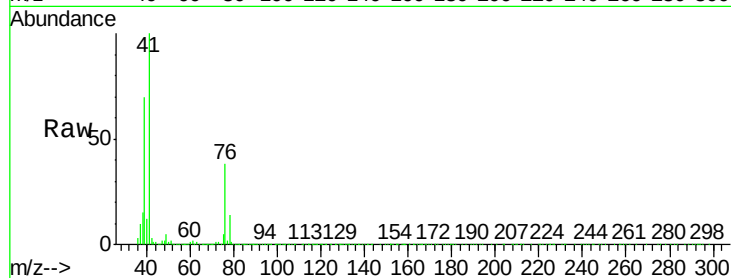




#17
 Allyl chloride
 Concen: 19.474 ug/l
 RT: 2.72 min Scan# 301
 Delta R.T. 0.01 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

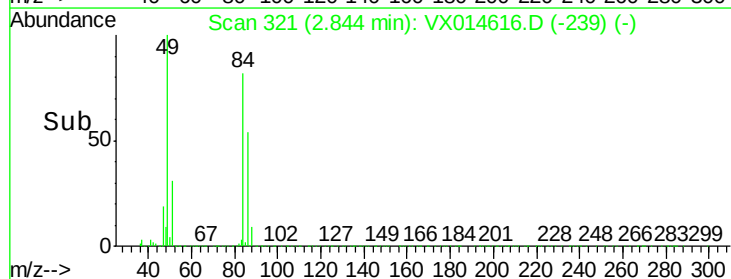
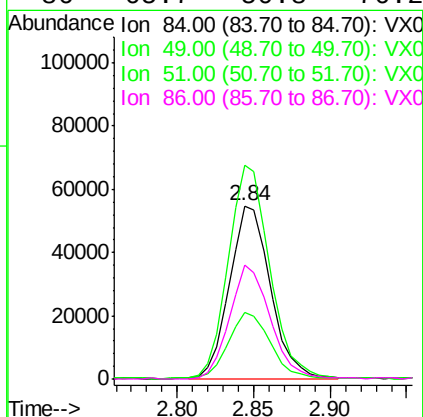
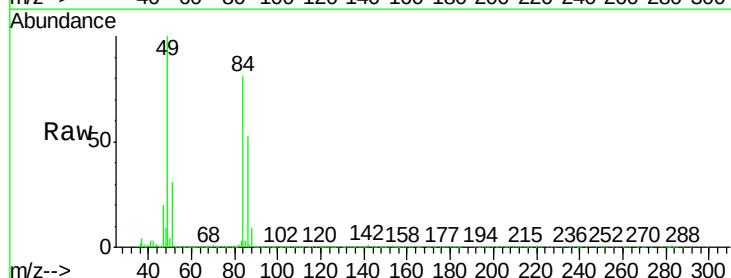
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

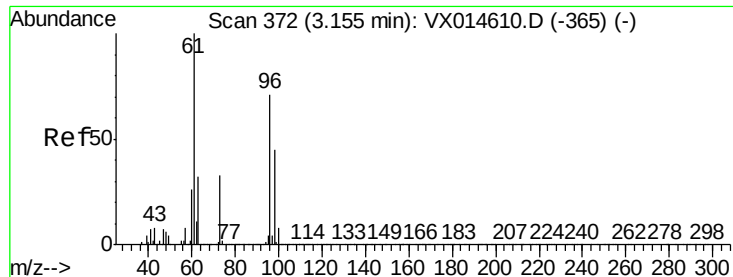
Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.5	33.4	100.2
76	37.5	17.0	50.9



#18
 Methylene Chloride
 Concen: 20.440 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	102.2	153.2
51	38.0	31.4	47.0
86	65.7	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 20.414 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

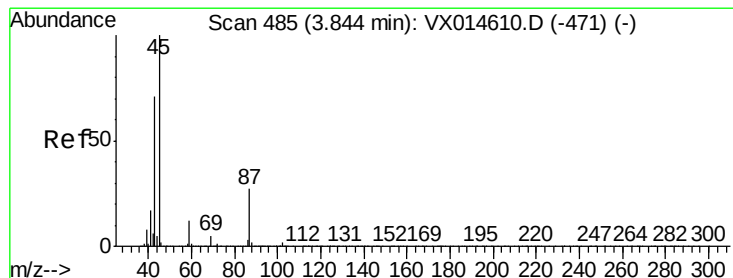
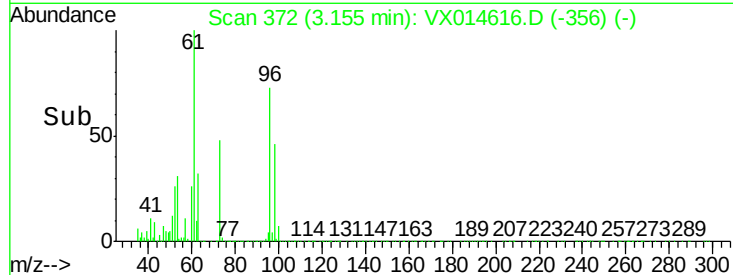
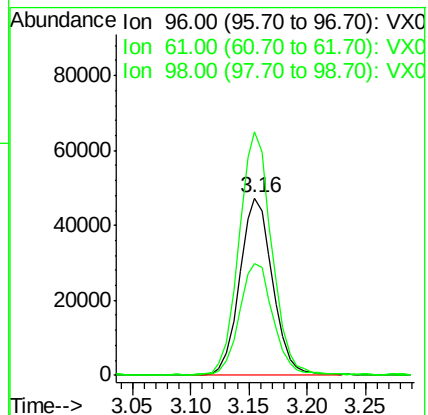
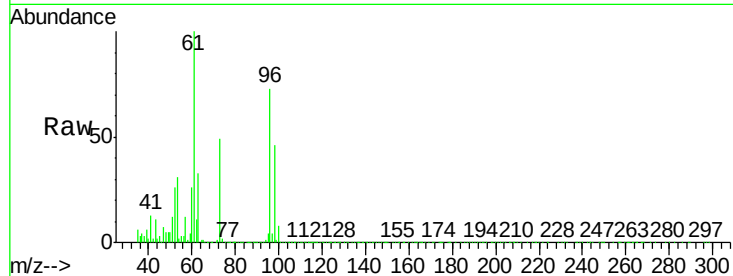
Tgt Ion: 96 Resp: 93382

Ion Ratio Lower Upper

96 100

61 136.8 106.6 159.8

98 62.8 51.6 77.4



#20

Diisopropyl ether

Concen: 19.970 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Tgt Ion: 45 Resp: 310722

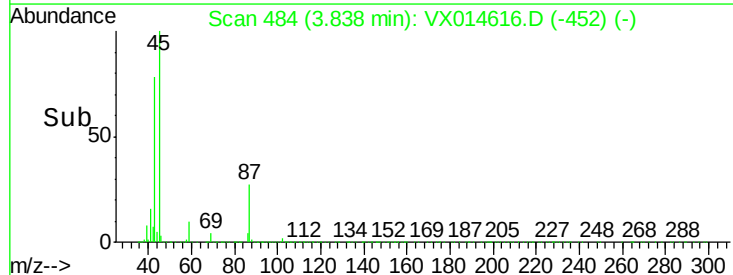
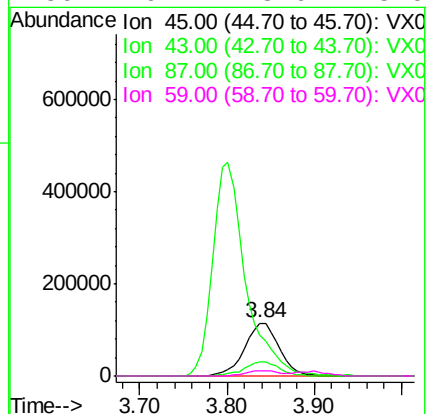
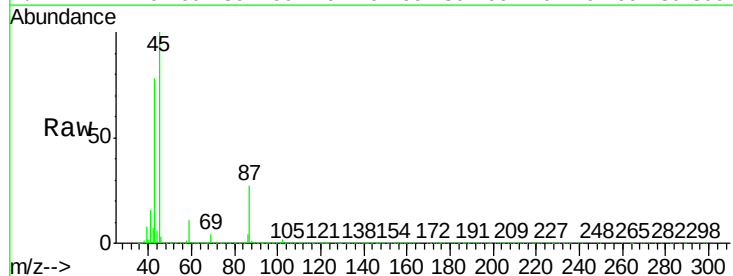
Ion Ratio Lower Upper

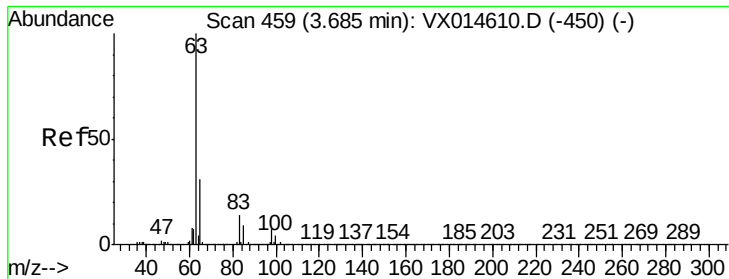
45 100

43 77.3 55.9 83.9

87 27.2 22.2 33.2

59 10.1 8.6 13.0





#21

1,1-Dichloroethane

Concen: 19.625 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

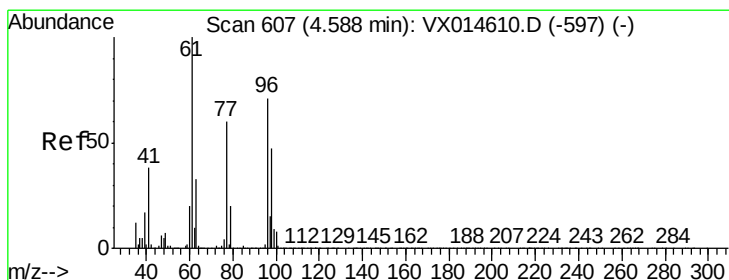
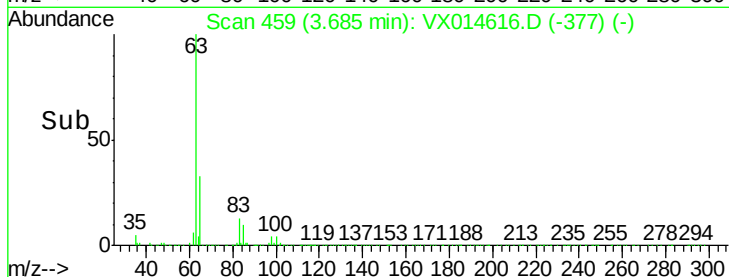
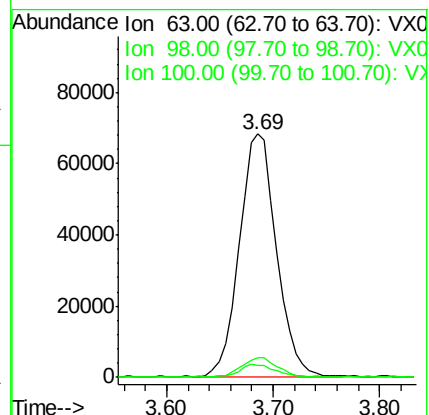
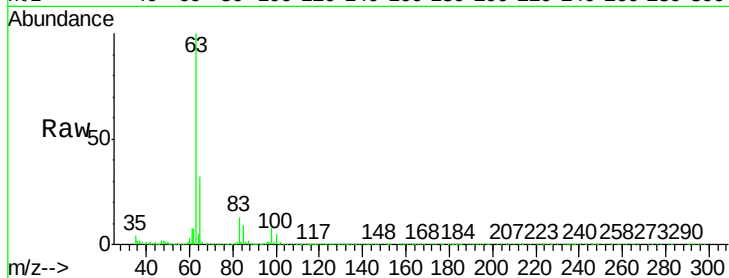
Tgt Ion: 63 Resp: 165885

Ion Ratio Lower Upper

63 100

98 8.0 3.4 10.1

100 4.8 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 19.866 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

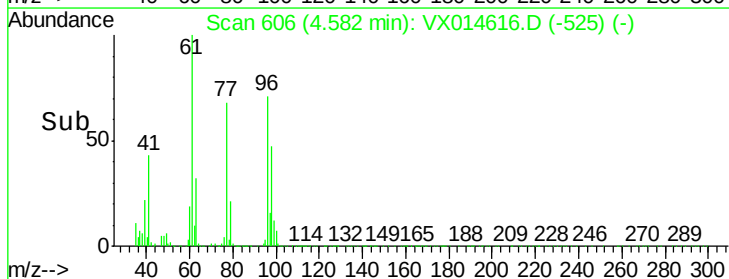
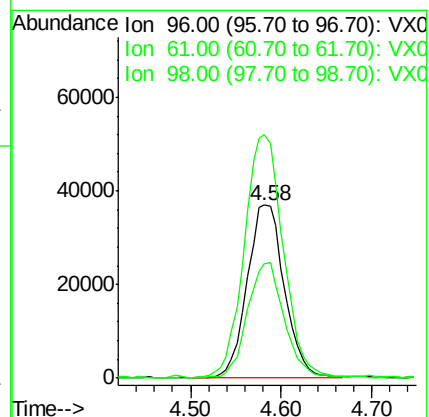
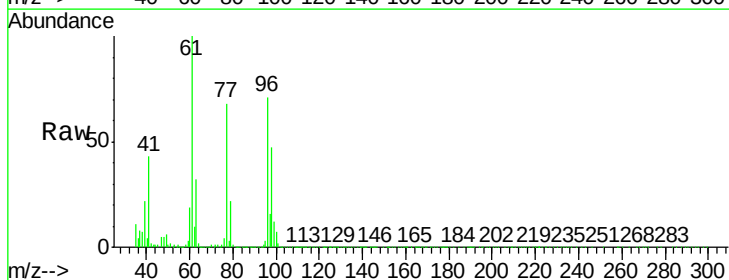
Tgt Ion: 96 Resp: 104427

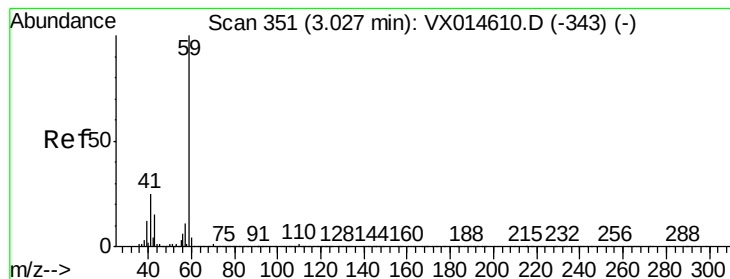
Ion Ratio Lower Upper

96 100

61 147.7 112.4 168.6

98 65.6 50.3 75.5





#23

tert-Butyl Alcohol

Concen: 12.827 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.29 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

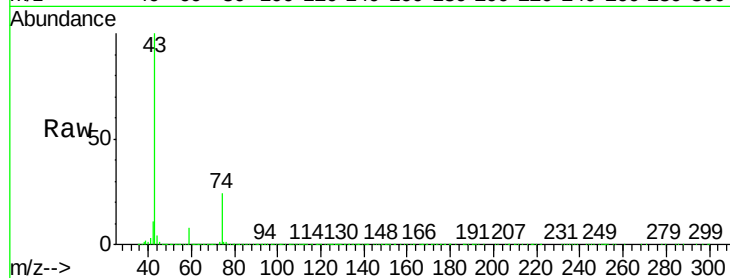
VX0115WBS01

Tgt Ion: 59 Resp: 13934

Ion Ratio Lower Upper

59 100

52 0.2 0.2 0.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

2.76

8000

6000

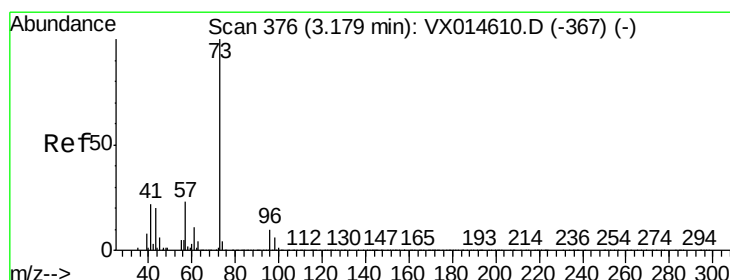
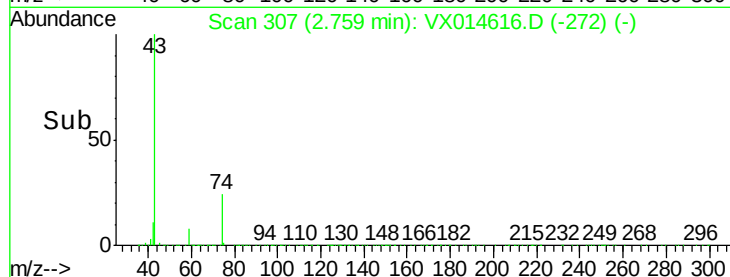
4000

2000

0

Time-->

2.70 2.75 2.80



#24

Methyl tert-Butyl Ether

Concen: 20.140 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014616.D

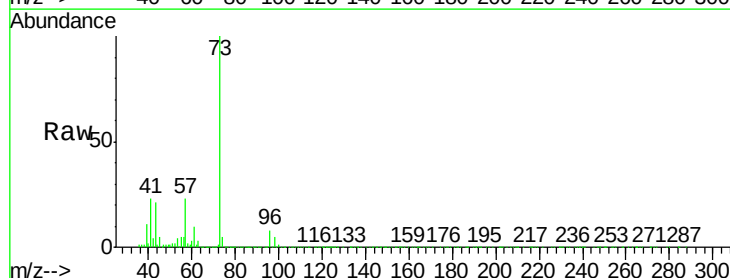
Acq: 15 Jan 2020 14:06

Tgt Ion: 73 Resp: 284812

Ion Ratio Lower Upper

73 100

43 20.8 16.6 25.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

3.18

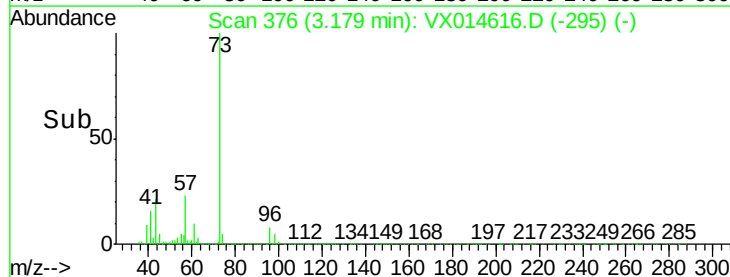
100000

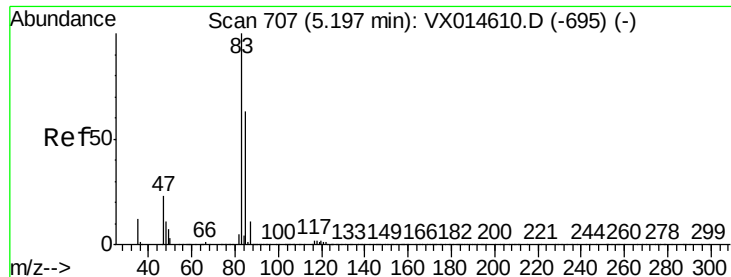
50000

0

Time-->

3.10 3.20 3.30





#25

Chloroform

Concen: 19.893 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

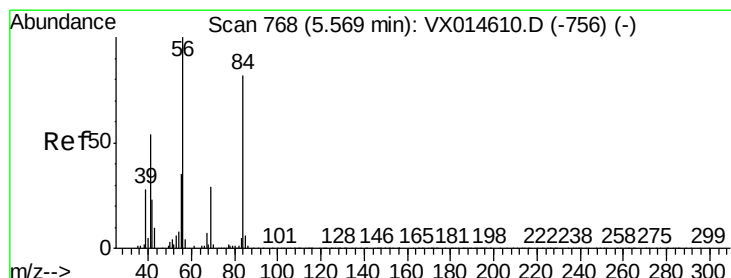
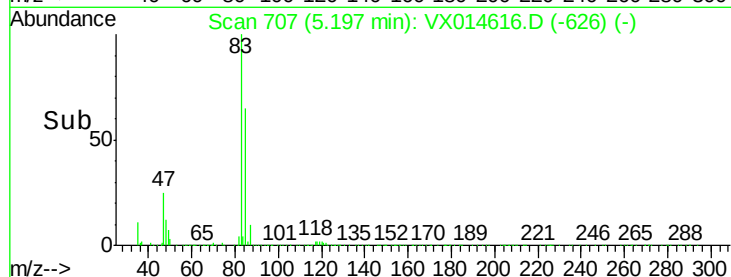
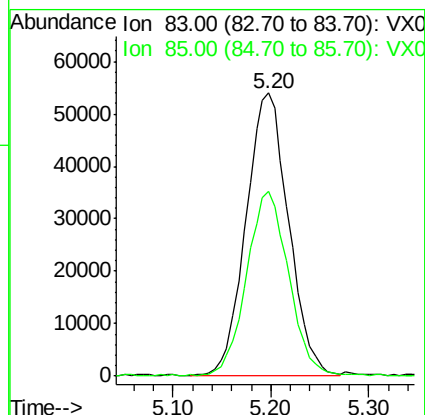
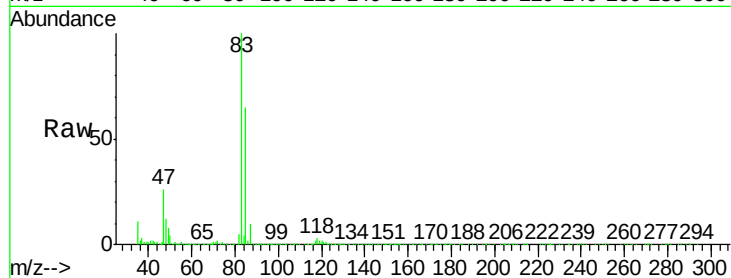
VX0115WBS01

Tgt Ion: 83 Resp: 162887

Ion Ratio Lower Upper

83 100

85 65.0 52.7 79.1



#26

Cyclohexane

Concen: 20.321 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

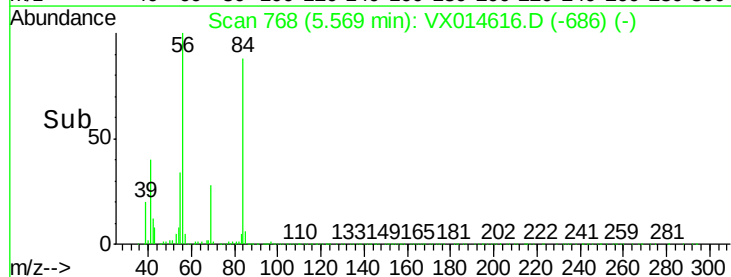
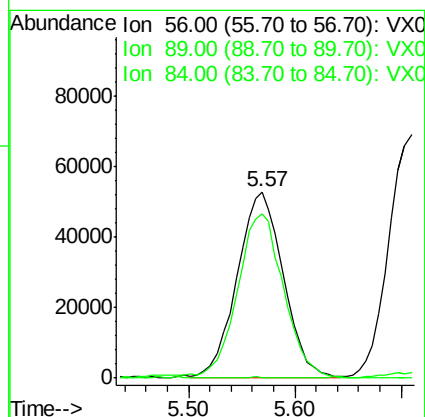
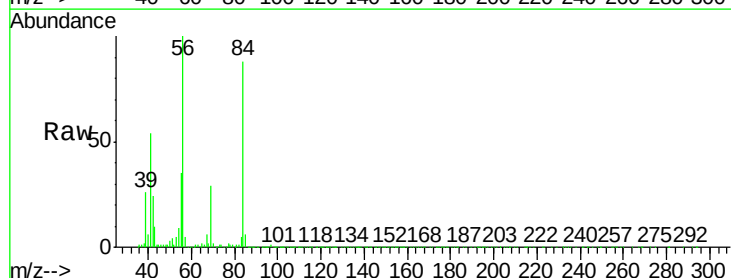
Tgt Ion: 56 Resp: 158440

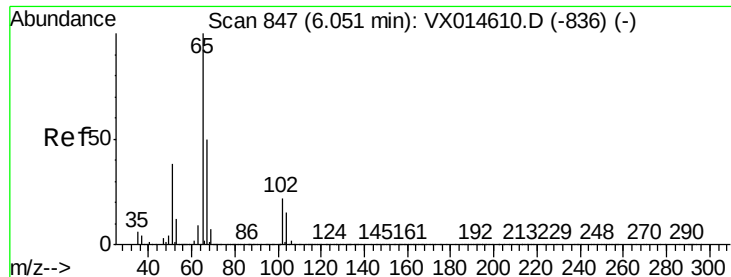
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 88.4 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 30.378 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

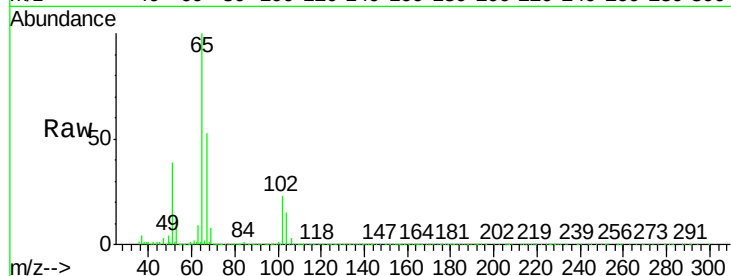
VX0115WBS01

Tgt Ion: 65 Resp: 163907

Ion Ratio Lower Upper

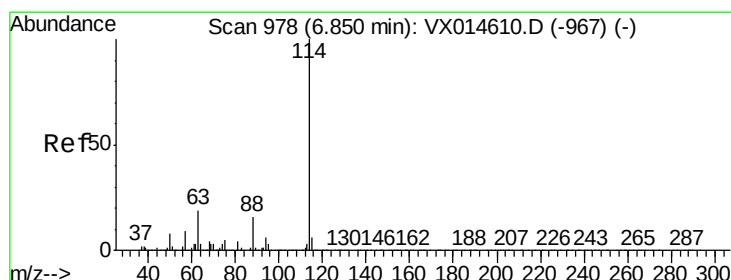
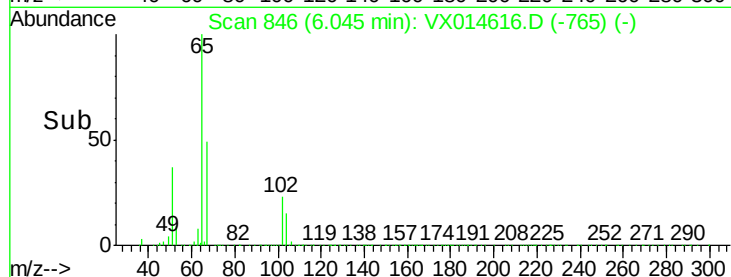
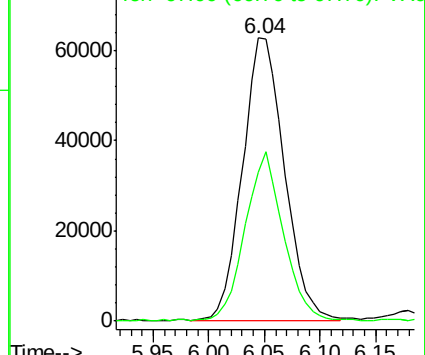
65 100

67 54.6 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

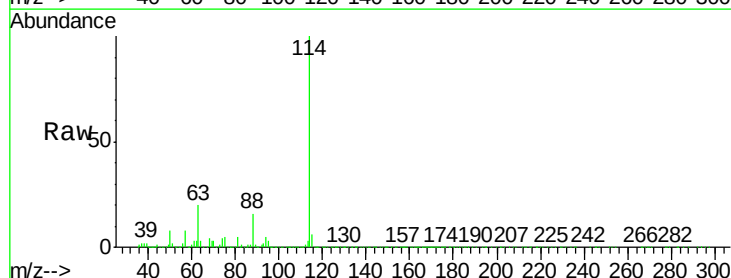
Tgt Ion: 114 Resp: 433192

Ion Ratio Lower Upper

114 100

63 20.3 16.1 24.1

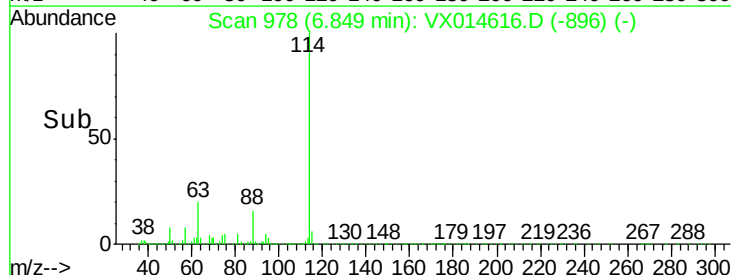
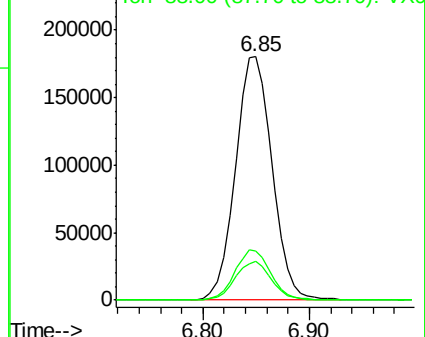
88 15.8 12.5 18.7

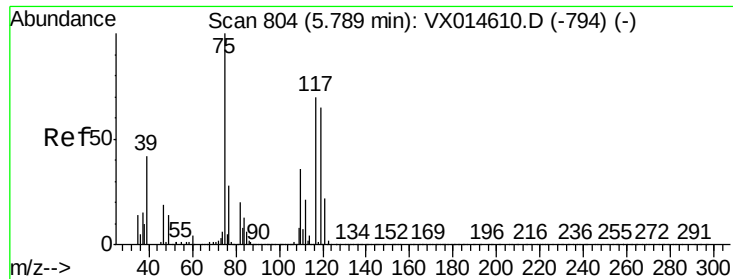


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

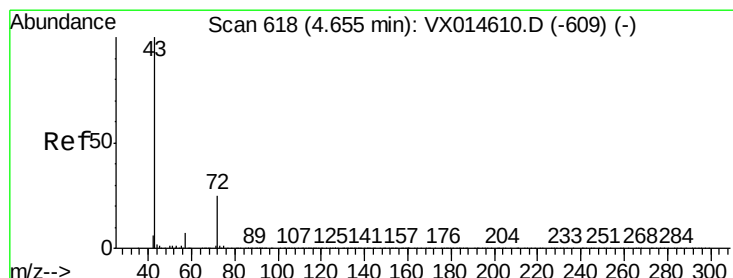
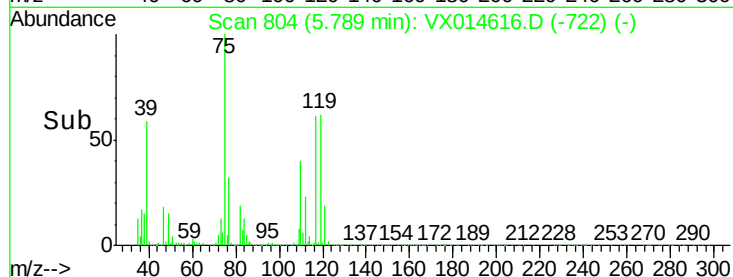
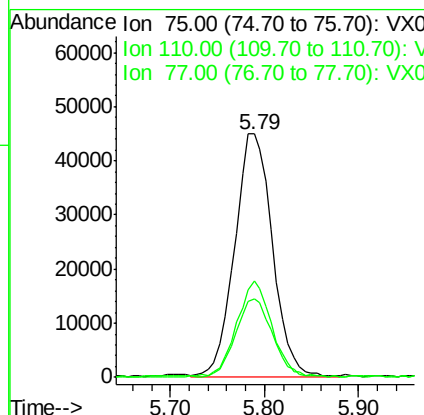
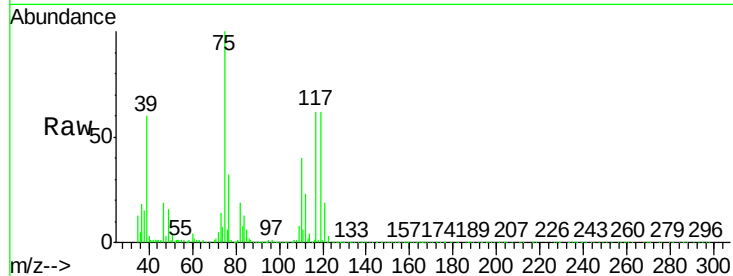




#29
 1,1-Dichloropropene
 Concen: 19.744 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

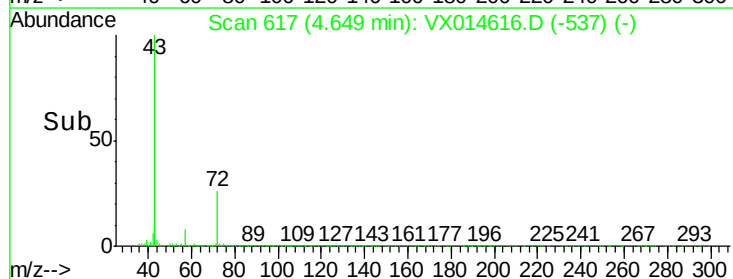
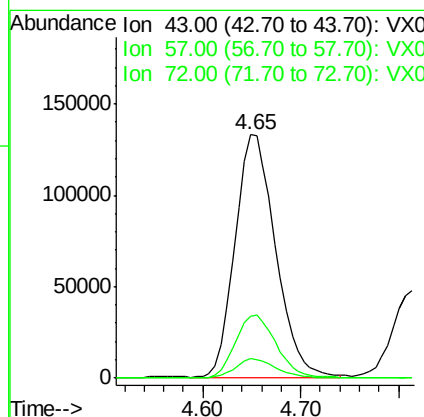
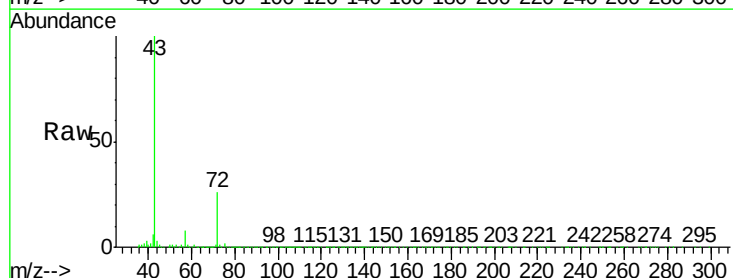
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

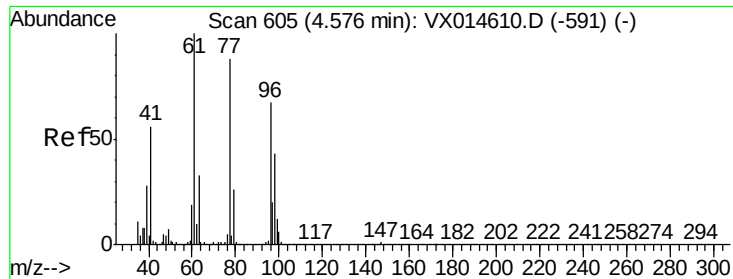
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	0.0	73.8
77	30.4	0.0	62.4



#30
 2-Butanone
 Concen: 94.666 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.2	9.2
72	25.6	20.3	30.5

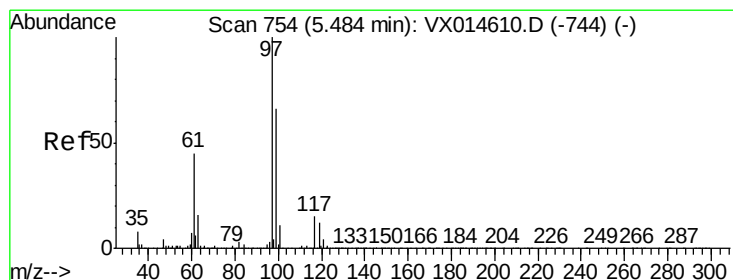
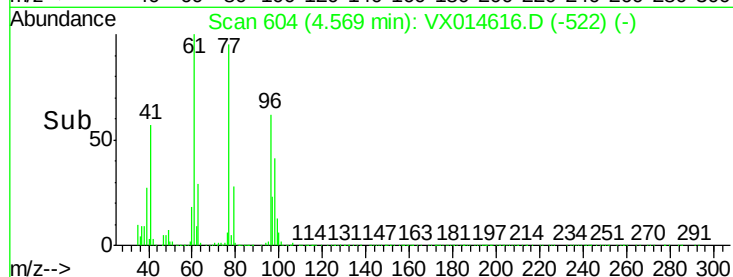
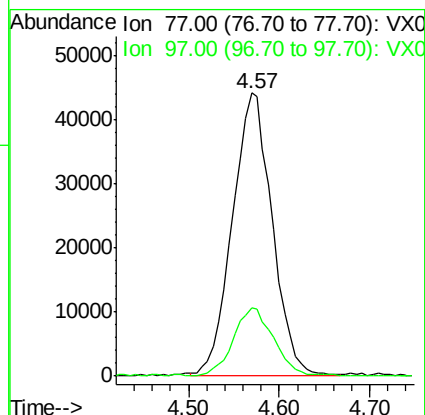
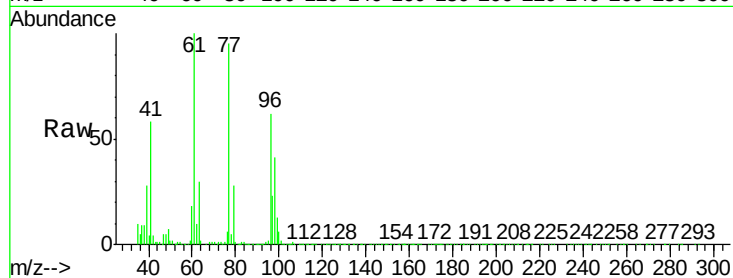




#31
 2,2-Dichloropropane
 Concen: 19.691 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

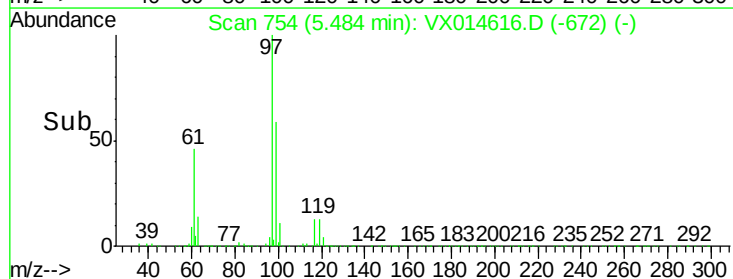
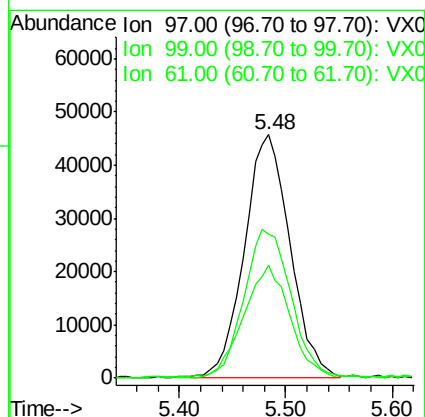
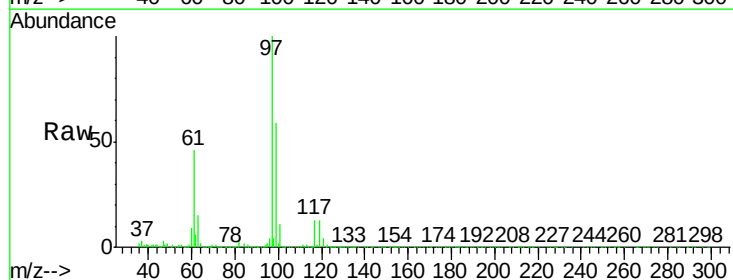
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

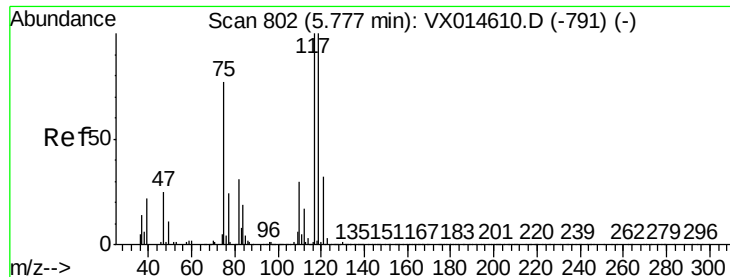
Tgt Ion: 77 Resp: 133852
 Ion Ratio Lower Upper
 77 100
 97 24.2 19.7 29.5



#32
 1,1,1-Trichloroethane
 Concen: 19.427 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Tgt Ion: 97 Resp: 136547
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.9 77.9
 61 44.8 36.8 55.2





#33

Carbon Tetrachloride

Concen: 19.348 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampled :

VX0115WBS01

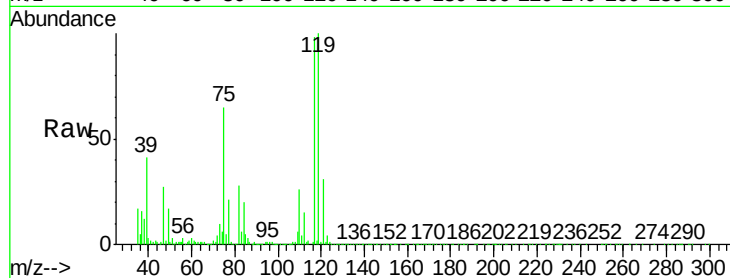
Tgt Ion: 117 Resp: 116751

Ion Ratio Lower Upper

117 100

119 102.0 77.2 115.8

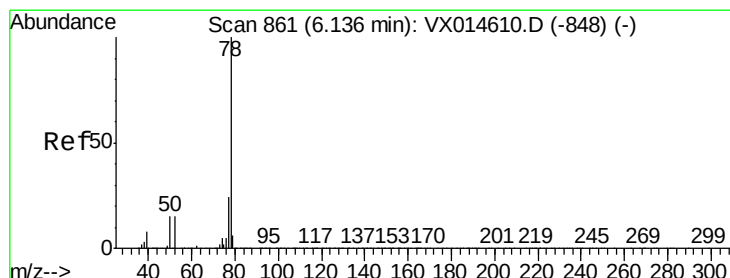
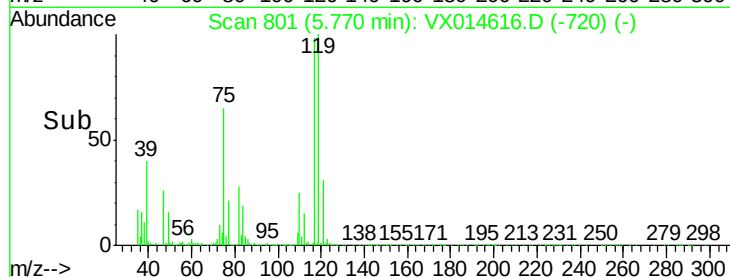
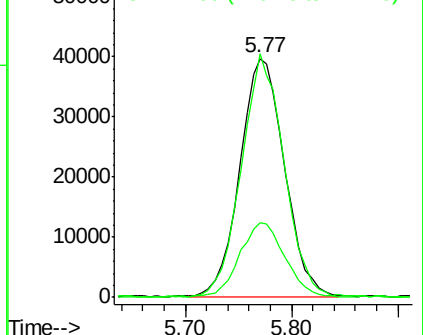
121 31.1 24.8 37.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.551 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

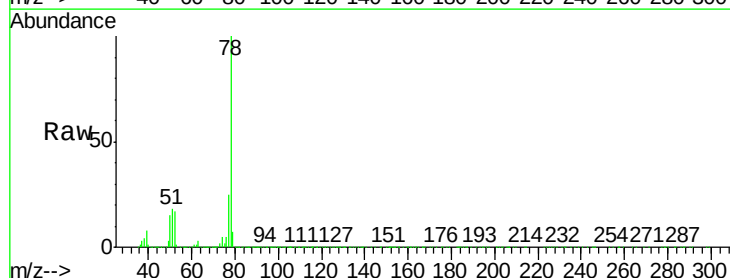
Tgt Ion: 78 Resp: 383811

Ion Ratio Lower Upper

78 100

77 24.7 18.2 27.2

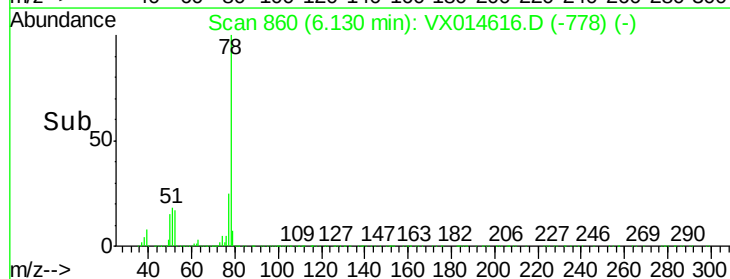
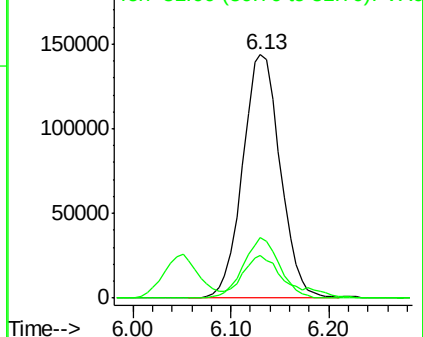
51 16.9 12.4 18.6

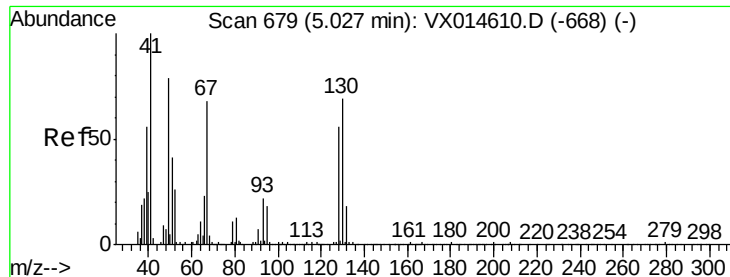


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

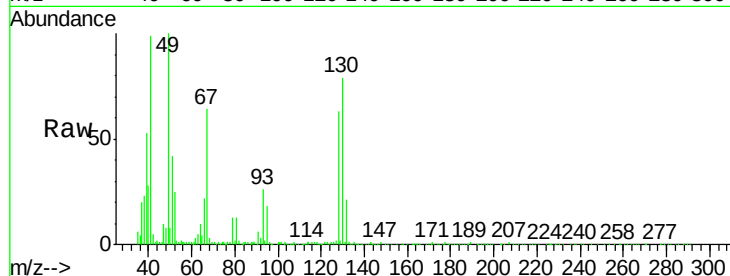




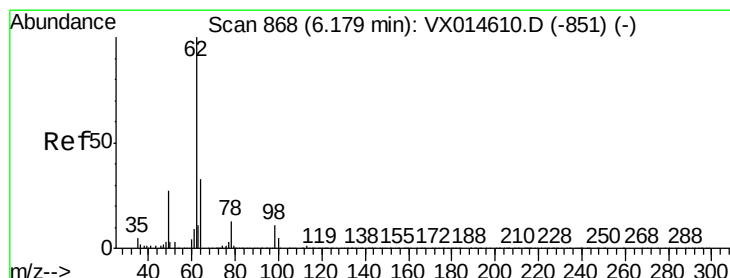
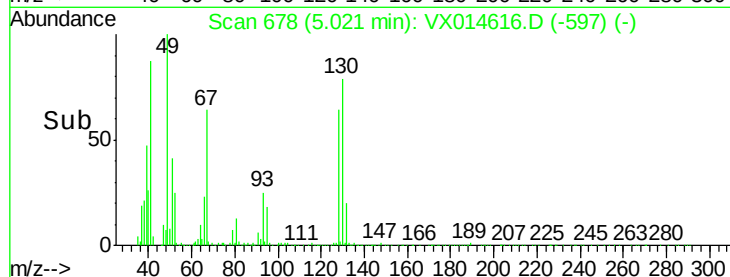
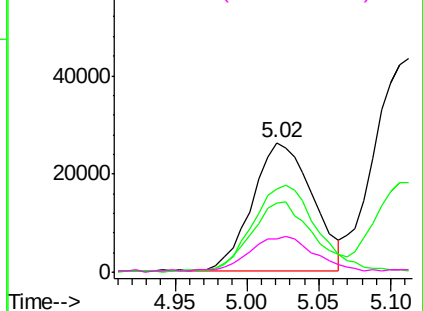
#35
Methacrylonitrile
Concen: 18.764 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

Tgt Ion:	41	Resp:	75418
Ion	Ratio	Lower	Upper
41	100		
39	52.8	26.7	80.1
67	64.5	31.5	94.5
52	25.1	12.8	38.4

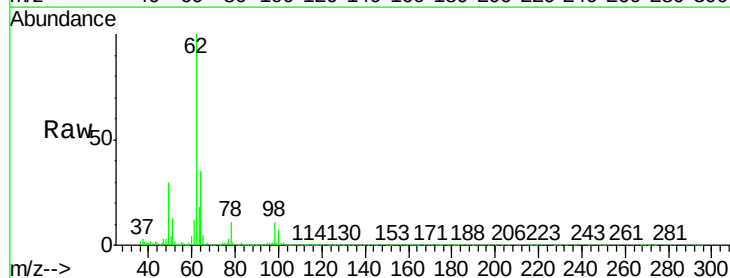


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

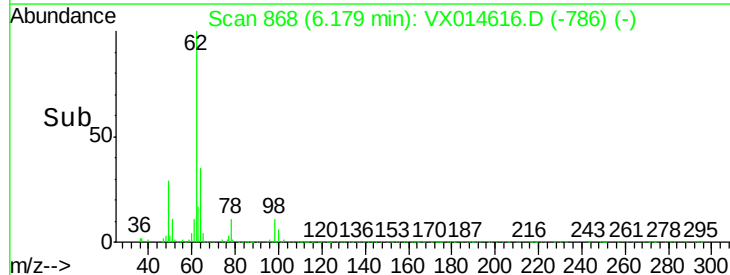
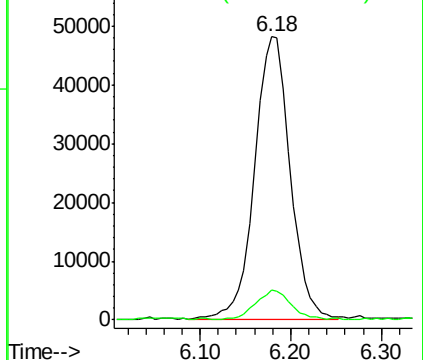


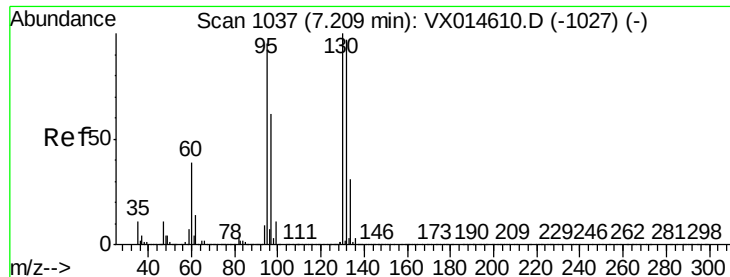
#36
1,2-Dichloroethane
Concen: 19.009 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion:	62	Resp:	129869
Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.4	12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 19.663 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

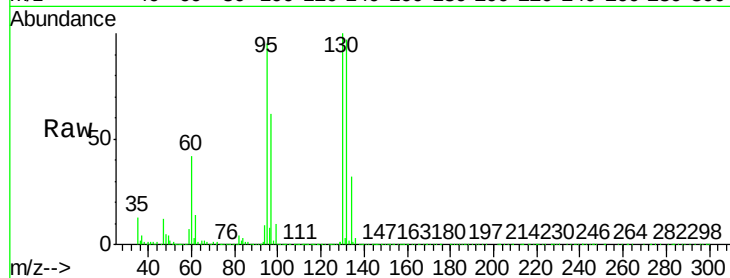
VX0115WBS01

Tgt Ion:130 Resp: 105694

Ion Ratio Lower Upper

130 100

95 94.6 71.7 107.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

60000

50000

40000

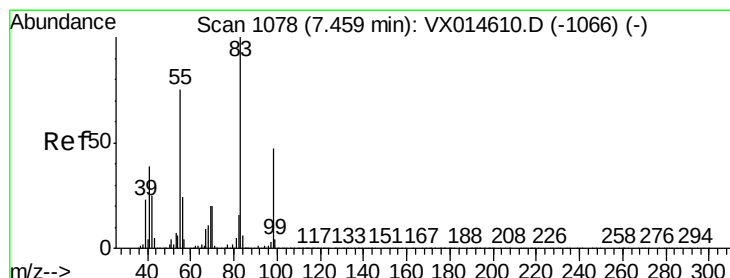
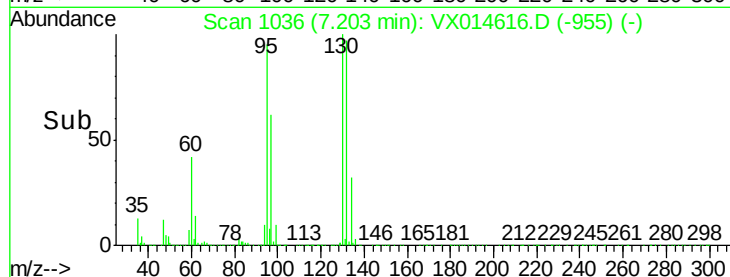
30000

20000

10000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 20.379 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

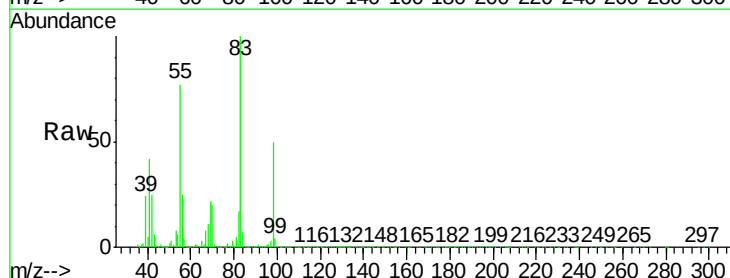
Tgt Ion: 83 Resp: 161201

Ion Ratio Lower Upper

83 100

55 78.0 39.4 118.1

98 49.1 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.45

100000

80000

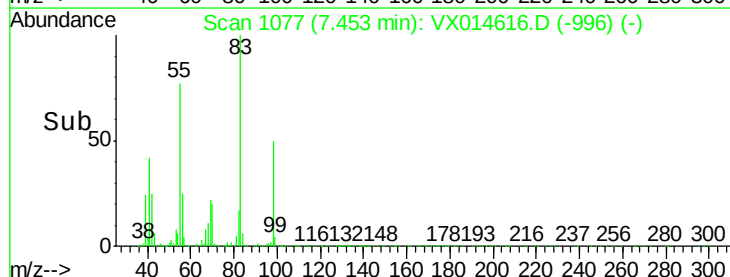
60000

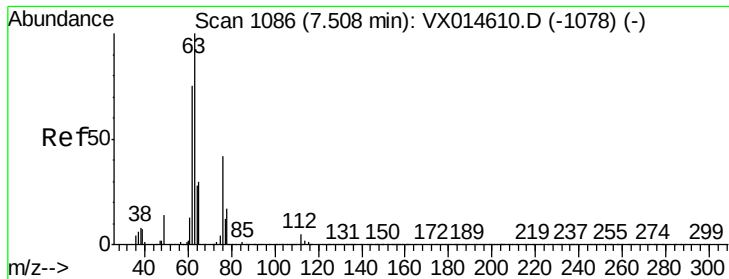
40000

20000

0

Time--> 7.35 7.40 7.45 7.50 7.55

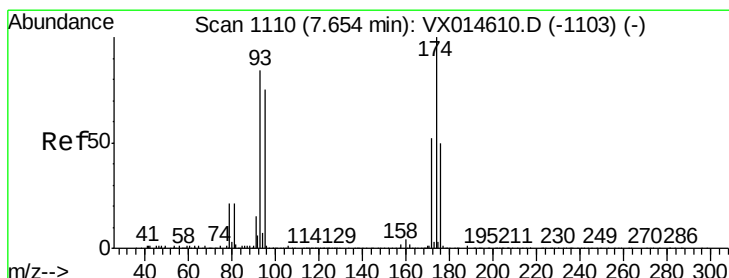
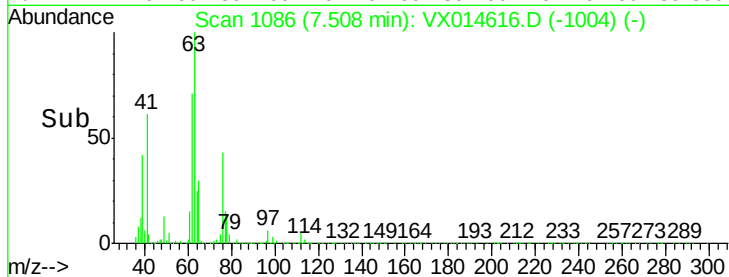
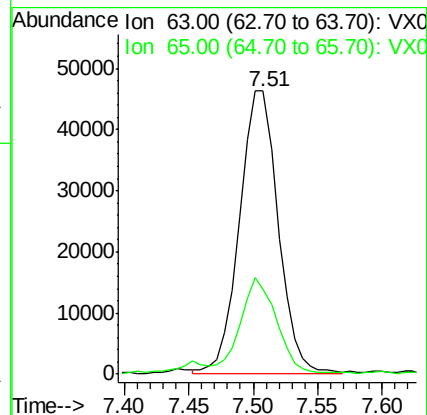
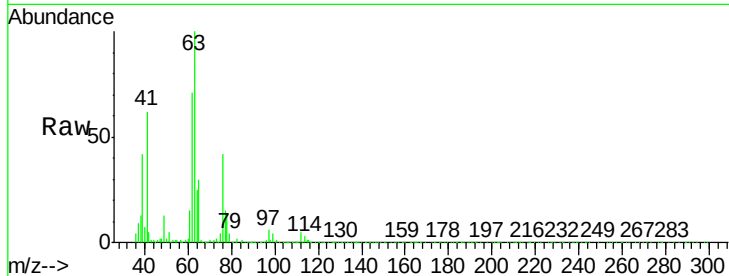




#39
 1,2-Dichloropropane
 Concen: 18.750 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

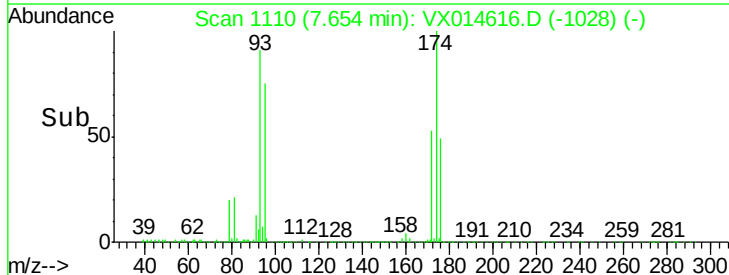
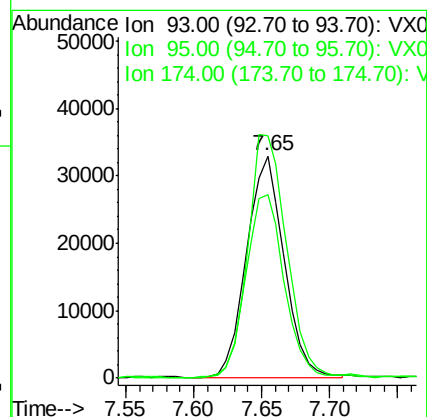
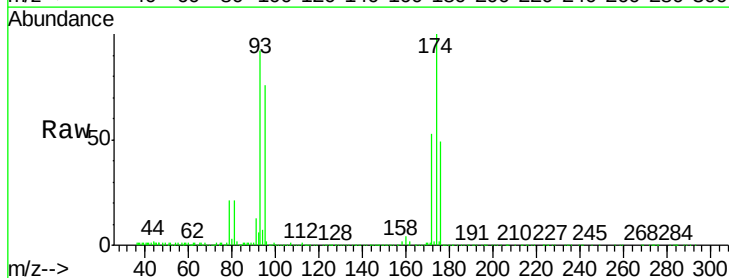
Instrument :
 MSVOA_X
 ClientSampled :
 VX0115WBS01

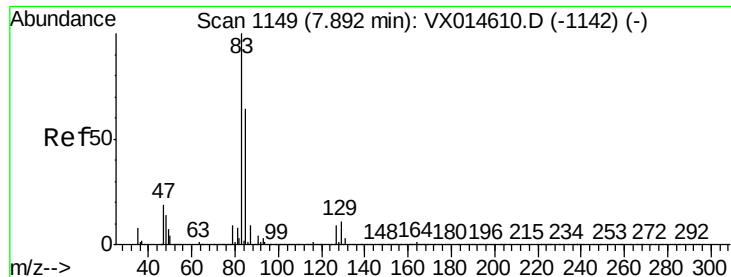
Tgt Ion: 63 Resp: 95718
 Ion Ratio Lower Upper
 63 100
 65 29.9 22.1 33.1



#40
 Dibromomethane
 Concen: 19.487 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Tgt Ion: 93 Resp: 63932
 Ion Ratio Lower Upper
 93 100
 95 83.5 0.0 164.4
 174 113.2 0.0 228.8





#41

Bromodichloromethane

Concen: 18.780 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

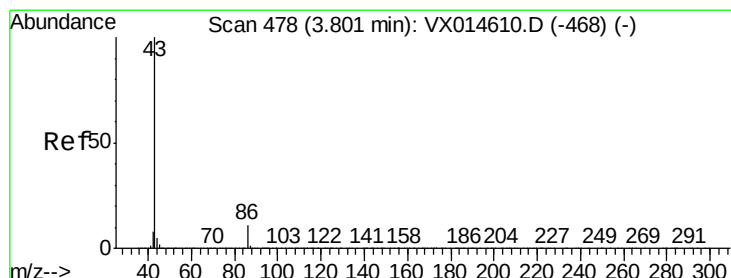
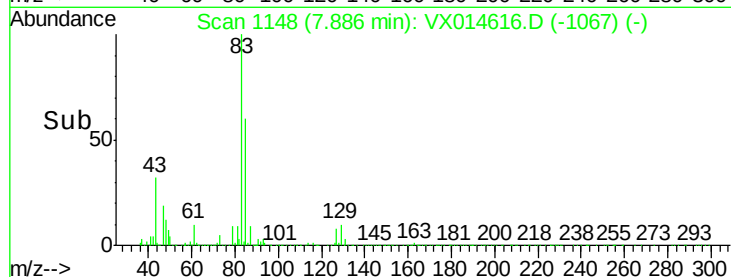
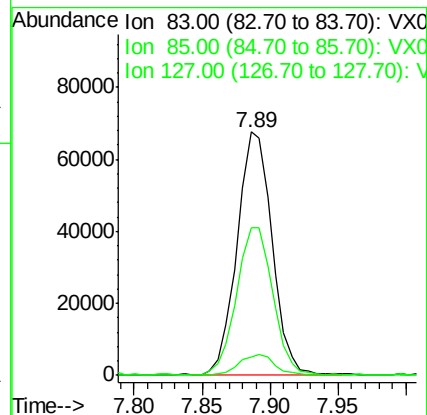
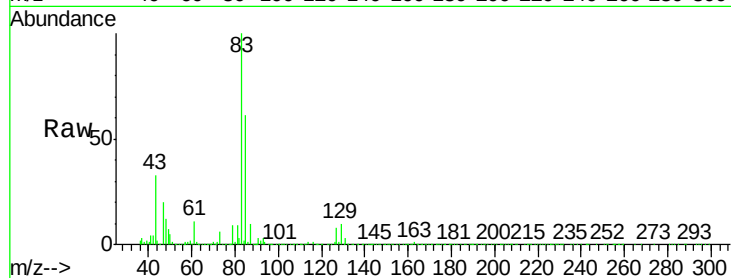
Tgt Ion: 83 Resp: 120654

Ion Ratio Lower Upper

83 100

85 60.3 51.6 77.4

127 7.7 6.0 9.0



#42

Vinyl Acetate

Concen: 97.544 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014616.D

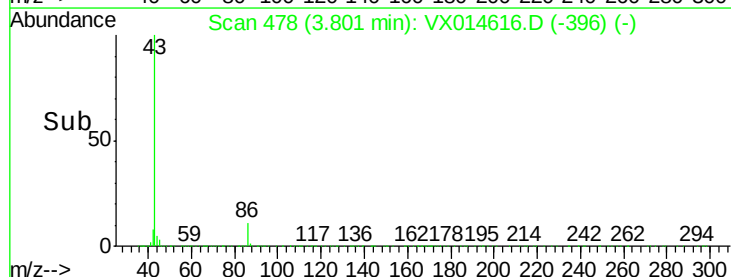
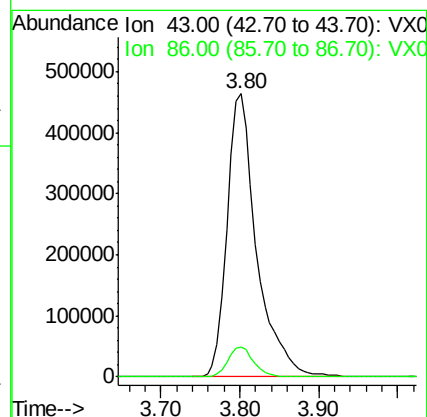
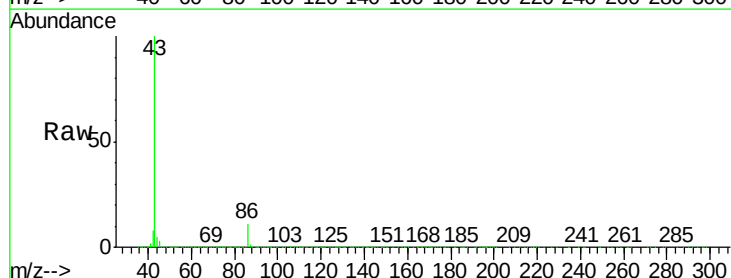
Acq: 15 Jan 2020 14:06

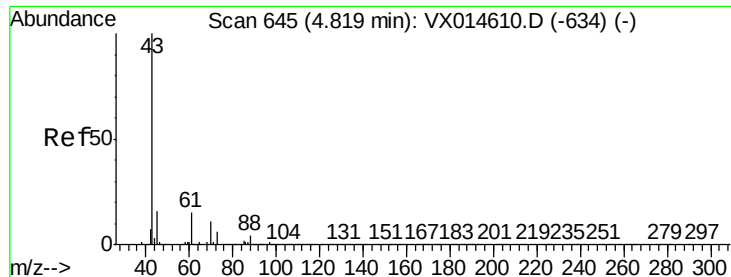
Tgt Ion: 43 Resp: 1209959

Ion Ratio Lower Upper

43 100

86 9.3 7.7 11.5

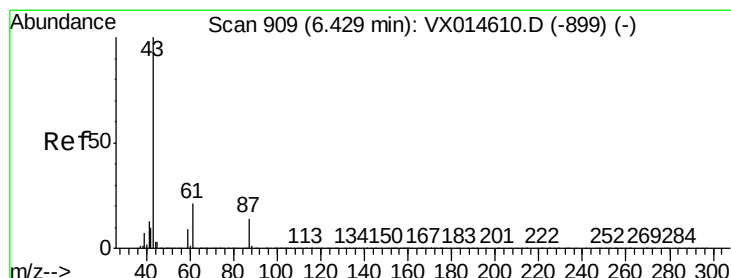
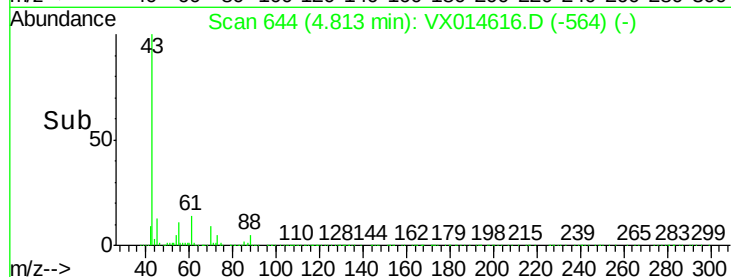
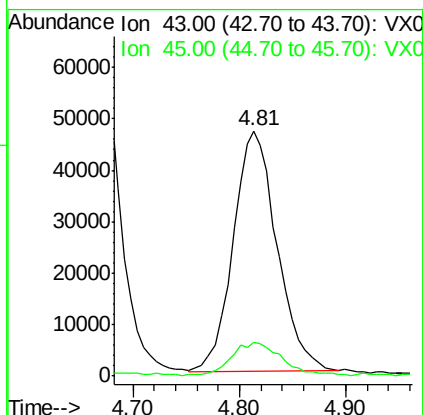
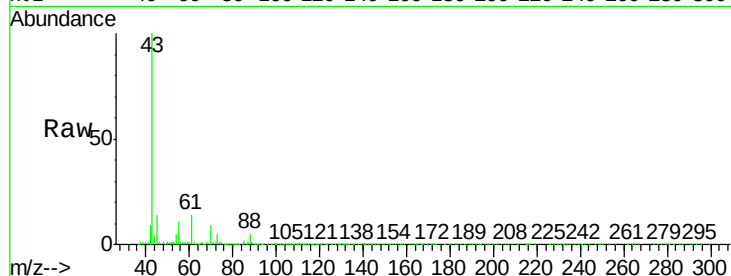




#43
Ethyl Acetate
Concen: 18.424 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

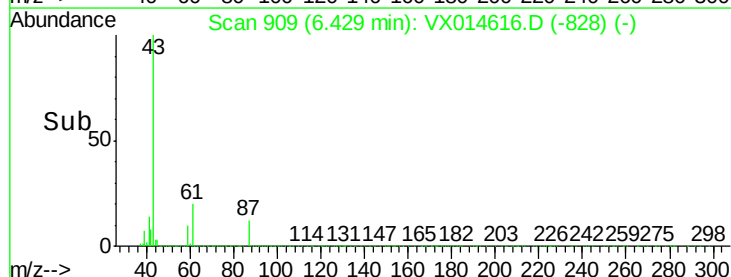
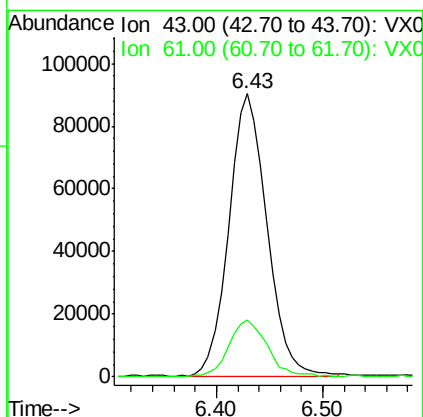
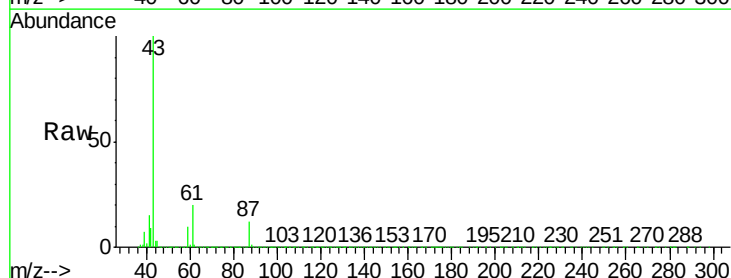
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

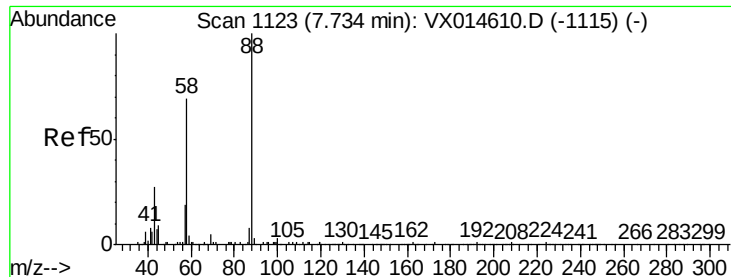
Tgt Ion: 43 Resp: 134224
Ion Ratio Lower Upper
43 100
45 14.8 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.175 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion: 43 Resp: 225357
Ion Ratio Lower Upper
43 100
61 19.9 15.9 23.9





#45

1,4-Dioxane

Concen: 412.797 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

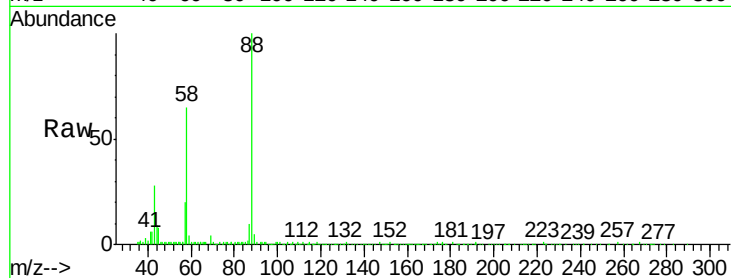
Tgt Ion: 88 Resp: 48529

Ion Ratio Lower Upper

88 100

43 29.9 25.4 38.2

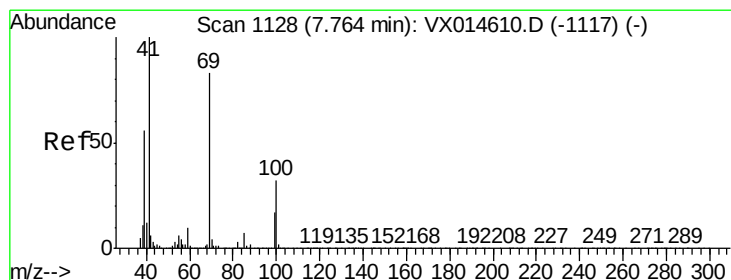
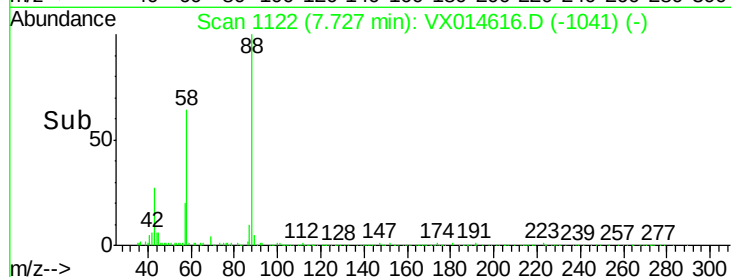
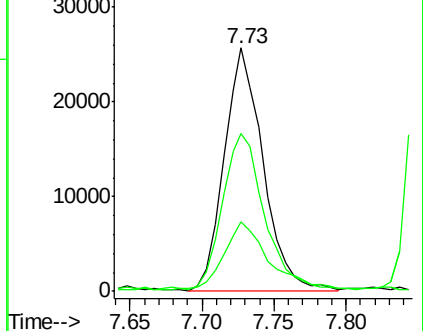
58 68.7 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.072 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

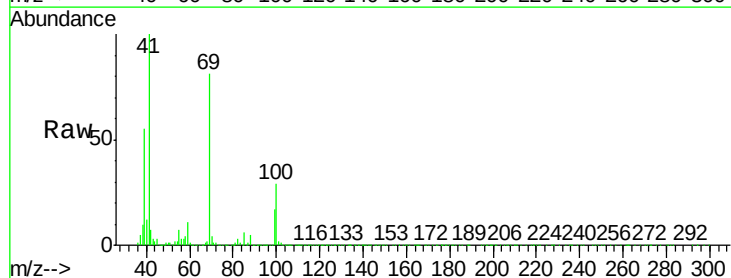
Tgt Ion: 41 Resp: 110229

Ion Ratio Lower Upper

41 100

69 81.6 40.6 122.0

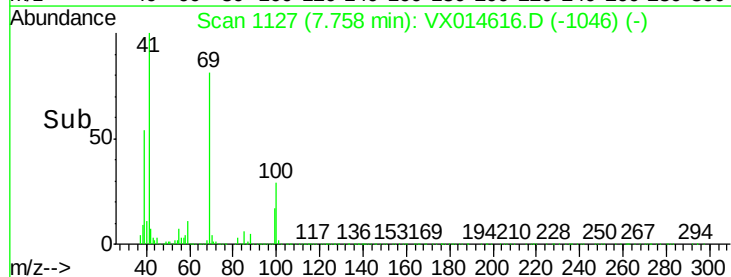
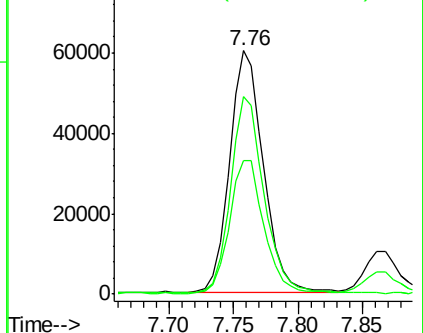
39 54.6 27.8 83.3

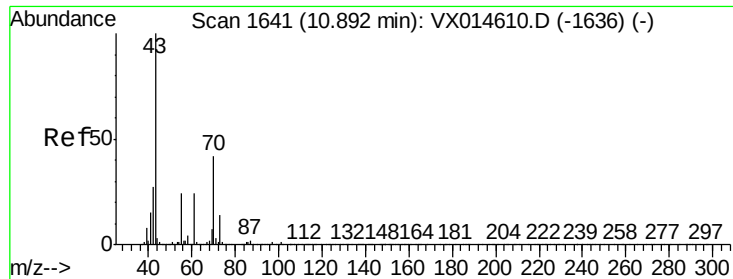


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

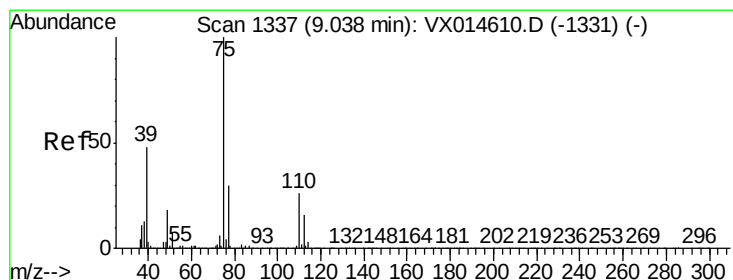
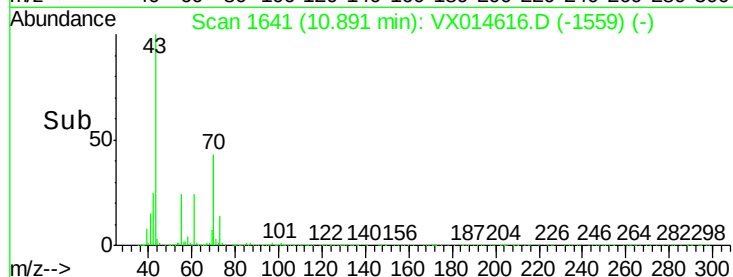
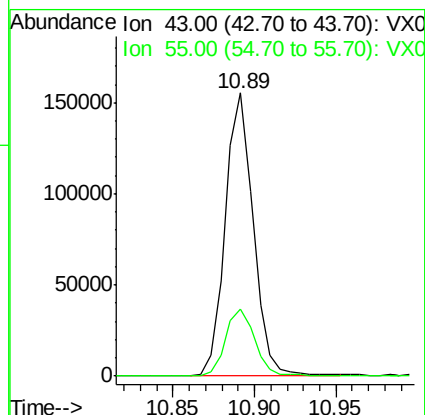
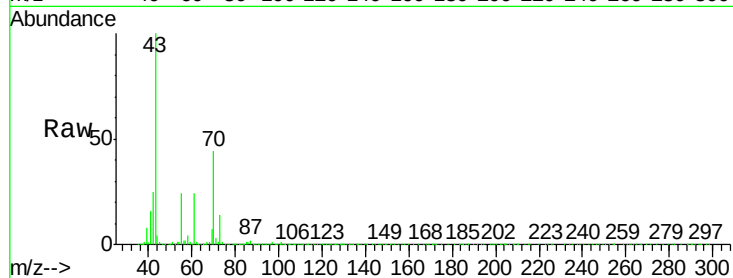




#47
n-amyl Acetate
Concen: 18.660 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

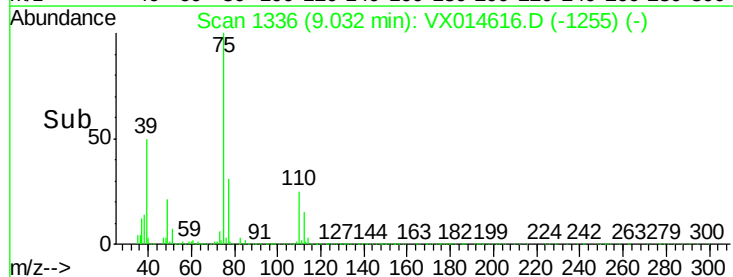
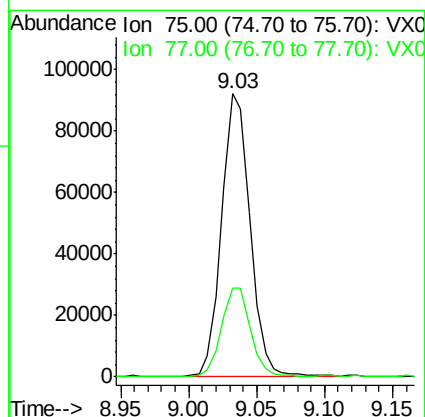
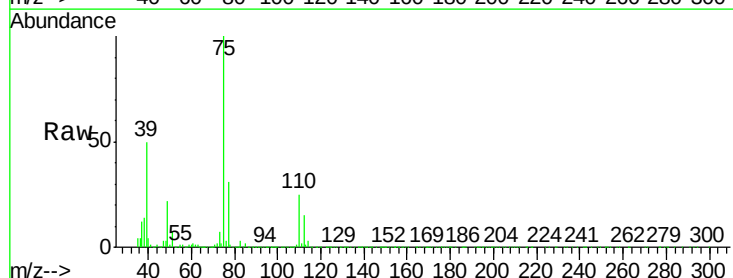
Instrument :
MSVOA_X
ClientSampled :
VX0115WBS01

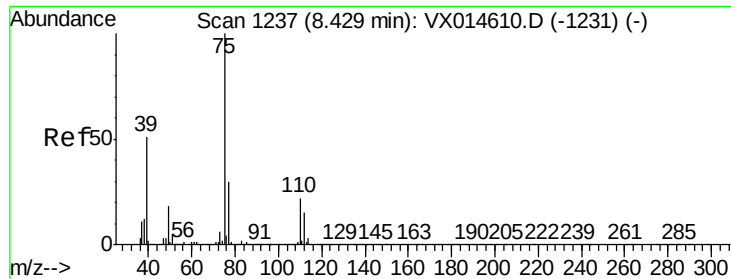
Tgt Ion: 43 Resp: 183759
Ion Ratio Lower Upper
43 100
55 24.4 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 19.038 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion: 75 Resp: 133540
Ion Ratio Lower Upper
75 100
77 31.1 26.0 39.0



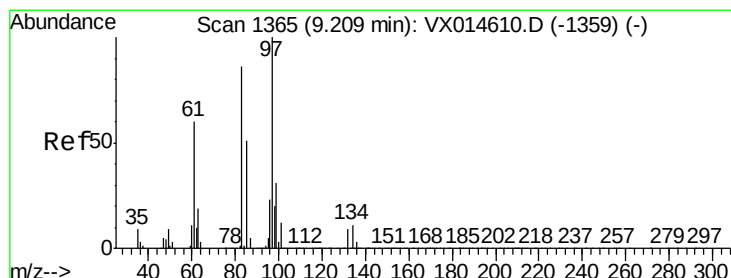
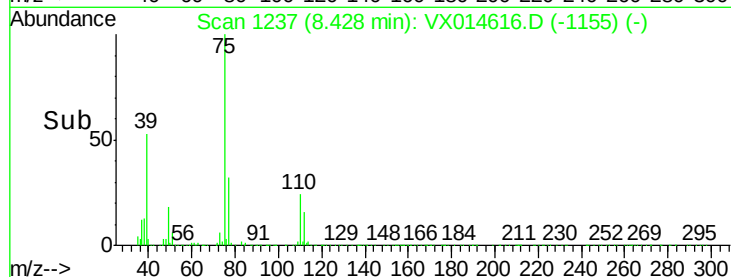
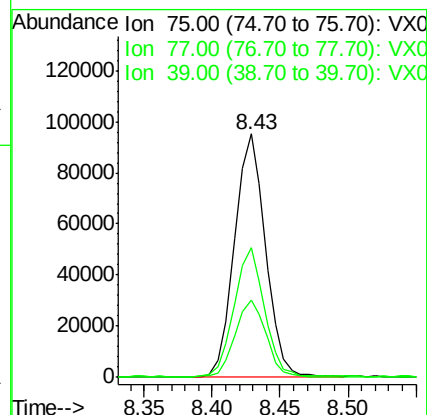
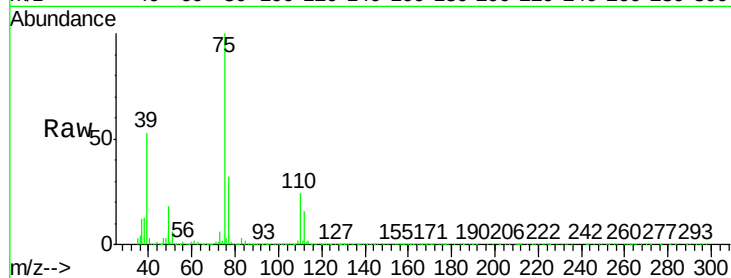


#49

cis-1,3-Dichloropropene
Concen: 19.099 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

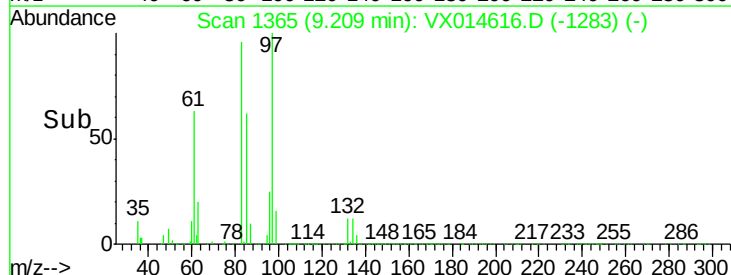
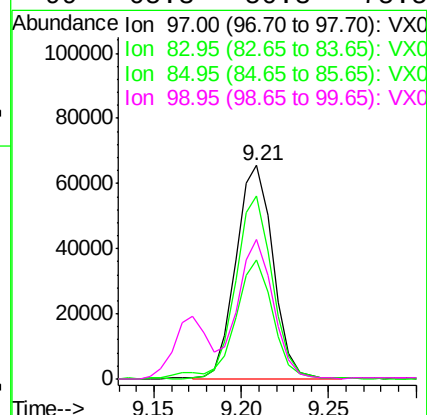
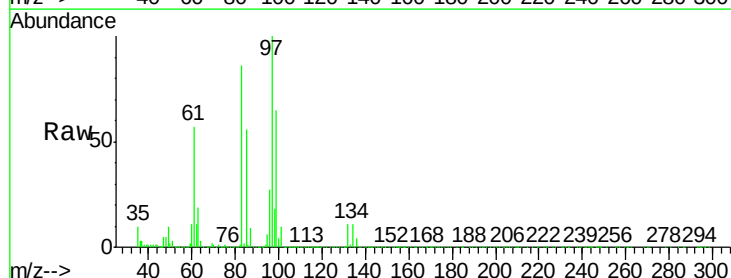
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.8	37.2
39	53.3	41.1	61.7

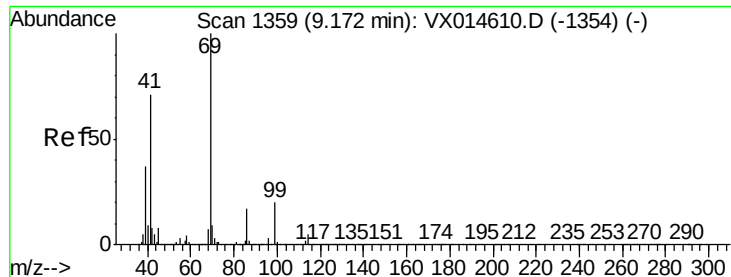


#50

1,1,2-Trichloroethane
Concen: 19.400 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.1	102.1
85	55.5	42.7	64.1
99	65.3	50.3	75.5





#51

Ethyl methacrylate

Concen: 18.865 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampled :

VX0115WBS01

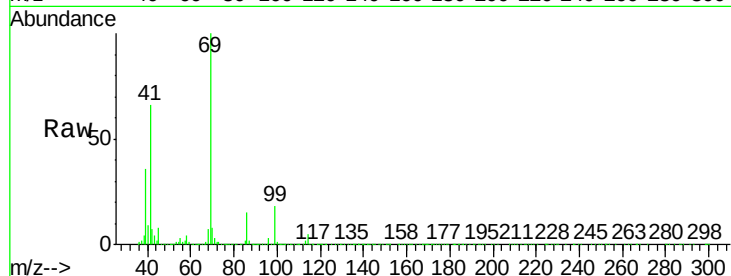
Tgt Ion: 69 Resp: 146639

Ion Ratio Lower Upper

69 100

41 65.2 35.4 106.1

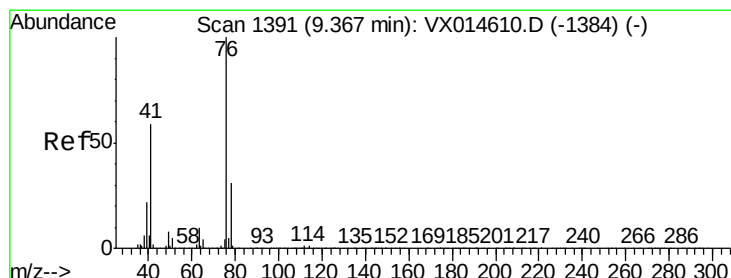
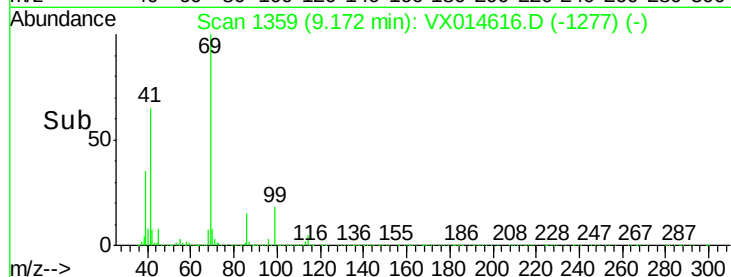
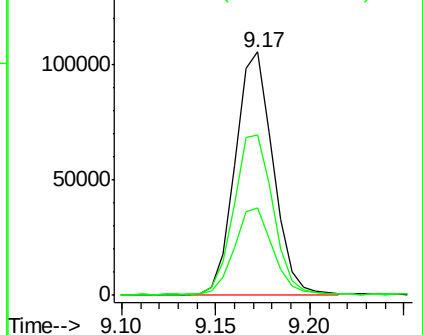
39 35.8 17.8 53.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.163 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014616.D

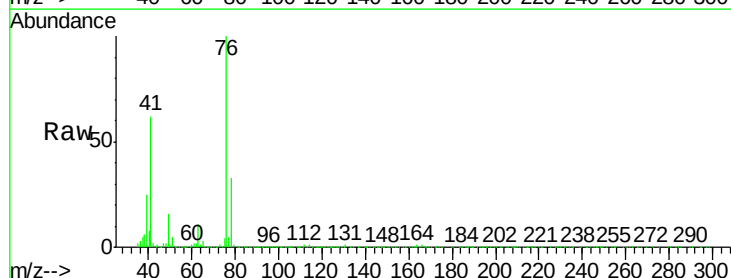
Acq: 15 Jan 2020 14:06

Tgt Ion: 76 Resp: 162089

Ion Ratio Lower Upper

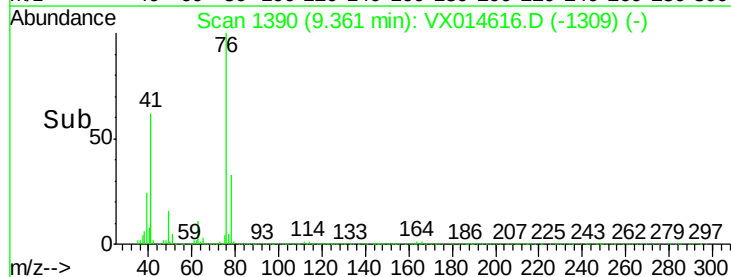
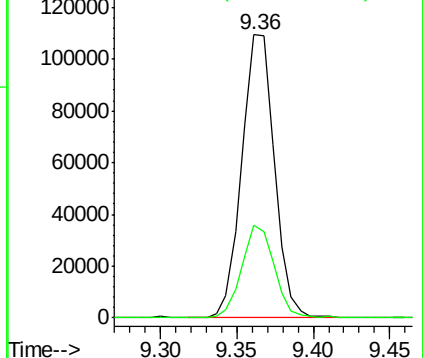
76 100

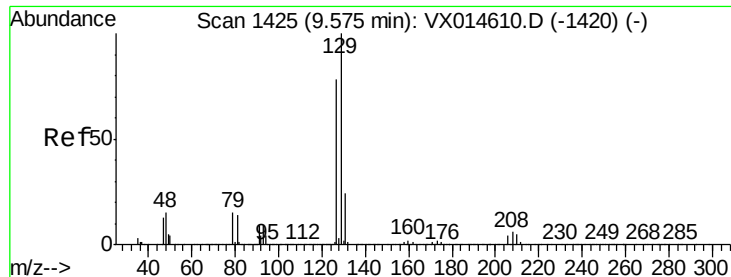
78 32.1 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.793 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

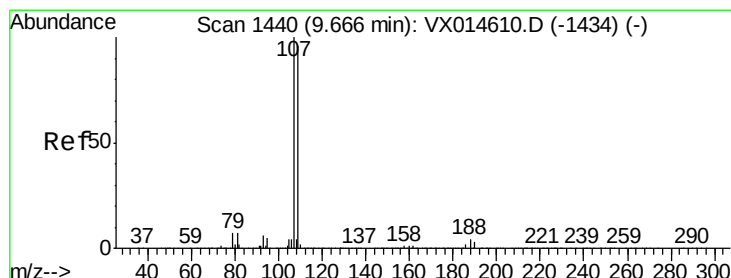
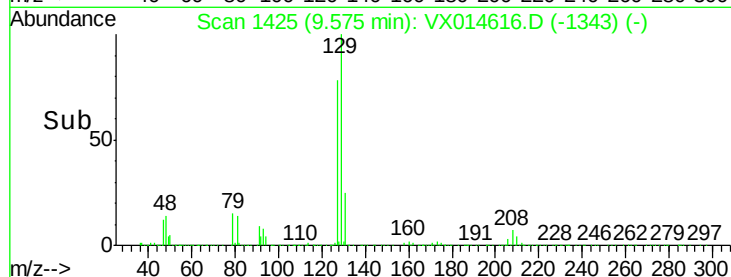
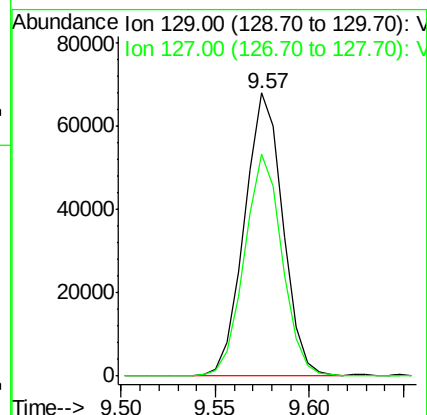
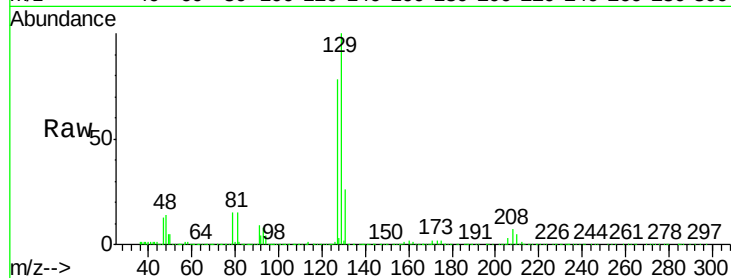
VX0115WBS01

Tgt Ion:129 Resp: 95965

Ion Ratio Lower Upper

129 100

127 77.3 39.1 117.5



#54

1,2-Dibromoethane

Concen: 19.514 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014616.D

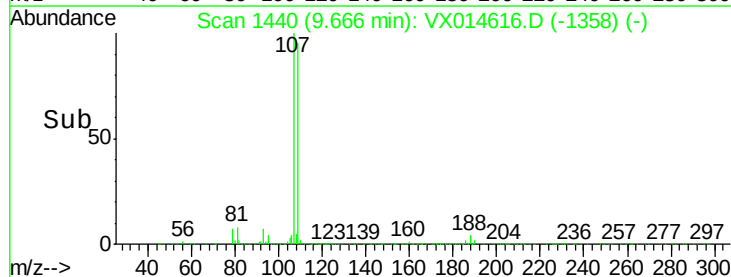
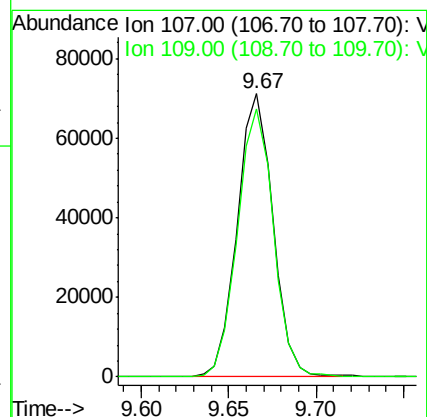
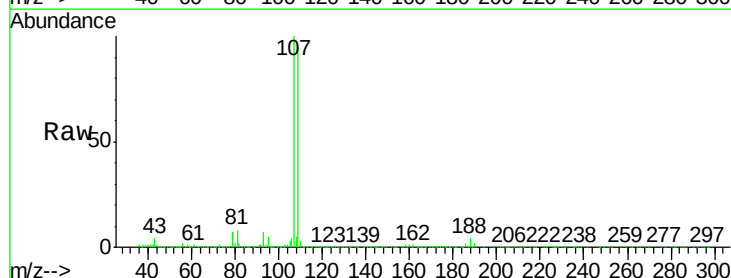
Acq: 15 Jan 2020 14:06

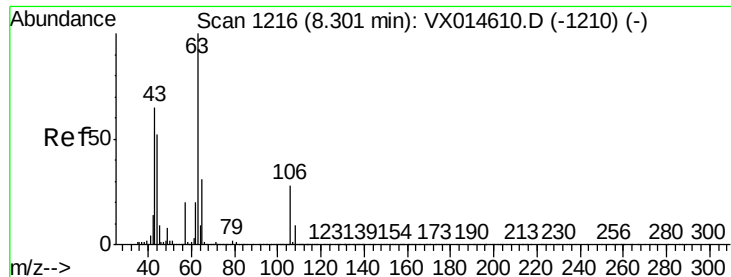
Tgt Ion:107 Resp: 101033

Ion Ratio Lower Upper

107 100

109 95.1 77.2 115.8

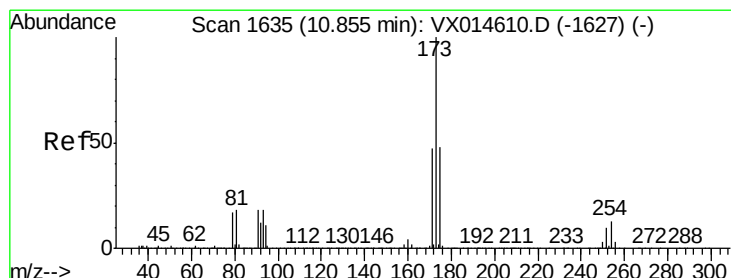
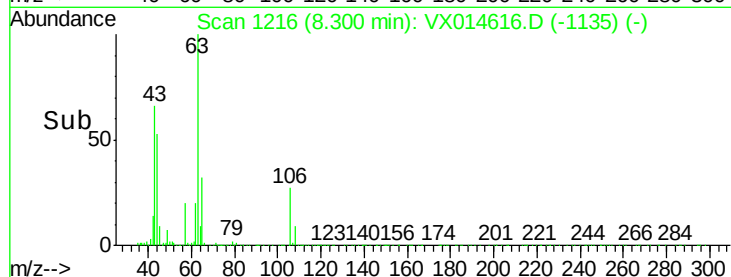
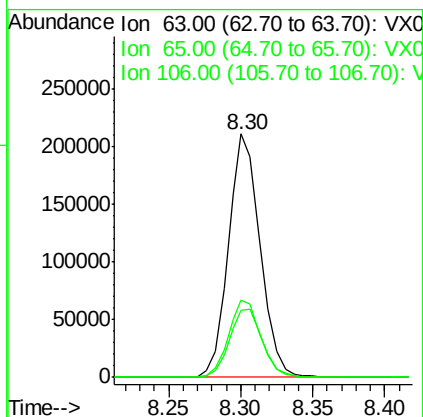
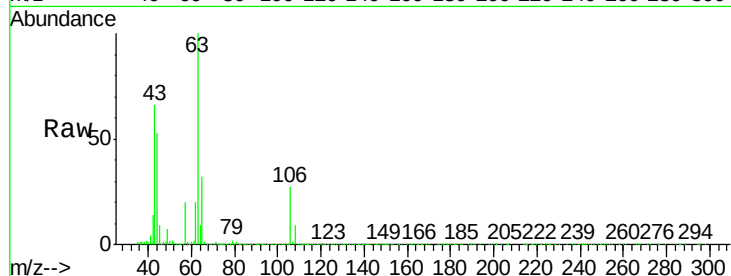




#55
 2-Chloroethyl vinyl ether
 Concen: 90.121 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

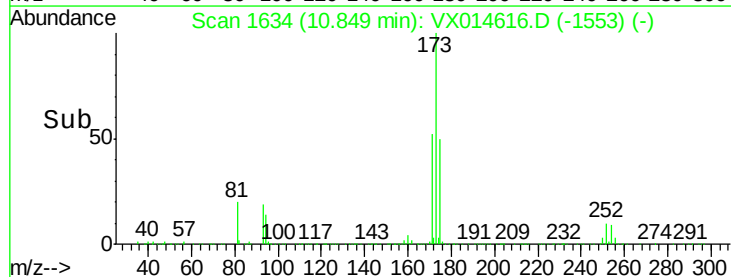
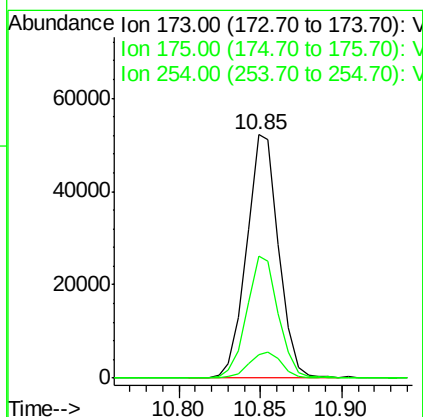
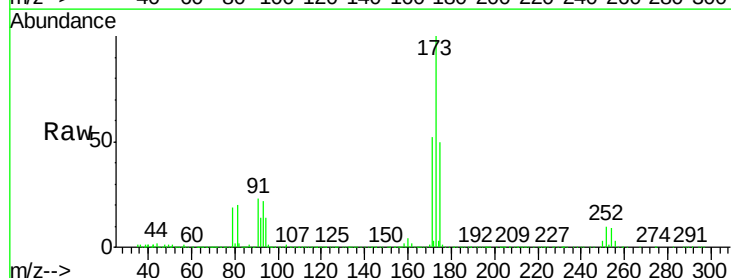
Instrument :
 MSVOA_X
 ClientSampled :
 VX0115WBS01

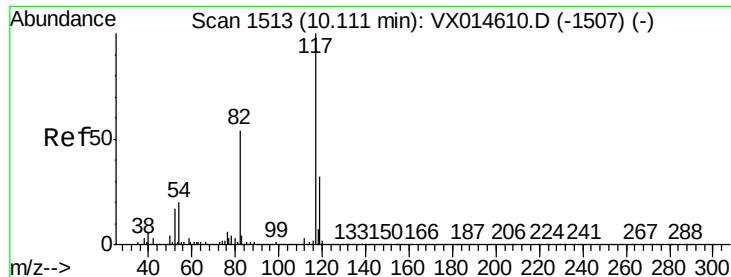
Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.8	38.6
106	29.2	22.9	34.3



#56
 Bromoform
 Concen: 18.184 ug/l
 RT: 10.85 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.5	59.3
254	10.8	8.2	12.4

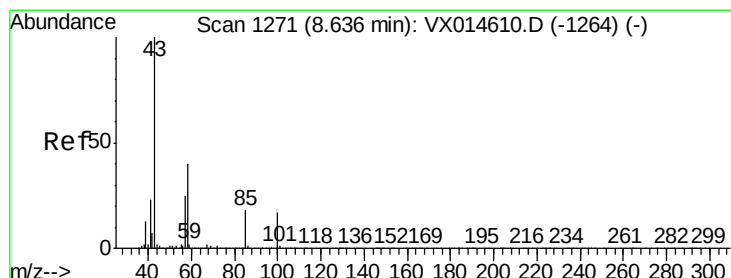
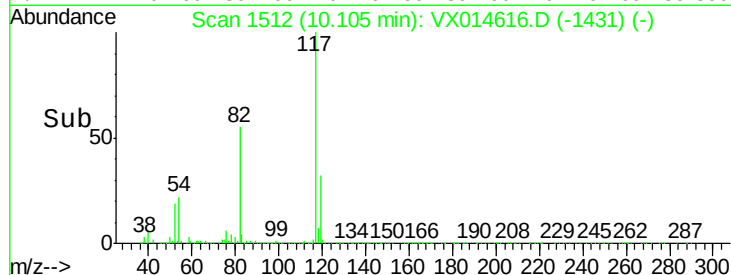
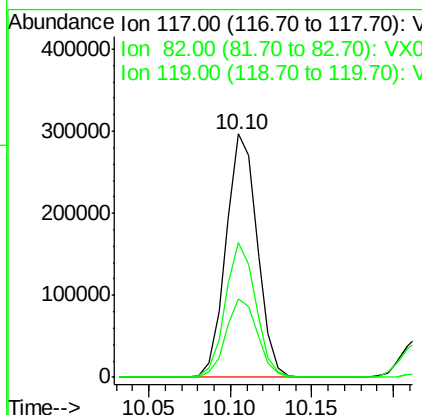
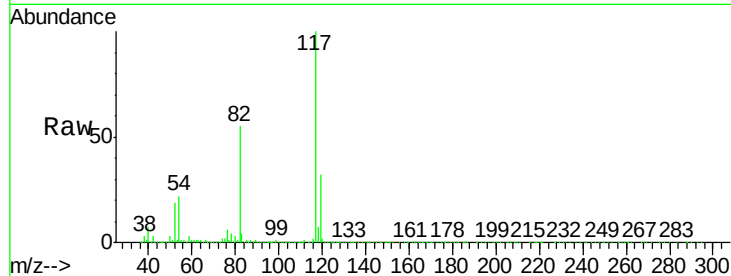




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

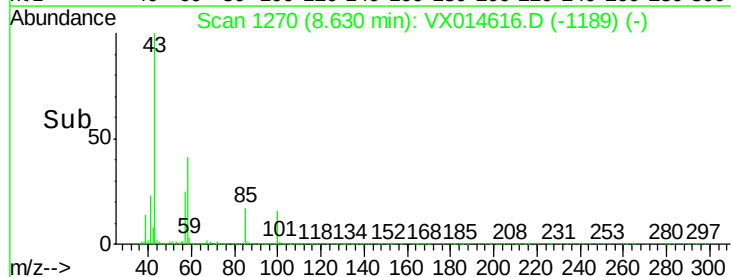
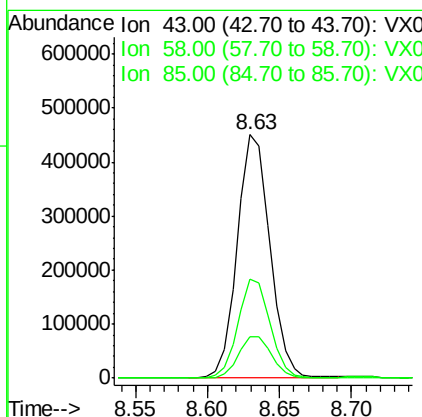
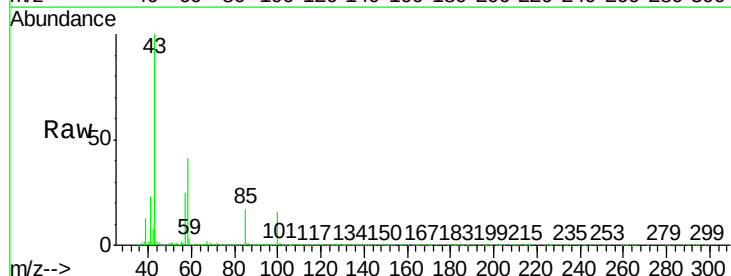
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

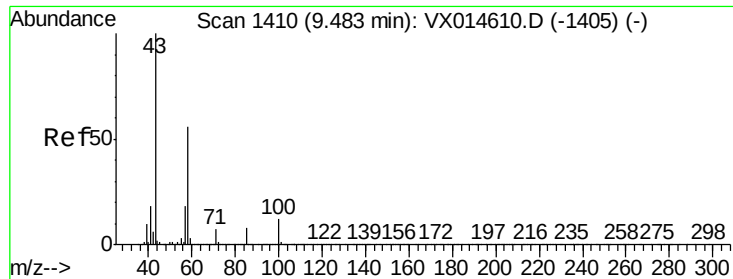
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.8	65.6
119	32.0	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 95.284 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.2	46.8
85	17.5	14.2	21.2

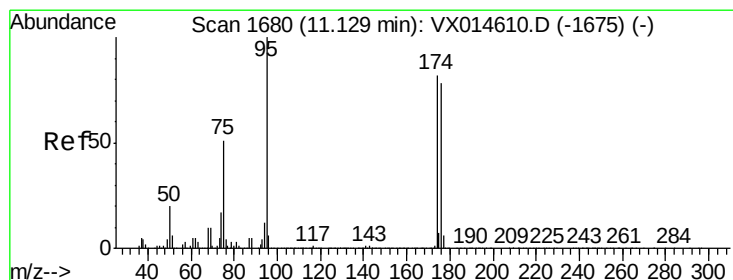
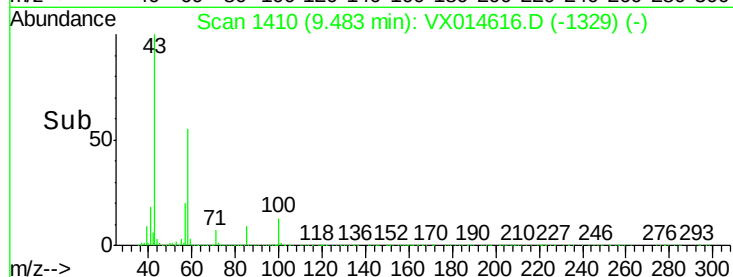
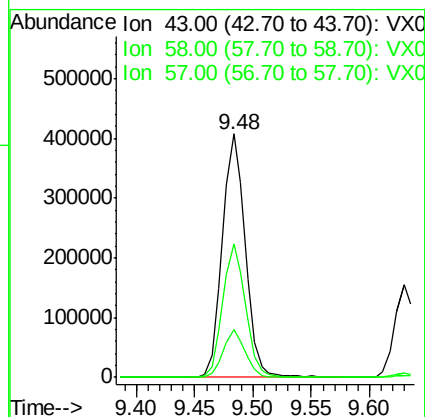
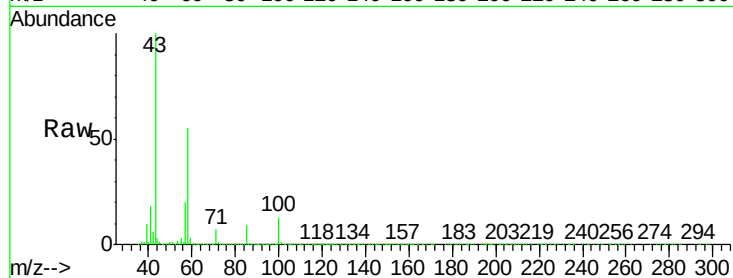




#59
2-Hexanone
Concen: 96.140 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

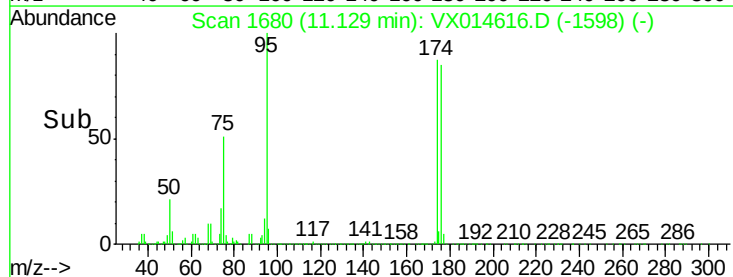
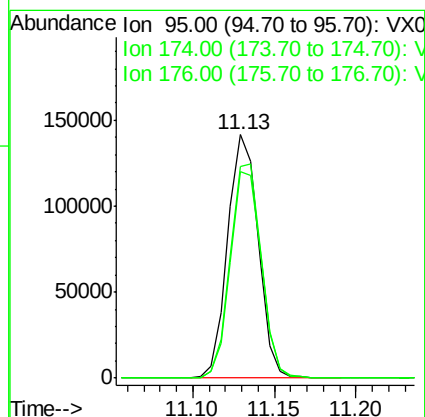
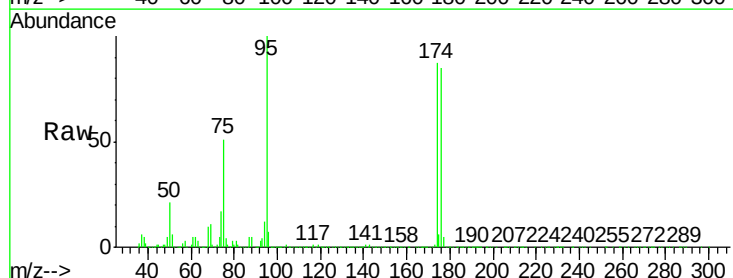
Instrument :
MSVOA_X
ClientSampled :
VX0115WBS01

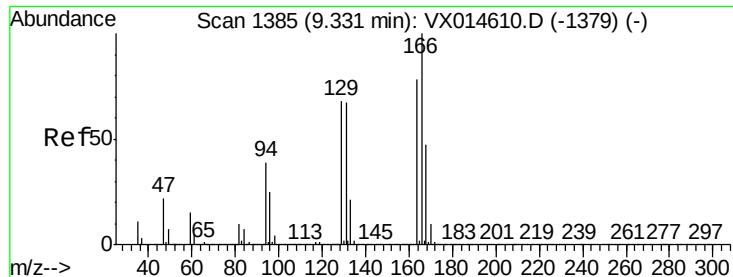
Tgt Ion: 43 Resp: 553664
Ion Ratio Lower Upper
43 100
58 54.6 43.8 65.6
57 18.7 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.167 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion: 95 Resp: 184554
Ion Ratio Lower Upper
95 100
174 89.8 70.2 105.2
176 86.5 68.3 102.5





#61

Tetrachloroethene

Concen: 19.083 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

Tgt Ion:164 Resp: 111530

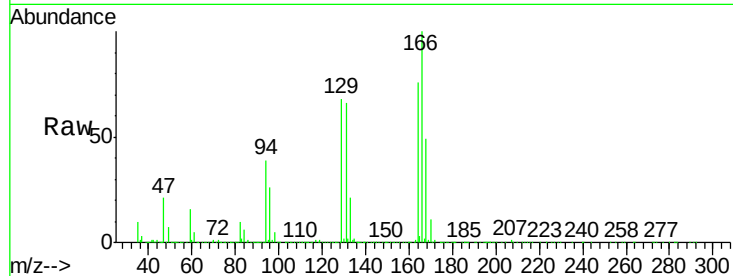
Ion Ratio Lower Upper

164 100

166 132.1 104.2 156.2

129 89.8 71.6 107.4

131 86.4 71.7 107.5

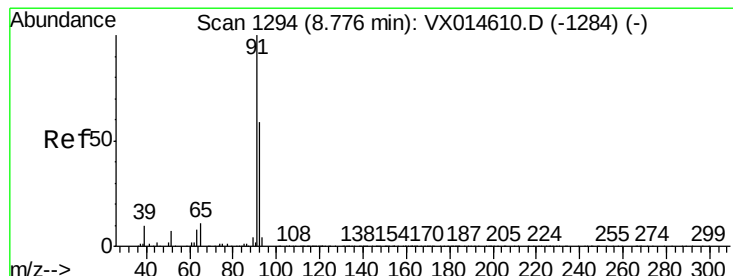
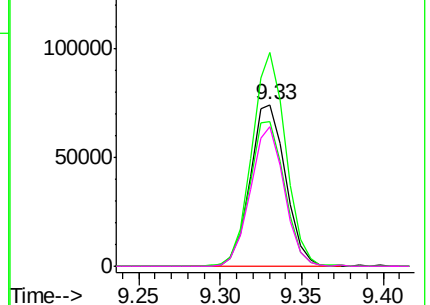
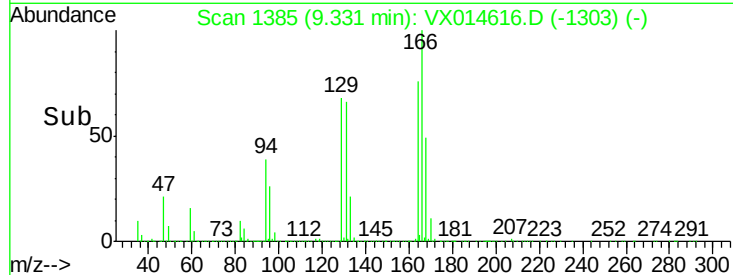


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.345 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014616.D

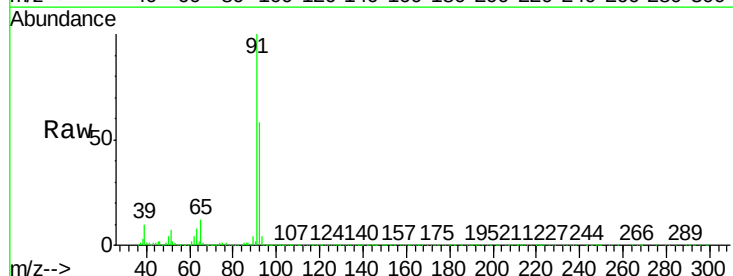
Acq: 15 Jan 2020 14:06

Tgt Ion: 91 Resp: 405831

Ion Ratio Lower Upper

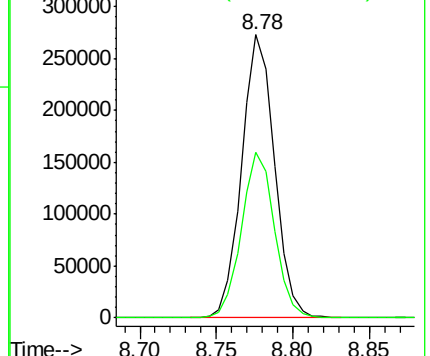
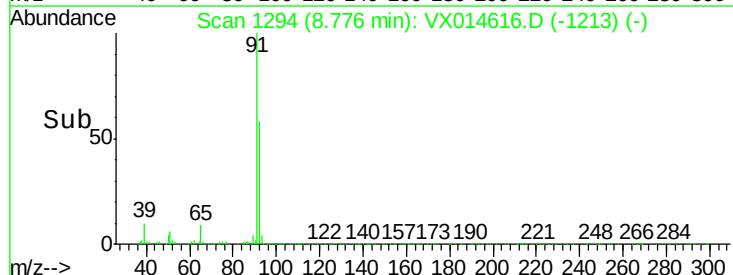
91 100

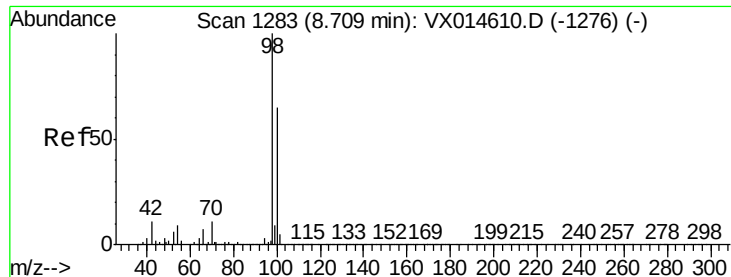
92 58.9 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.873 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

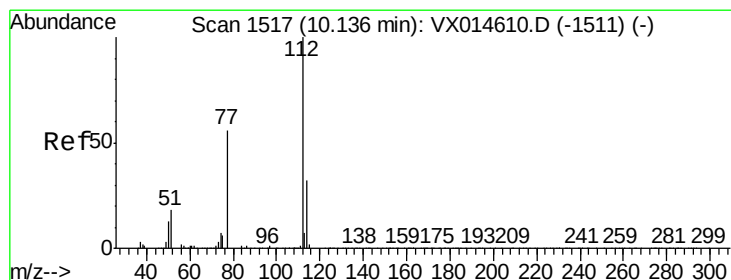
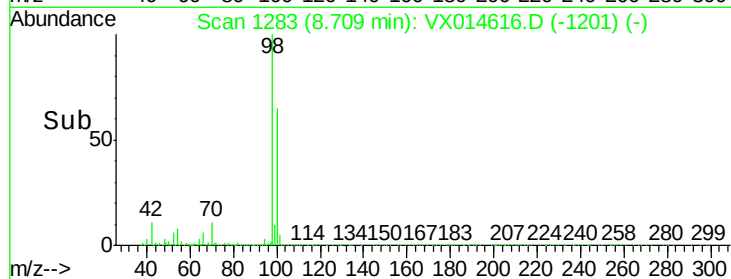
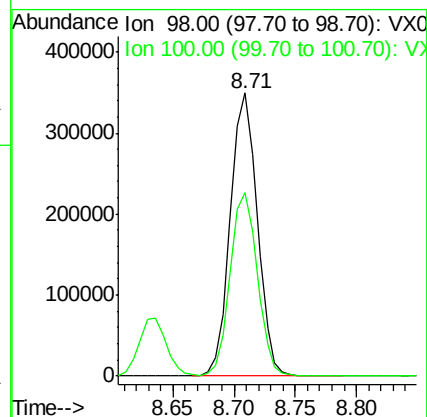
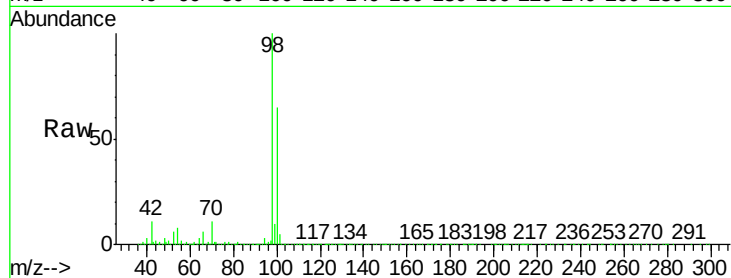
VX0115WBS01

Tgt Ion: 98 Resp: 533553

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#64

Chlorobenzene

Concen: 19.417 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014616.D

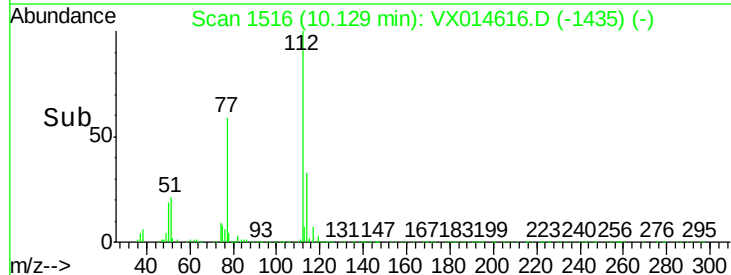
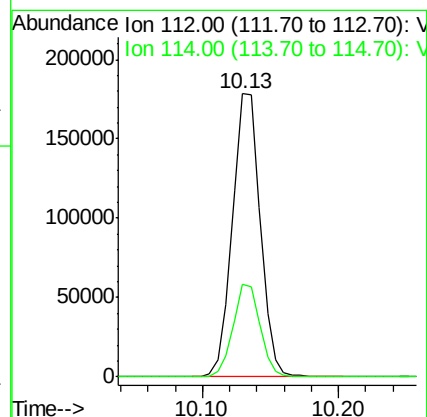
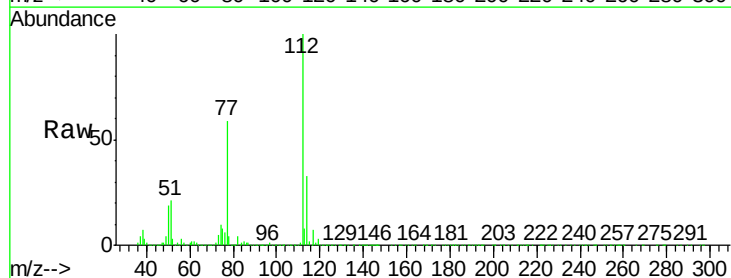
Acq: 15 Jan 2020 14:06

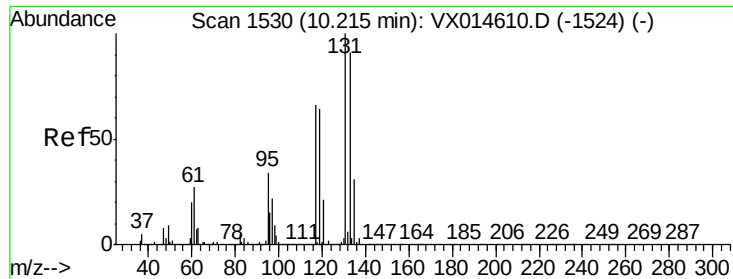
Tgt Ion: 112 Resp: 254295

Ion Ratio Lower Upper

112 100

114 32.9 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.680 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampled :

VX0115WBS01

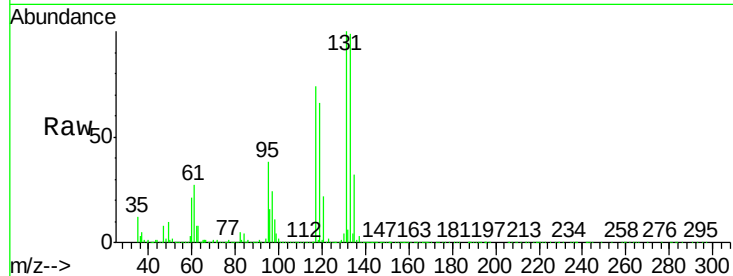
Tgt Ion:131 Resp: 90353

Ion Ratio Lower Upper

131 100

133 96.6 0.0 189.8

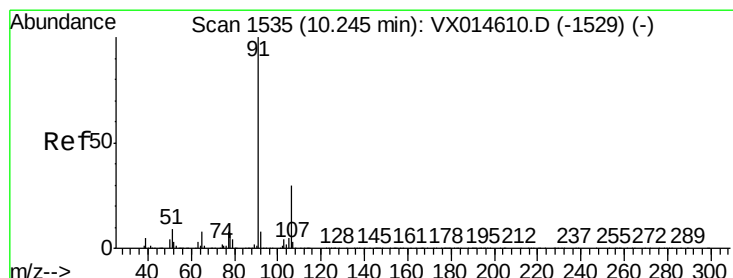
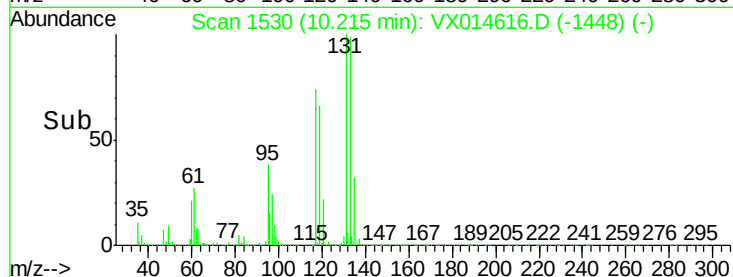
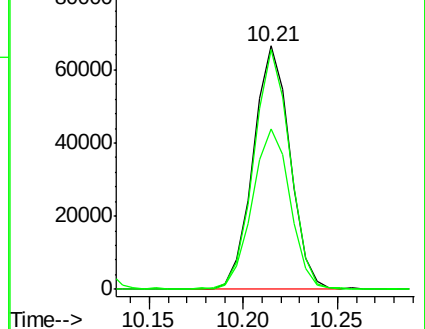
119 67.0 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.571 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014616.D

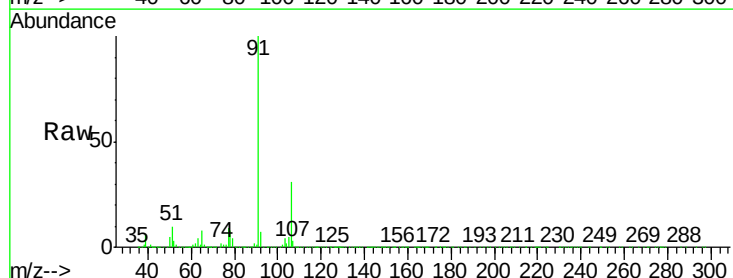
Acq: 15 Jan 2020 14:06

Tgt Ion: 91 Resp: 447208

Ion Ratio Lower Upper

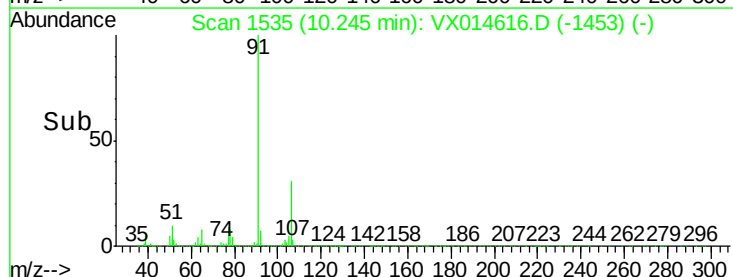
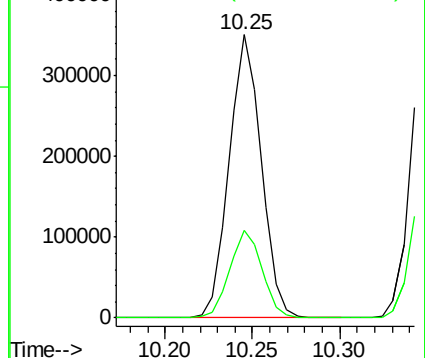
91 100

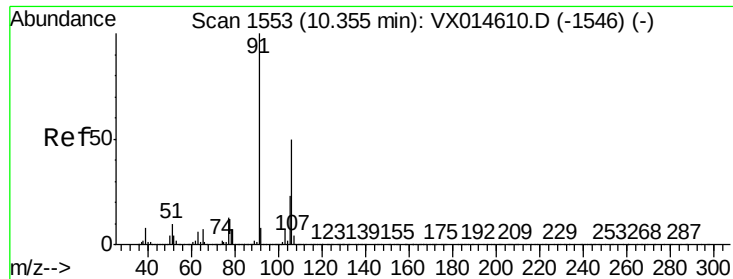
106 30.7 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.653 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

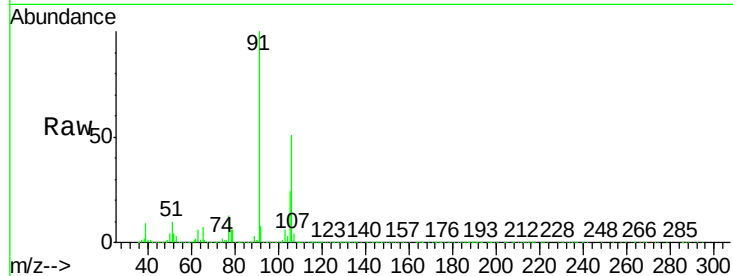
VX0115WBS01

Tgt Ion:106 Resp: 338313

Ion Ratio Lower Upper

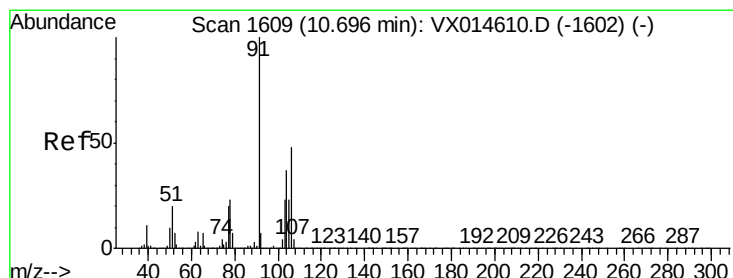
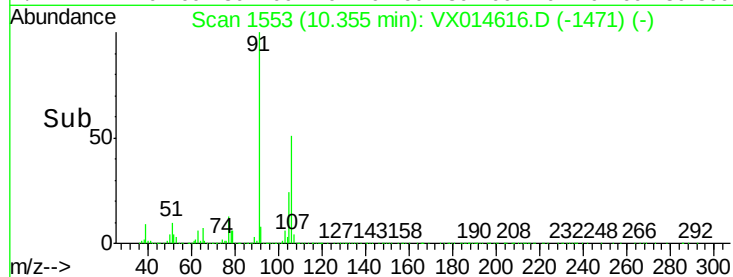
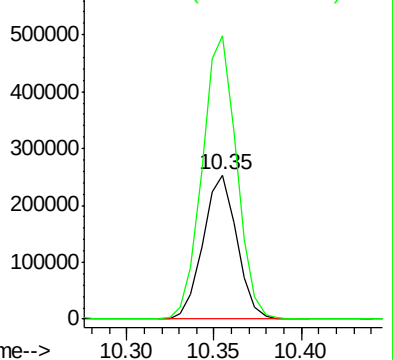
106 100

91 200.4 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.954 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX014616.D

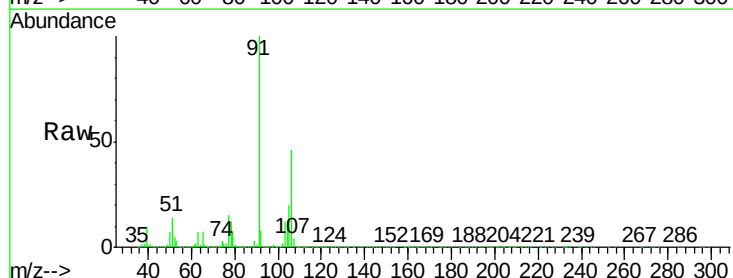
Acq: 15 Jan 2020 14:06

Tgt Ion:106 Resp: 161551

Ion Ratio Lower Upper

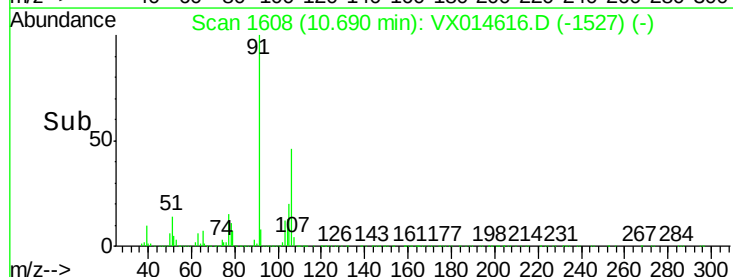
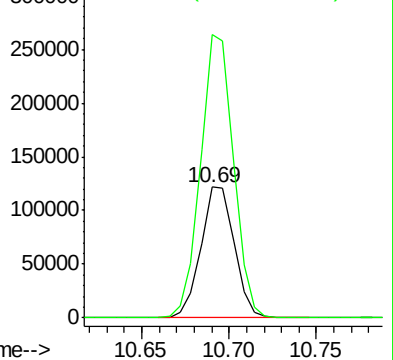
106 100

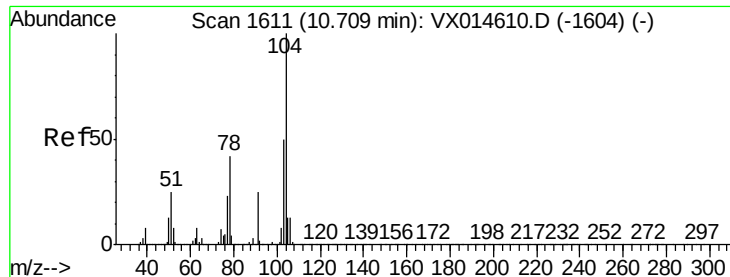
91 213.3 104.8 314.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

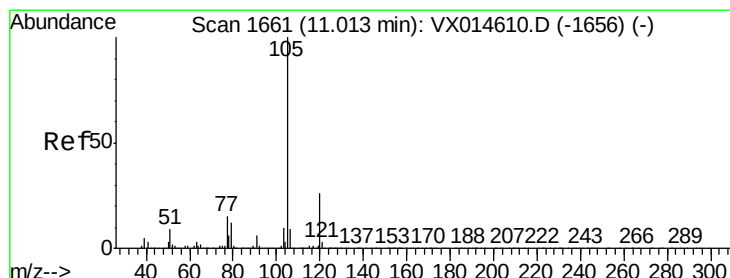
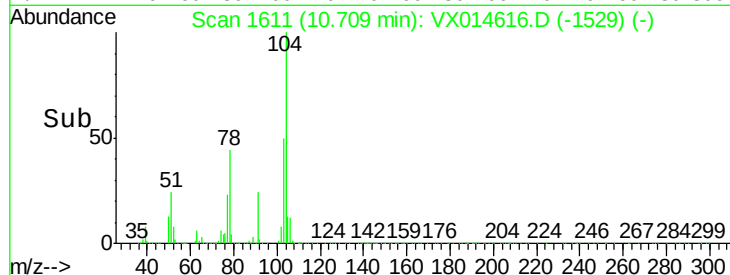
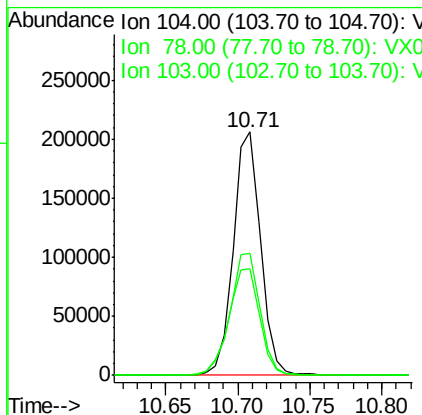
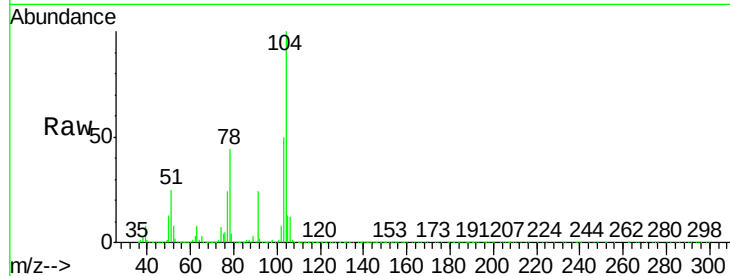




#69
Styrene
 Concen: 18.836 ug/l
 RT: 10.71 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

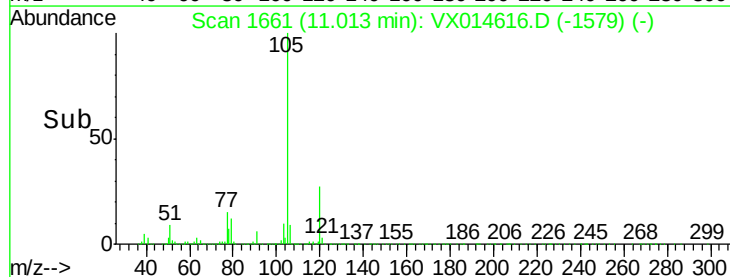
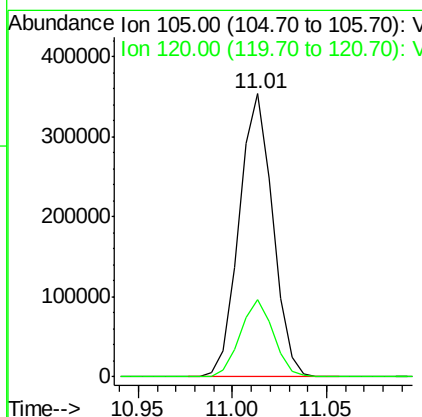
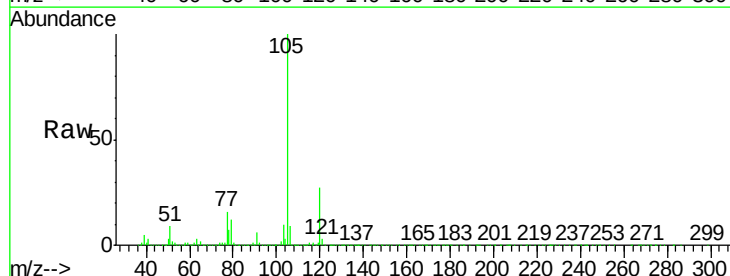
Instrument :
 MSVOA_X
 ClientSampled :
 VX0115WBS01

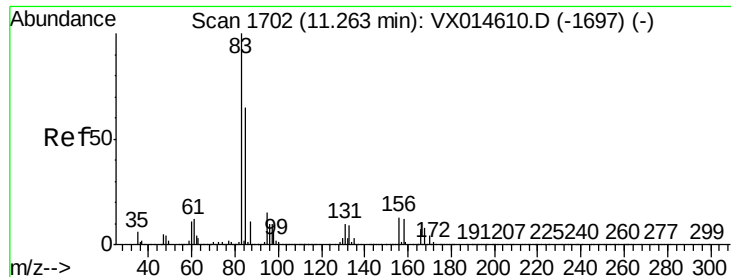
Tgt Ion:104 Resp: 272013
 Ion Ratio Lower Upper
 104 100
 78 50.2 38.9 58.3
 103 55.1 44.2 66.2



#70
Isopropylbenzene
 Concen: 19.616 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Tgt Ion:105 Resp: 437995
 Ion Ratio Lower Upper
 105 100
 120 26.7 19.1 35.5

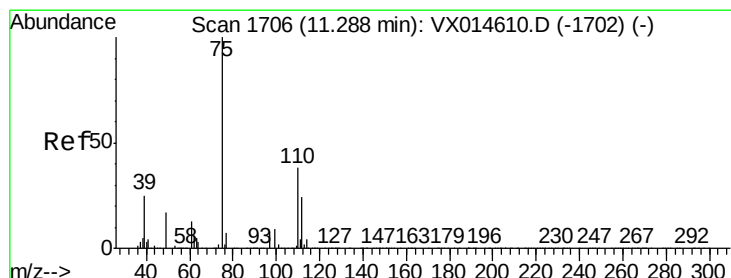
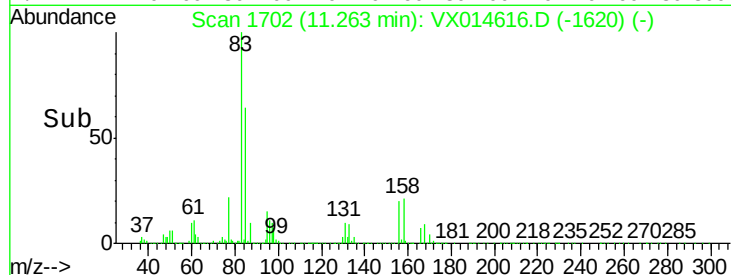
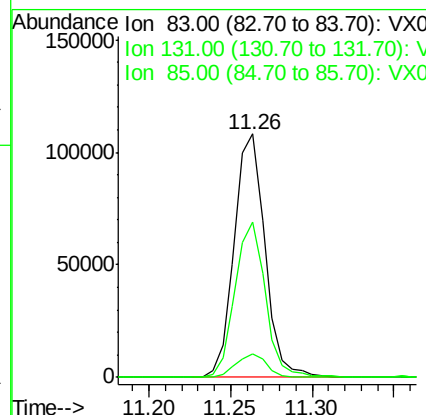
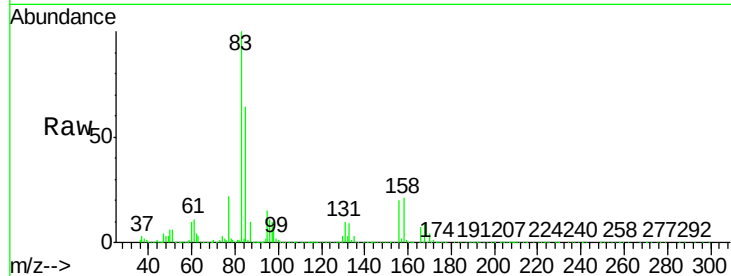




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.826 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

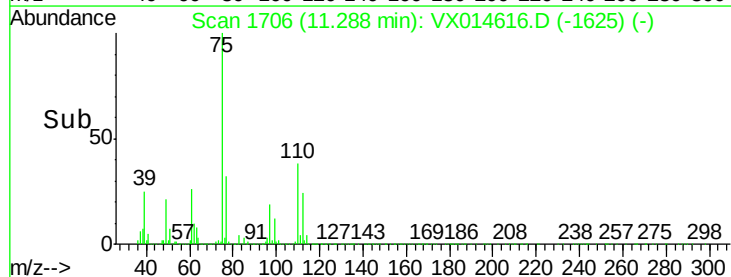
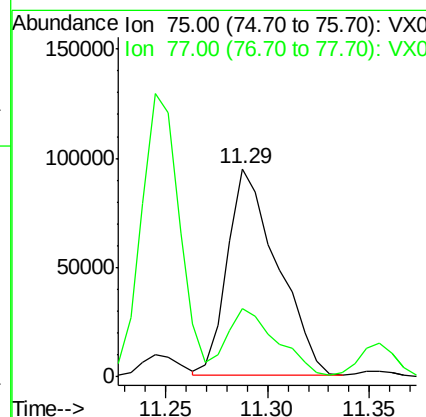
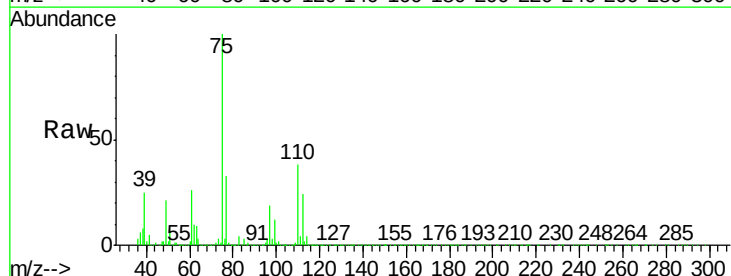
Instrument :
 MSVOA_X
 ClientSampled :
 VX0115WBS01

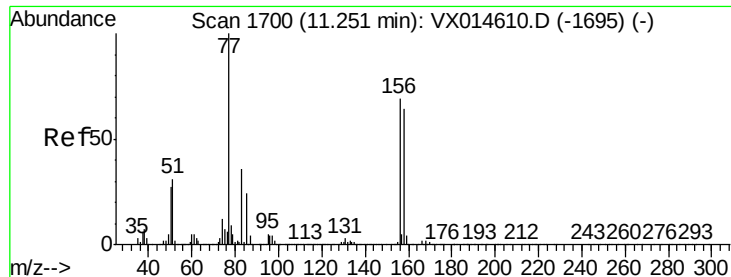
Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.7
85	63.5	31.6	94.7



#72
 1,2,3-Trichloropropane
 Concen: 25.024 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	0.0	68.4





#73

Bromobenzene

Concen: 19.362 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

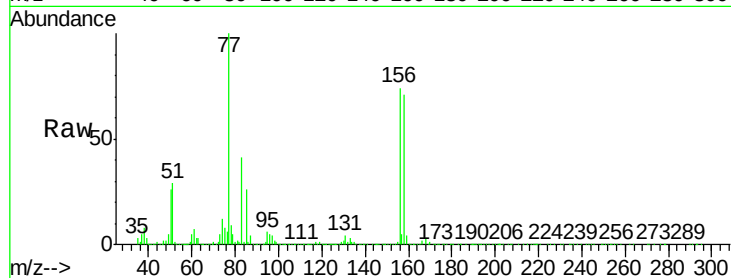
Tgt Ion:156 Resp: 114607

Ion Ratio Lower Upper

156 100

77 146.0 0.0 304.6

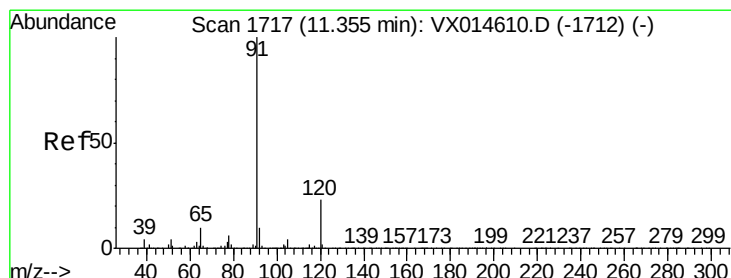
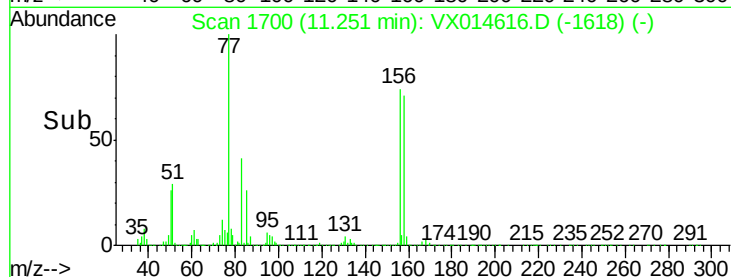
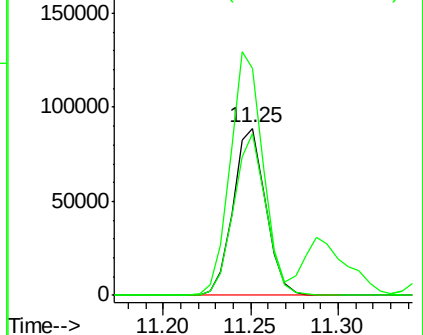
158 95.9 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.528 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014616.D

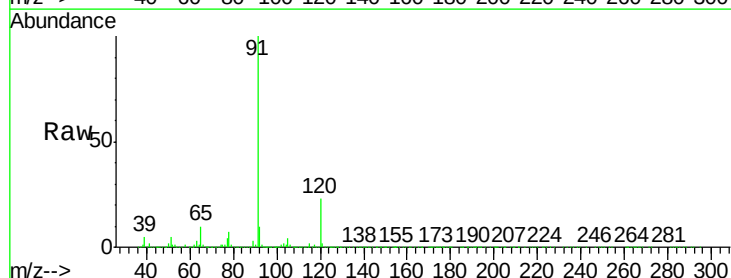
Acq: 15 Jan 2020 14:06

Tgt Ion: 91 Resp: 498265

Ion Ratio Lower Upper

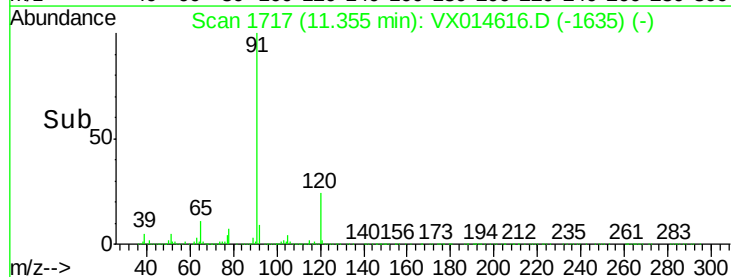
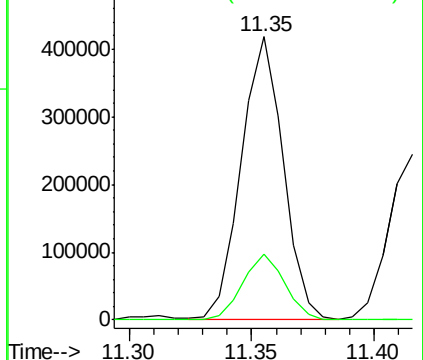
91 100

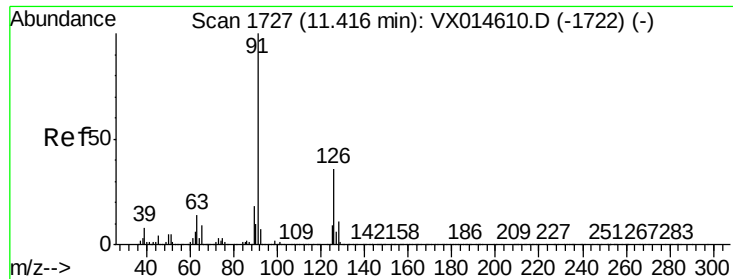
120 23.0 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.460 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

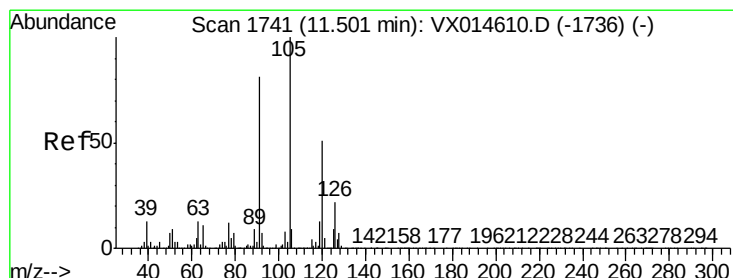
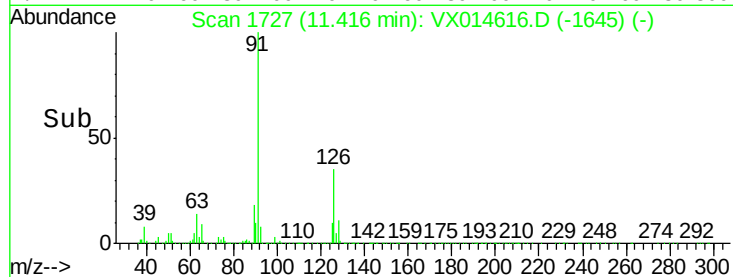
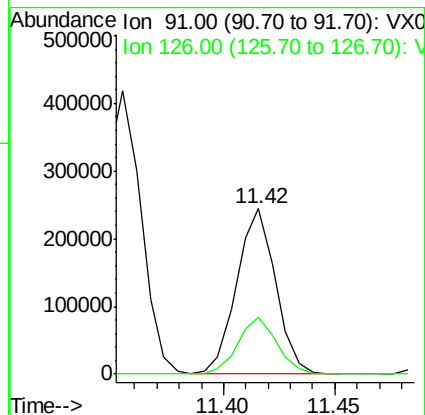
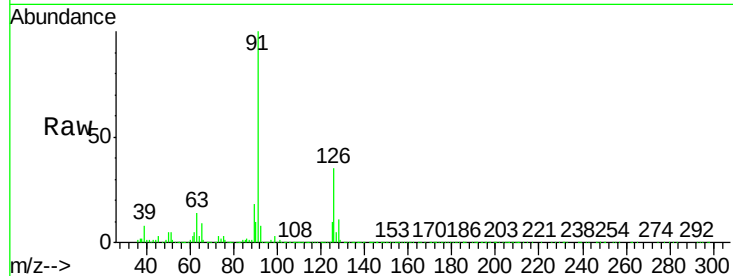
VX0115WBS01

Tgt Ion: 91 Resp: 297568

Ion Ratio Lower Upper

91 100

126 34.3 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 19.555 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014616.D

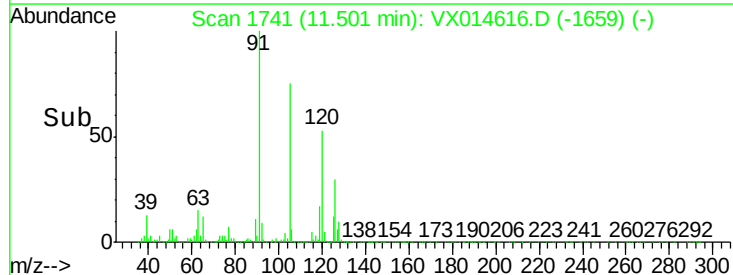
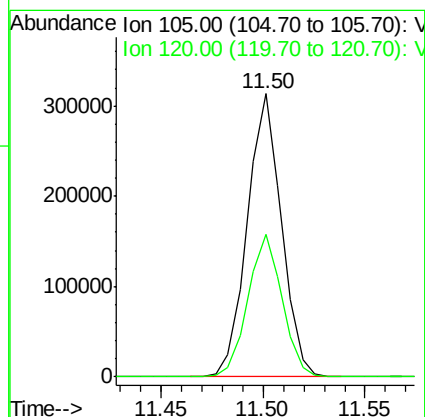
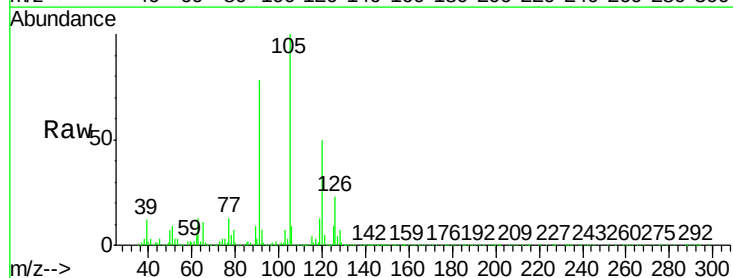
Acq: 15 Jan 2020 14:06

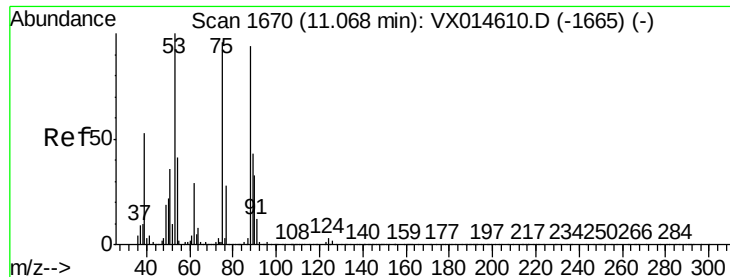
Tgt Ion: 105 Resp: 363836

Ion Ratio Lower Upper

105 100

120 50.1 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 18.330 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

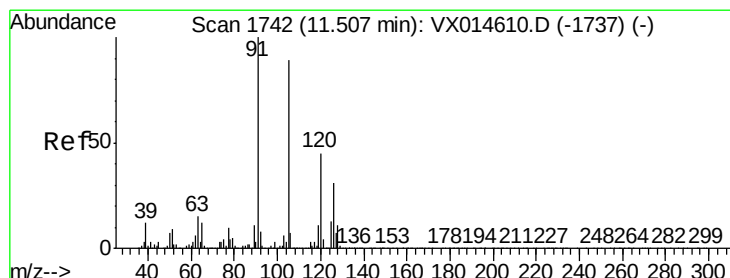
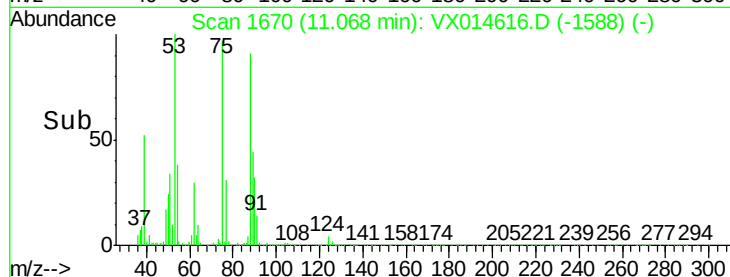
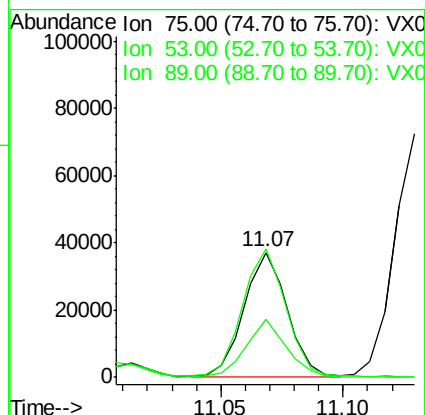
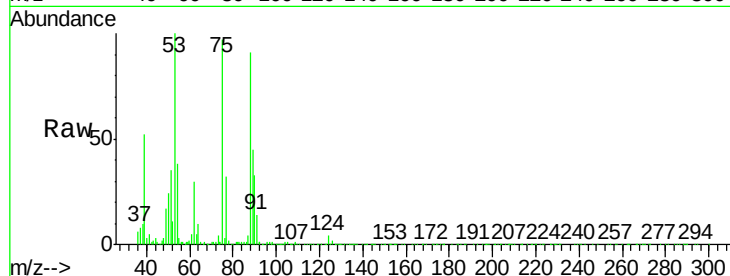
Tgt Ion: 75 Resp: 45388

Ion Ratio Lower Upper

75 100

53 103.0 54.4 163.1

89 46.0 21.9 65.5



#78

4-Chlorotoluene

Concen: 19.359 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014616.D

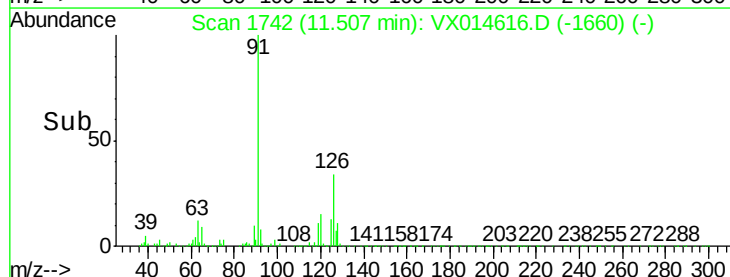
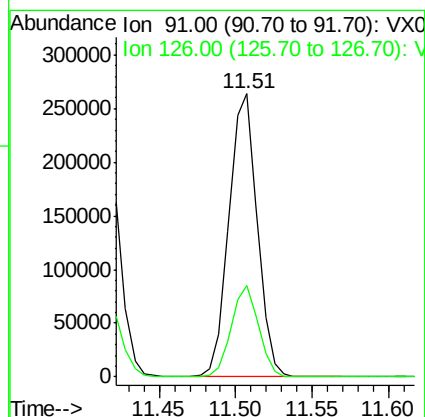
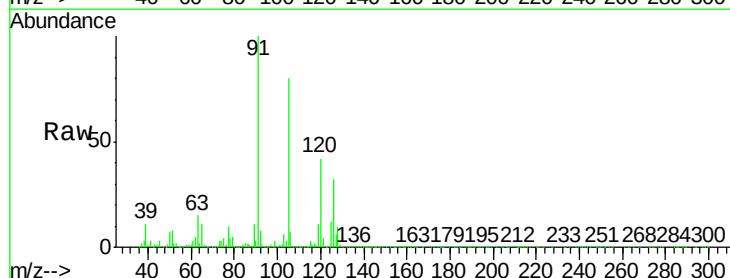
Acq: 15 Jan 2020 14:06

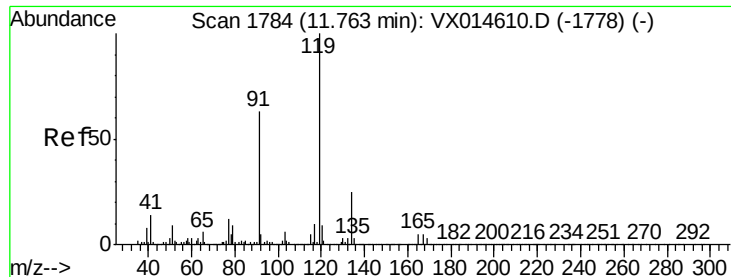
Tgt Ion: 91 Resp: 336203

Ion Ratio Lower Upper

91 100

126 31.0 0.0 59.6





#79

tert-butylbenzene

Concen: 19.706 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampled :

VX0115WBS01

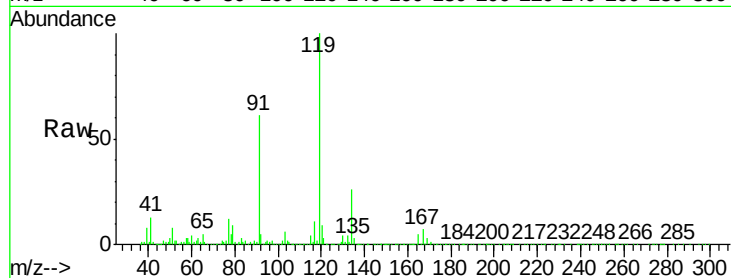
Tgt Ion:119 Resp: 343064

Ion Ratio Lower Upper

119 100

91 58.0 0.0 112.6

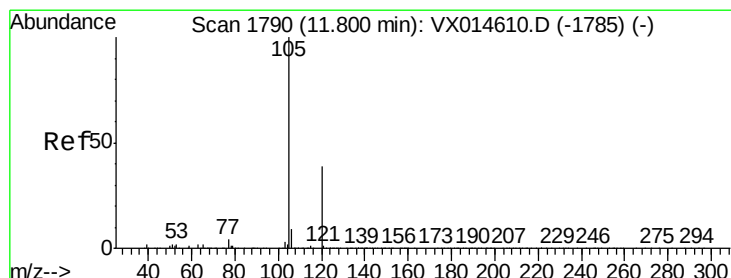
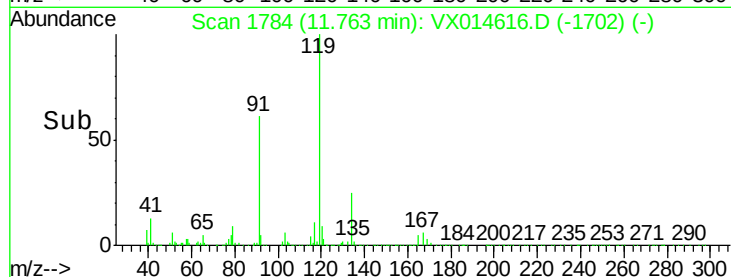
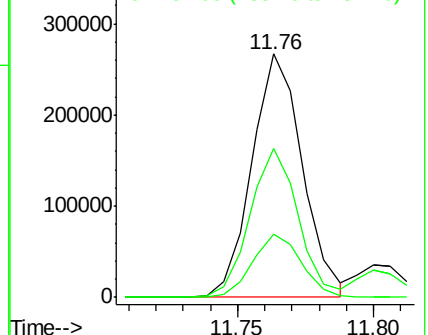
134 25.0 0.0 49.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.761 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014616.D

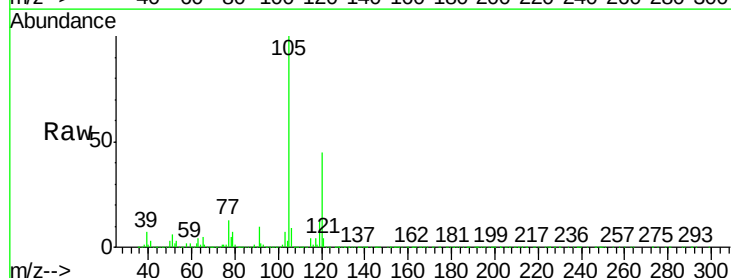
Acq: 15 Jan 2020 14:06

Tgt Ion:105 Resp: 366716

Ion Ratio Lower Upper

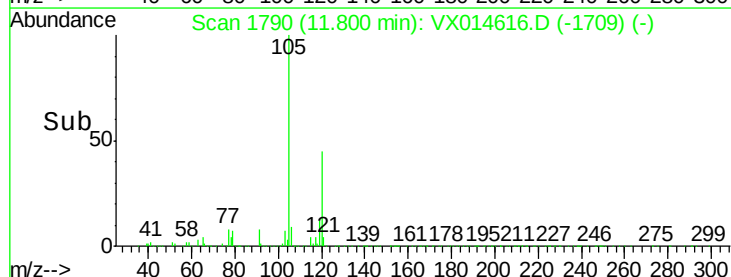
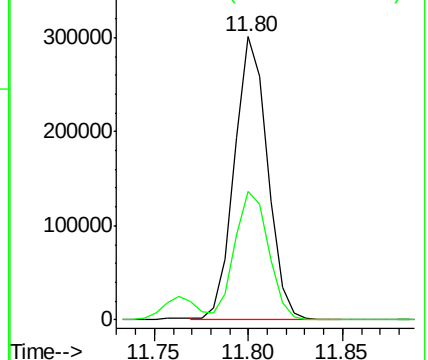
105 100

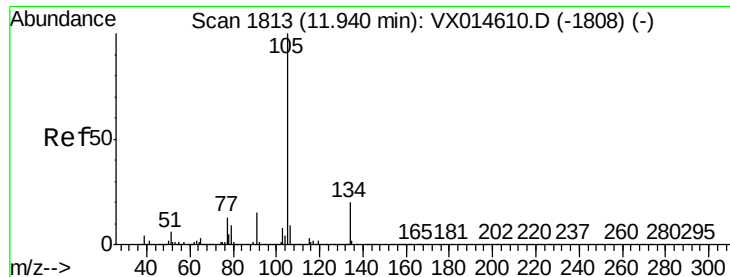
120 46.3 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.401 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

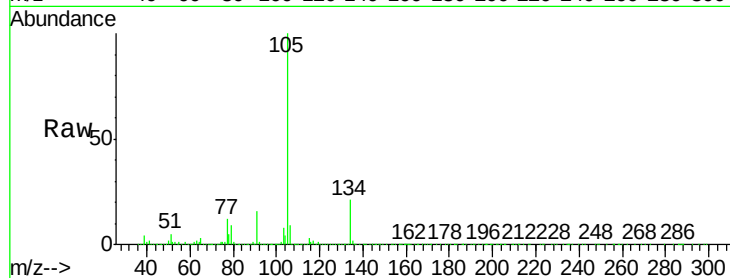
VX0115WBS01

Tgt Ion:105 Resp: 417933

Ion Ratio Lower Upper

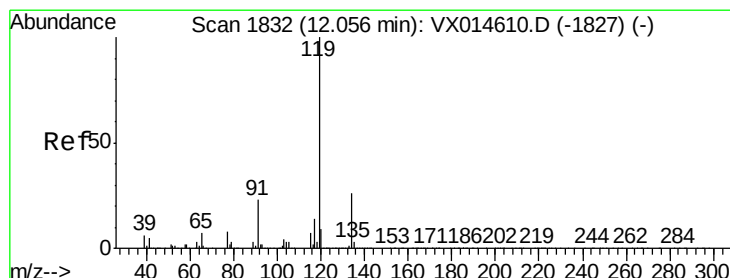
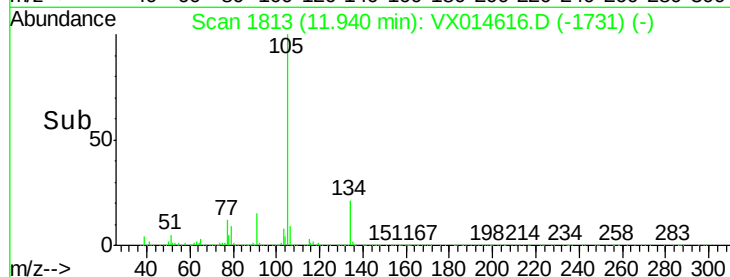
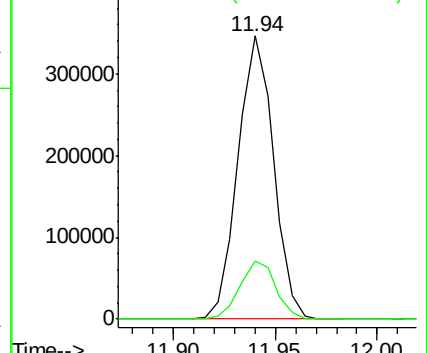
105 100

134 20.9 0.0 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.655 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

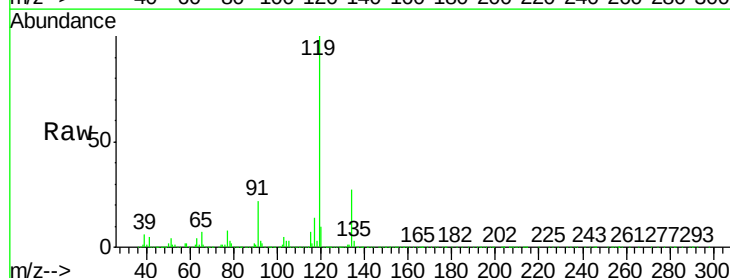
Tgt Ion:119 Resp: 386534

Ion Ratio Lower Upper

119 100

134 26.9 0.0 53.8

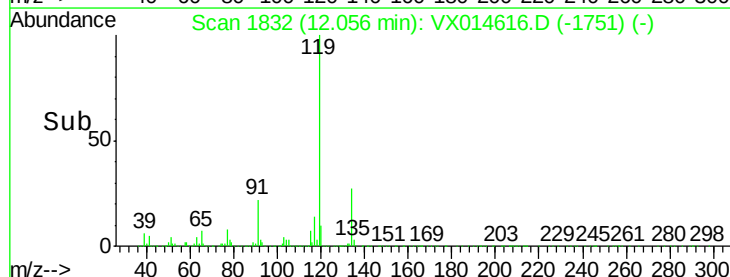
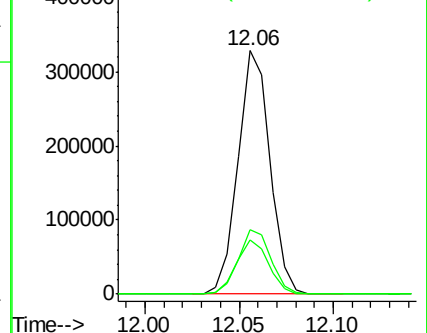
91 22.2 0.0 45.0

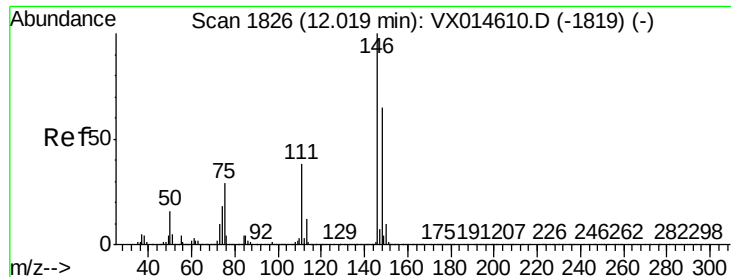


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 19.128 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

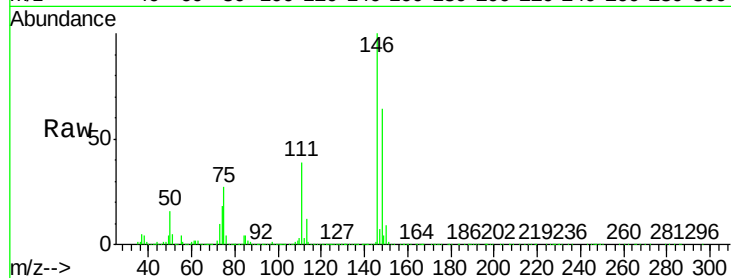
Tgt Ion:146 Resp: 197689

Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.9

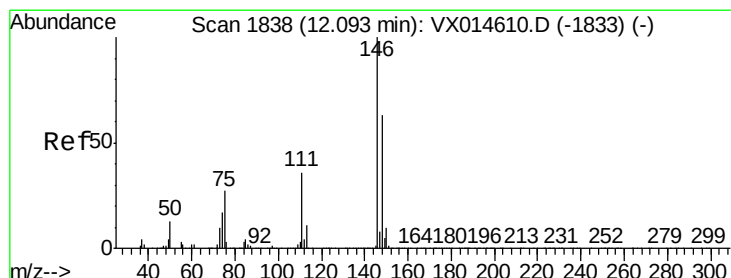
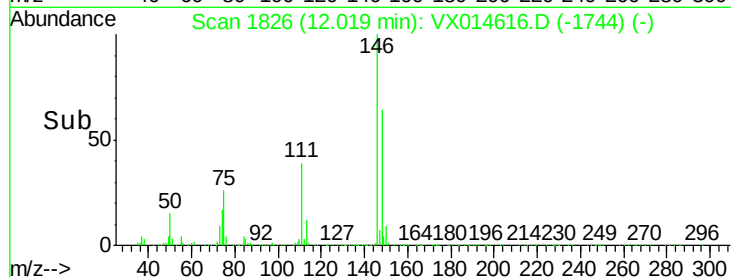
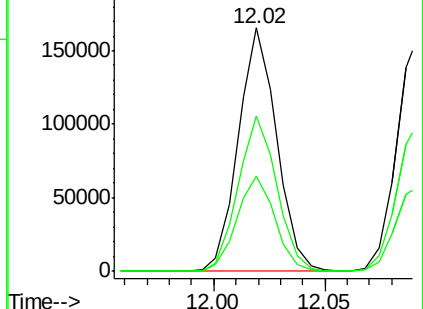
148 64.7 32.2 96.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.253 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

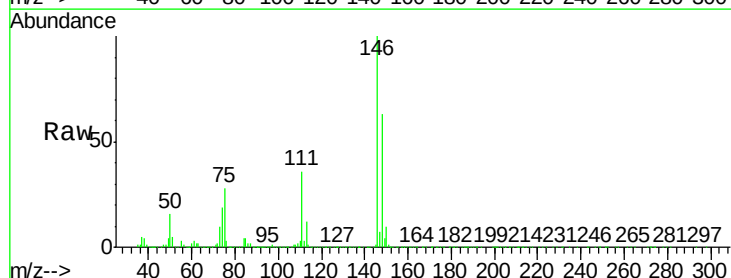
Tgt Ion:146 Resp: 197280

Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.4

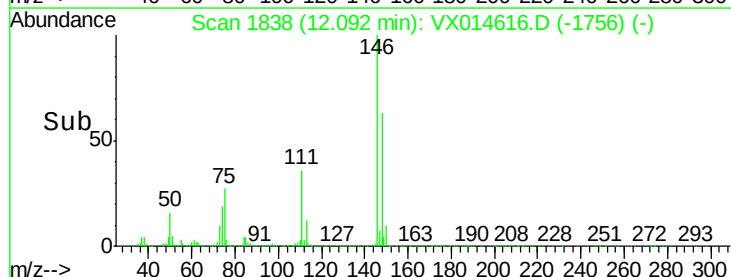
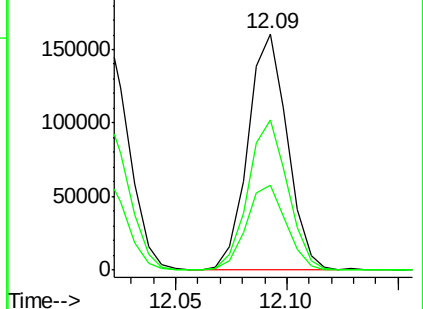
148 64.4 32.0 96.0

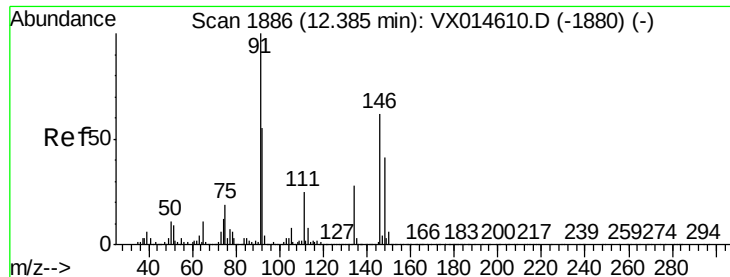


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 19.253 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

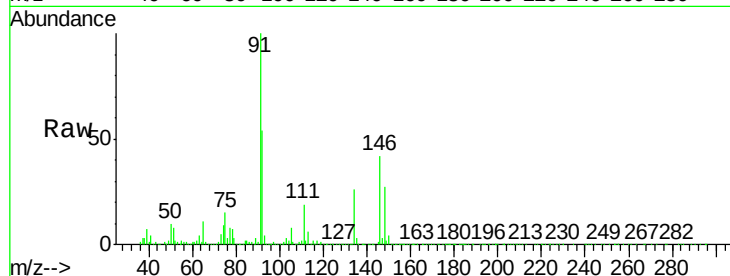
Tgt Ion: 91 Resp: 331286

Ion Ratio Lower Upper

91 100

92 54.5 0.0 109.0

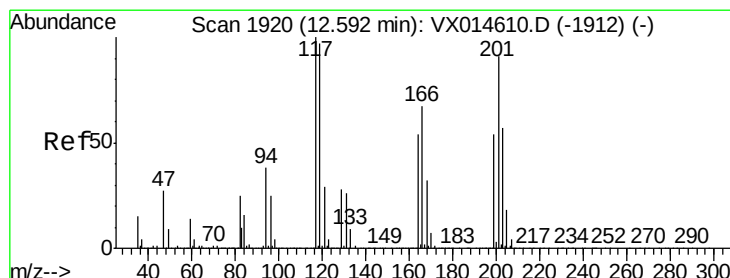
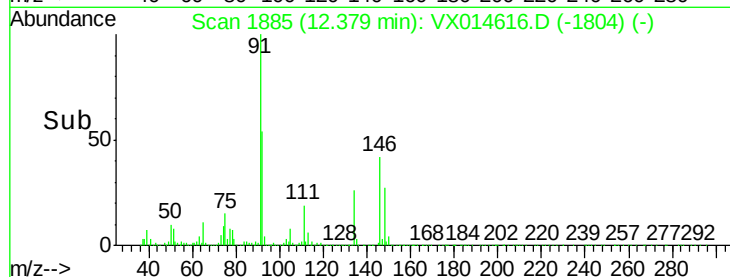
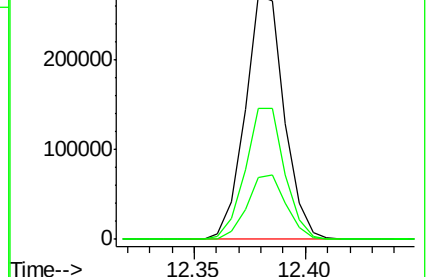
134 26.4 0.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX014616.D (-1880) (-)

Ion 92.00 (91.70 to 92.70): VX014616.D (-1880) (-)

Ion 134.00 (133.70 to 134.70): VX014616.D (-1880) (-)



#86

Hexachloroethane

Concen: 18.249 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014616.D

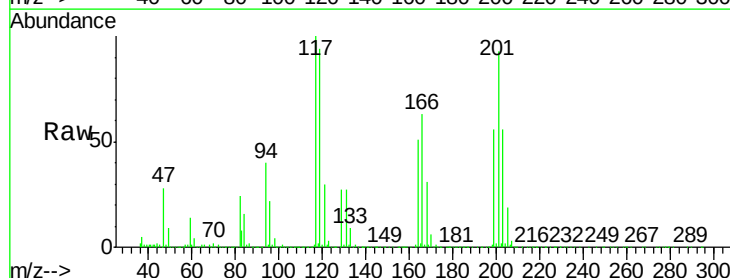
Acq: 15 Jan 2020 14:06

Tgt Ion: 117 Resp: 64358

Ion Ratio Lower Upper

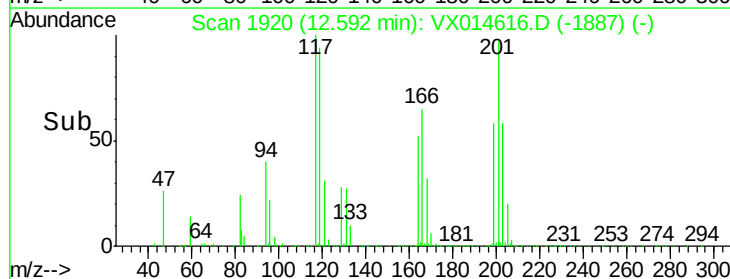
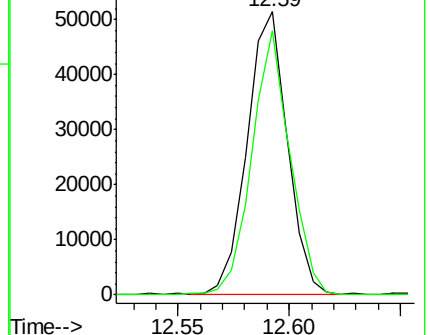
117 100

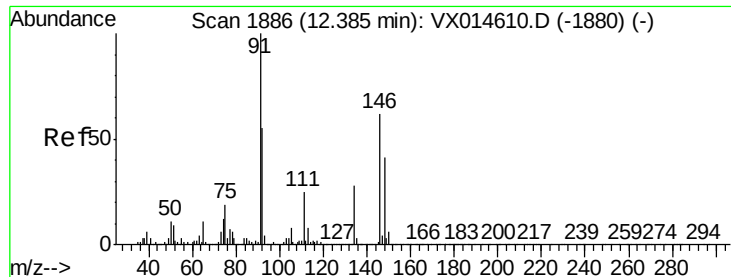
201 89.2 44.8 134.3



Abundance Ion 117.00 (116.70 to 117.70): VX014616.D (-1887) (-)

Ion 201.00 (200.70 to 201.70): VX014616.D (-1887) (-)

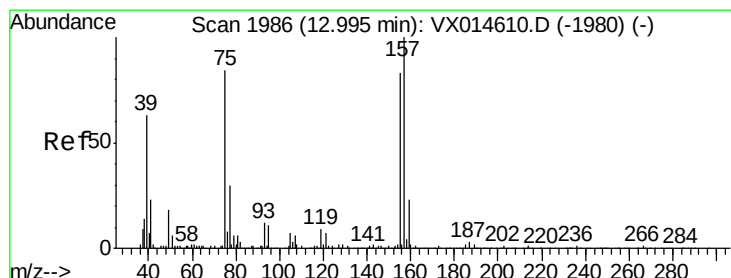
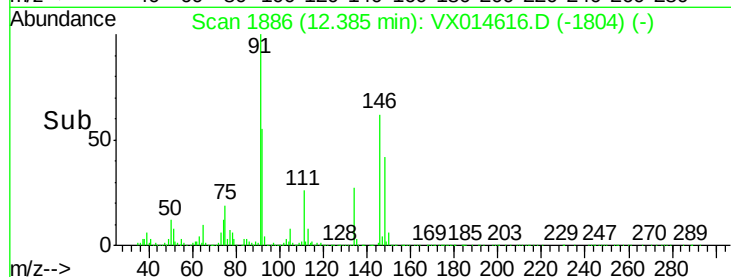
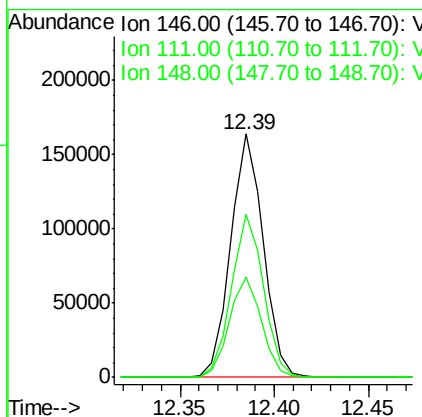
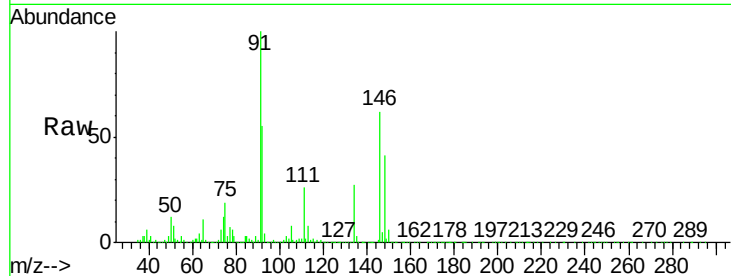




#87
 1,2-Dichlorobenzene
 Concen: 18.797 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

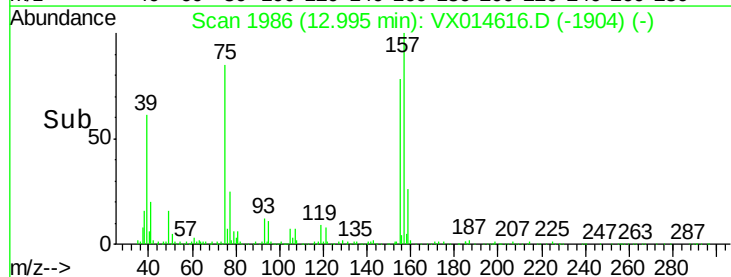
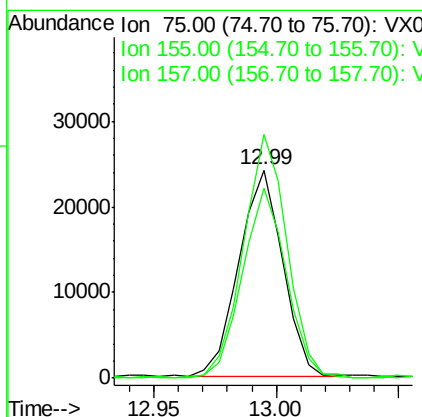
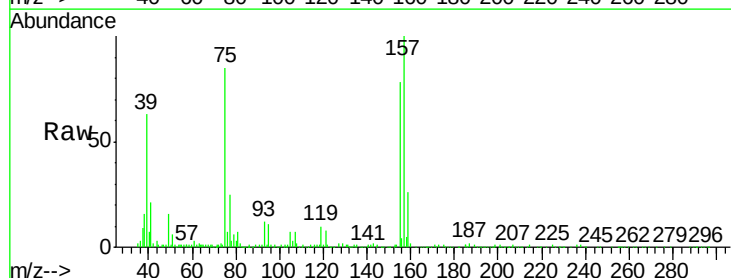
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

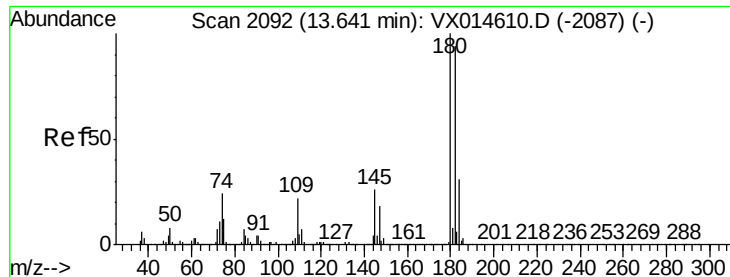
Tgt Ion: 146 Resp: 196016
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.1 60.2
 148 65.8 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.764 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Tgt Ion: 75 Resp: 30147
 Ion Ratio Lower Upper
 75 100
 155 91.1 73.8 110.6
 157 116.5 95.0 142.4

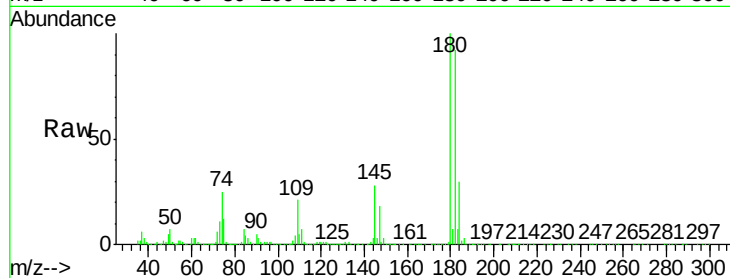




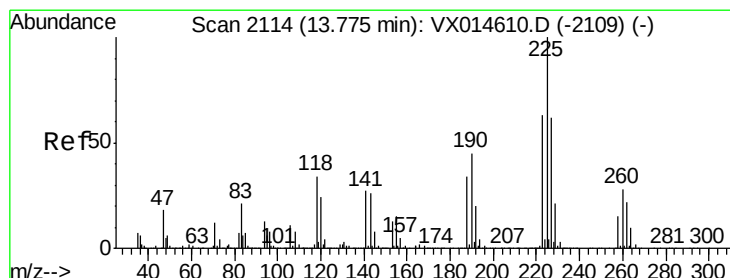
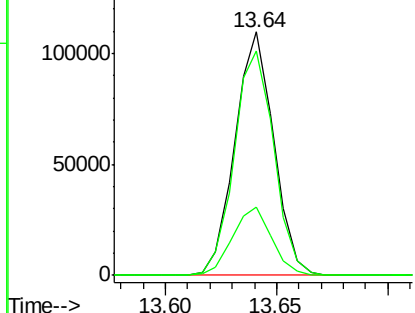
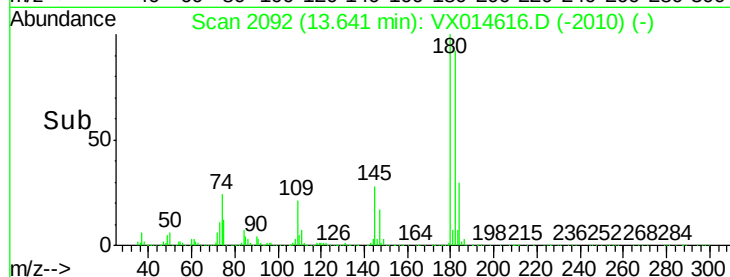
#89
 1,2,4-Trichlorobenzene
 Concen: 19.348 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.4	114.6
145	28.3	21.9	32.9

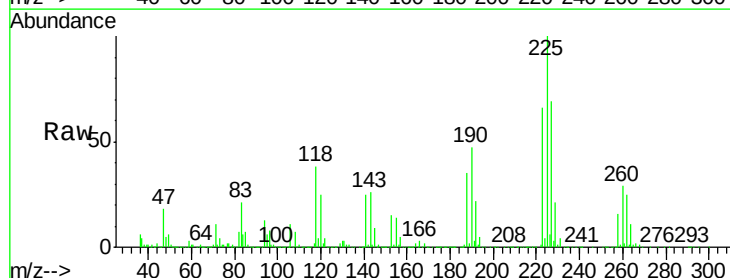


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

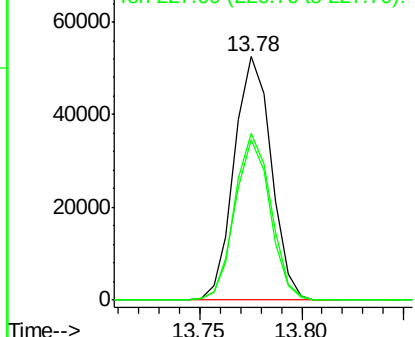
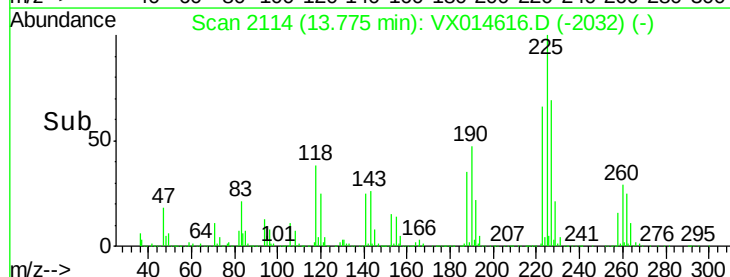


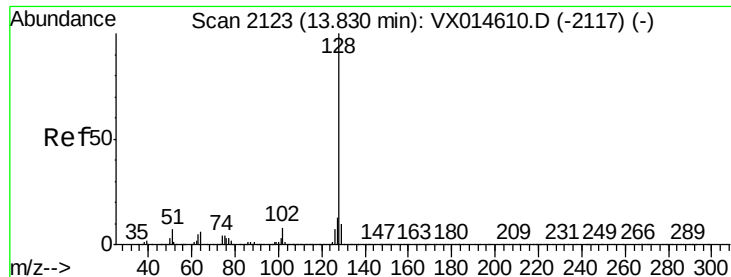
#90
 Hexachlorobutadiene
 Concen: 19.316 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	0.0	127.4
227	66.5	0.0	122.8



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

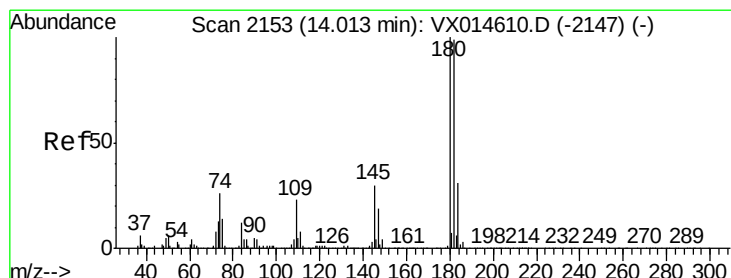
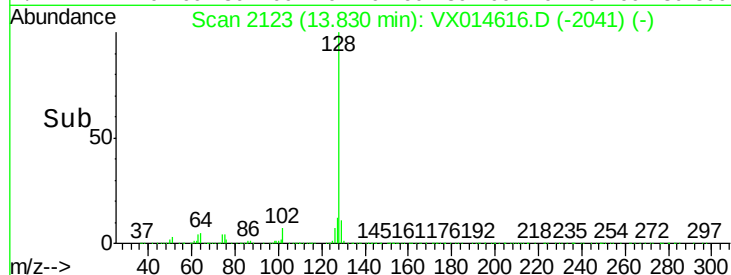
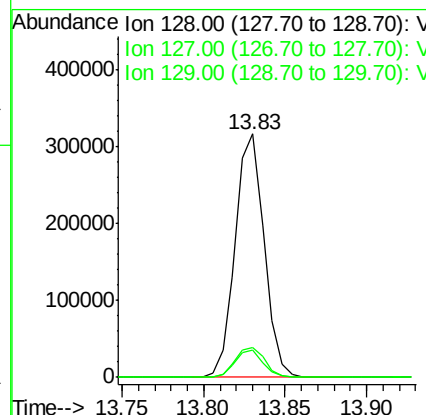
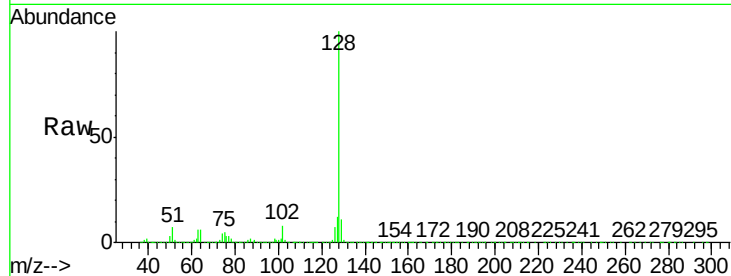




#91
Naphthalene
Concen: 18.753 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

Tgt Ion:128 Resp: 389641
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 18.868 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion:180 Resp: 132191
Ion Ratio Lower Upper
180 100
182 94.5 0.0 192.8
145 30.5 0.0 60.0

