

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

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 9:42:18 AM

Quant Time: Jan 16 03:26:10 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

					Ovalue
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	3.02	59	108894m	100.245	ug/l
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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Manual Integrations
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Quant Time: Jan 16 03:26:10 2020
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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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	121057m	18.816	ug/l	
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

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ClientSampleId :
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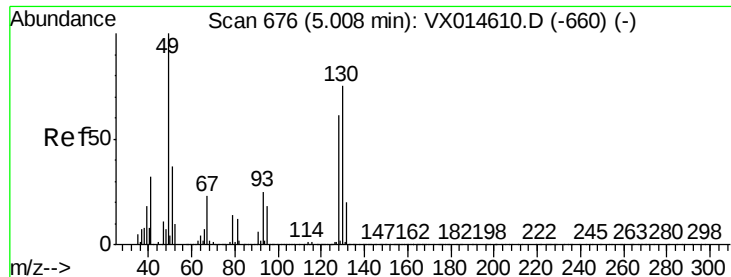
Manual Integrations
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QLast Update : Wed Jan 15 12:41:12 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (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

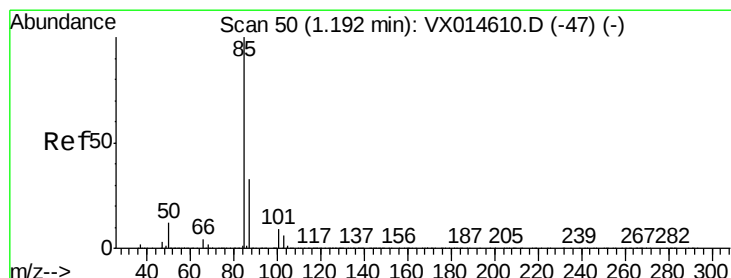
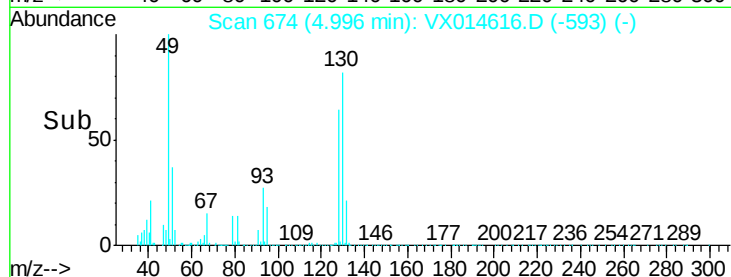
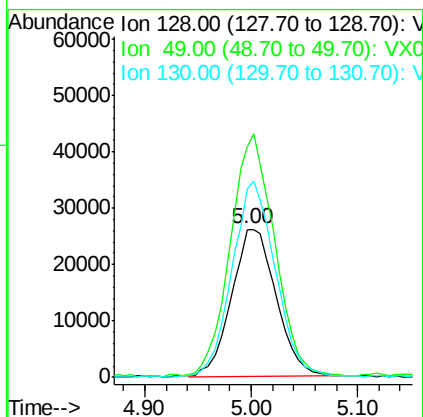
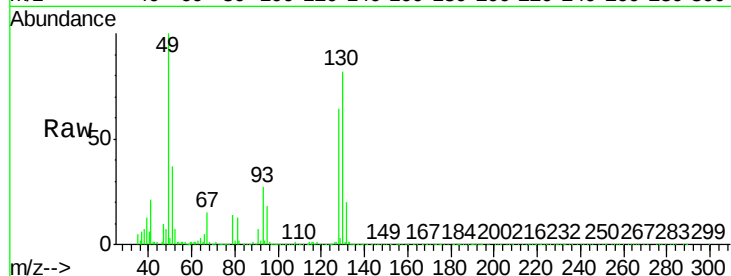
ClientSampleId :

VX0115WBS01

Tot Ion:	128	Resp:	76762
Ion	Ratio	Lower	Upper
128	100		
49	161.7	0.0	405.0
130	129.7	0.0	321.5

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#2

Dichlorodifluoromethane

Concen: 21.736 ug/l

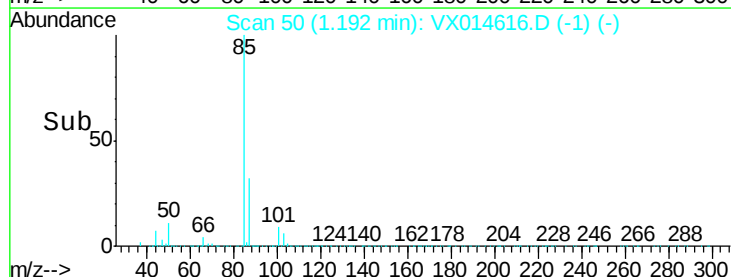
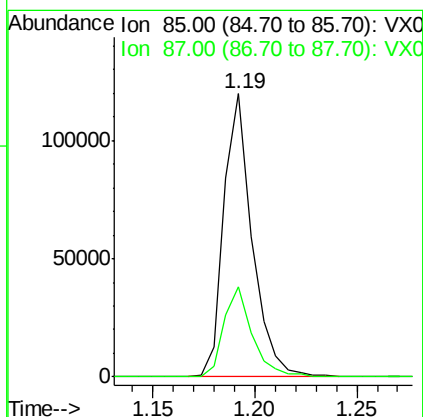
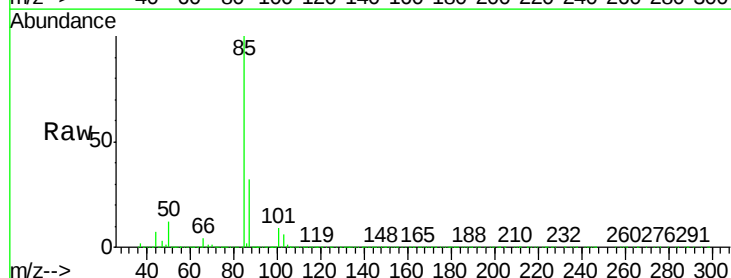
RT: 1.19 min Scan# 50

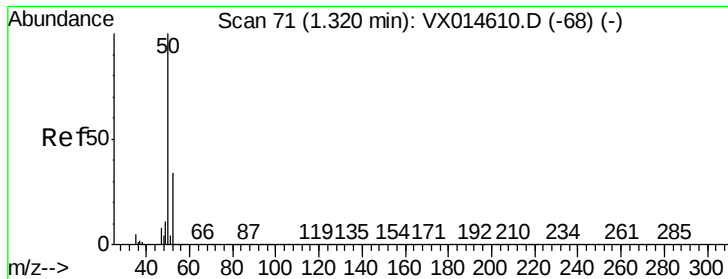
Delta R.T. 0.00 min

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





#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

Tot Ion: 50 Resp: 122733

Ion Ratio Lower Upper

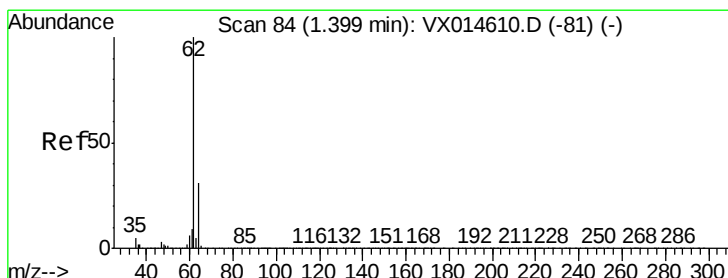
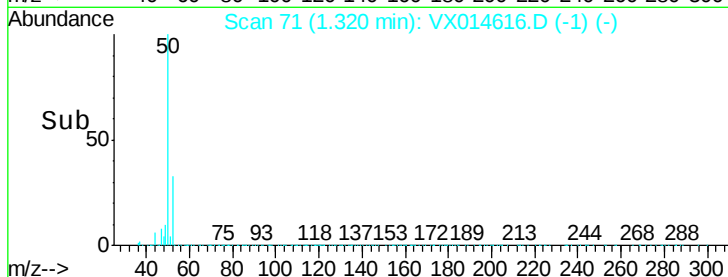
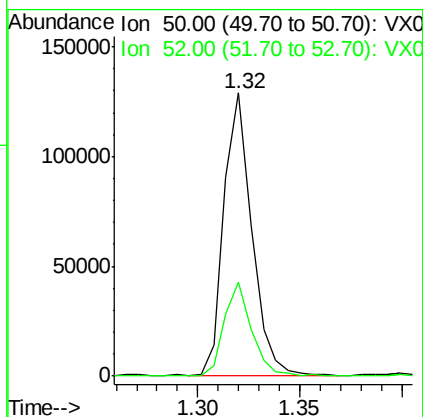
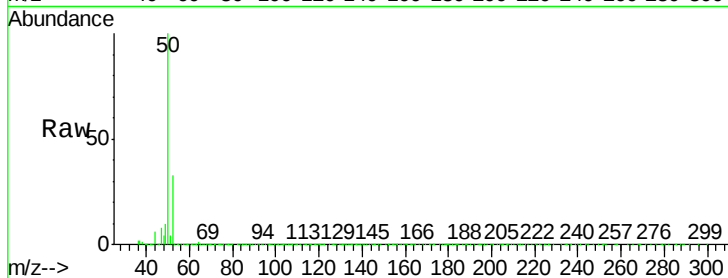
50 100

52 33.2 24.3 36.5

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#4

Vinyl Chloride

Concen: 20.569 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014616.D

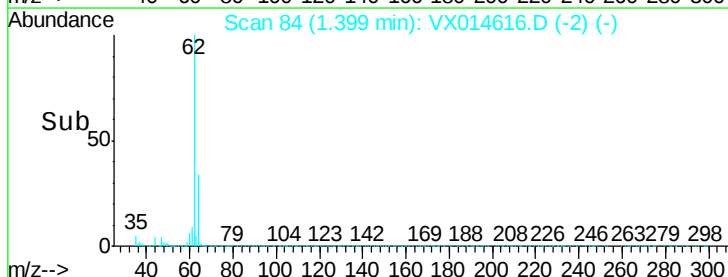
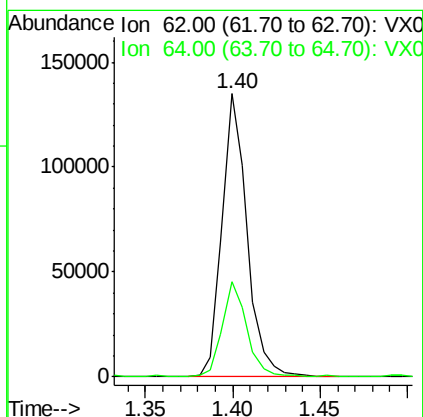
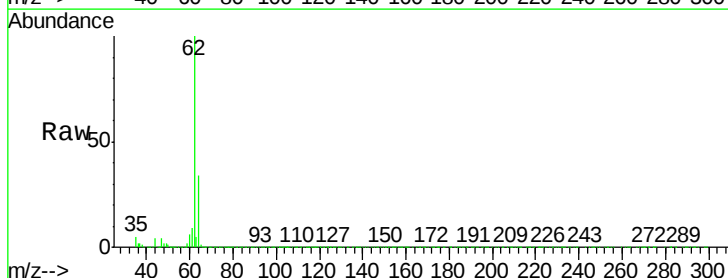
Acq: 15 Jan 2020 14:06

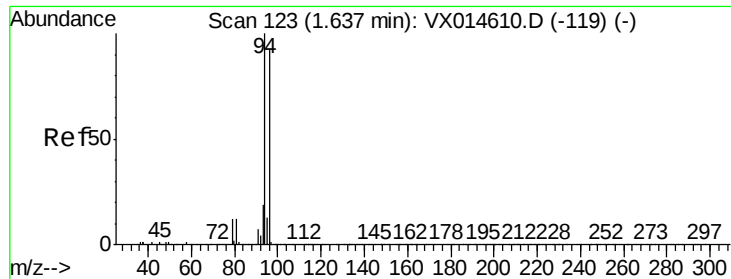
Tgt Ion: 62 Resp: 134141

Ion Ratio Lower Upper

62 100

64 33.4 25.2 37.8





#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

Tot Ion: 94 Resp: 76566

Ion Ratio Lower Upper

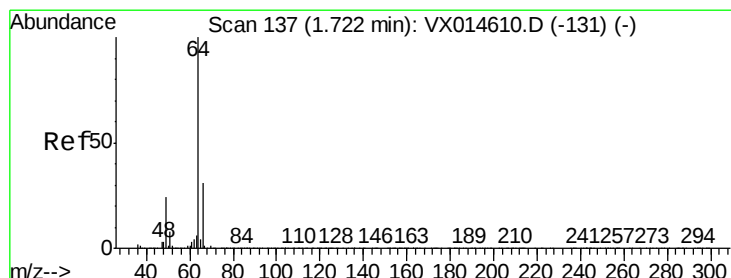
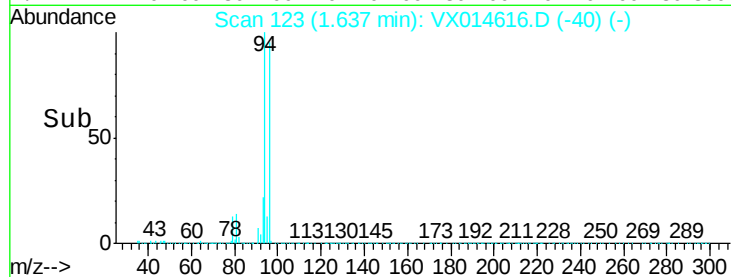
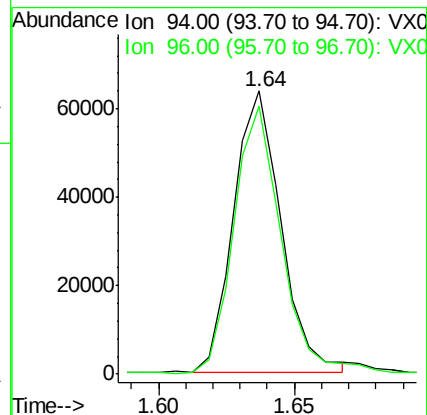
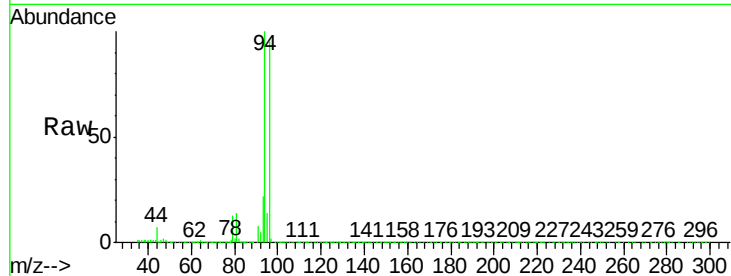
94 100

96 94.9 74.4 111.6

Manual Integrations
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#6

Chloroethane

Concen: 21.082 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014616.D

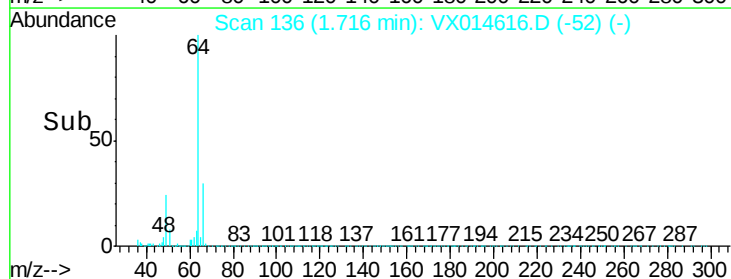
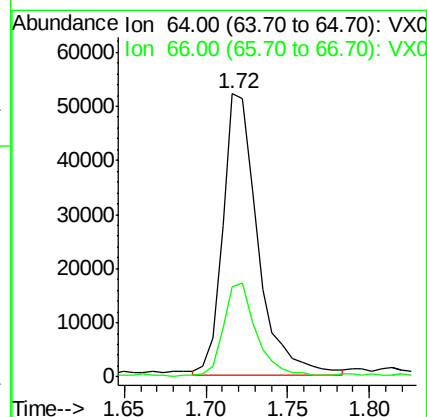
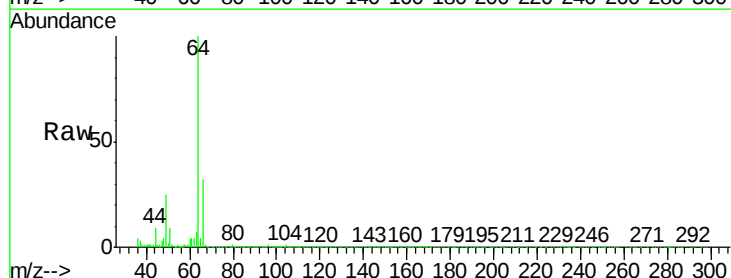
Acq: 15 Jan 2020 14:06

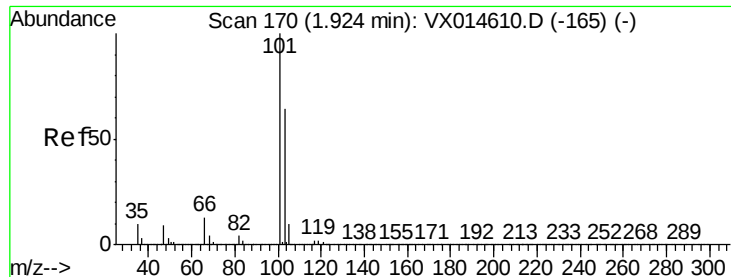
Tgt Ion: 64 Resp: 77506

Ion Ratio Lower Upper

64 100

66 31.9 25.2 37.8





#7

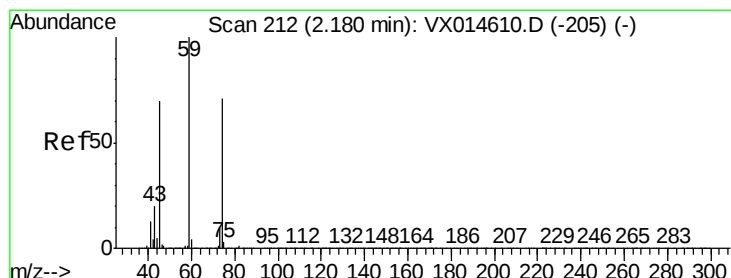
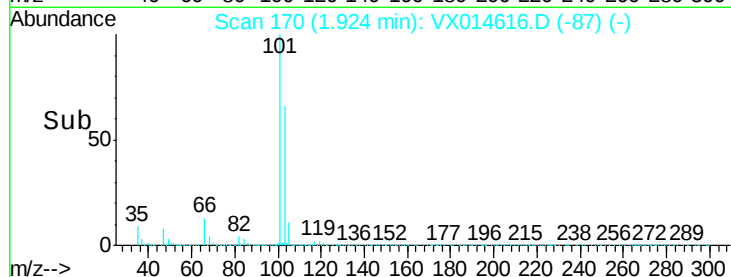
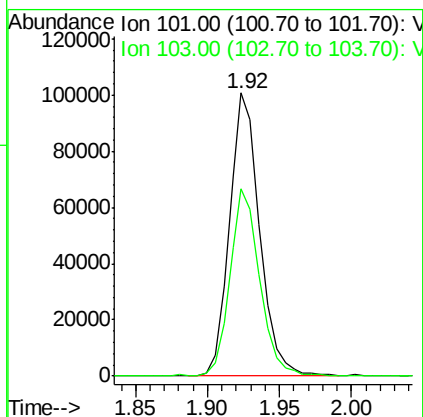
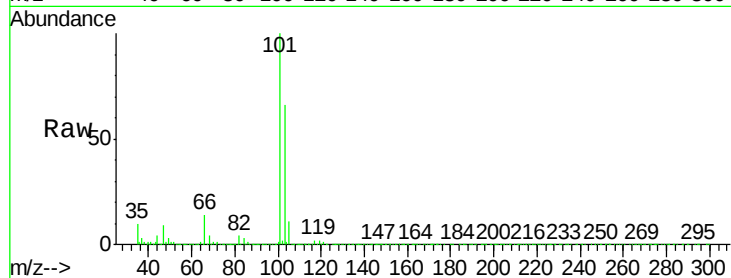
Trichlorofluoromethane
Concen: 20.306 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
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VX0115WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.6	77.4

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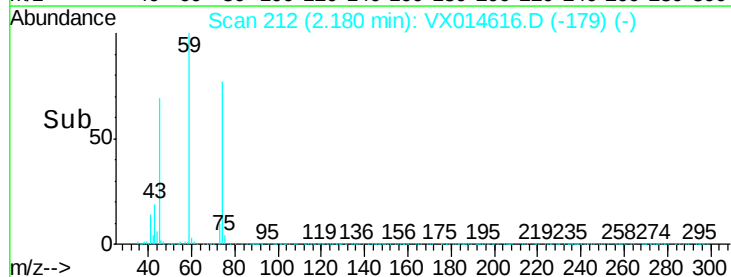
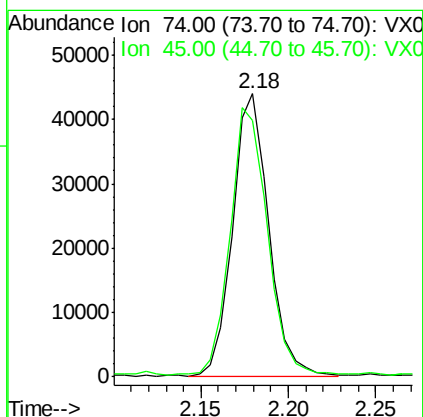
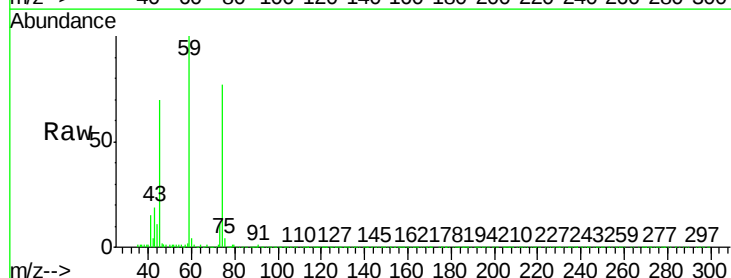
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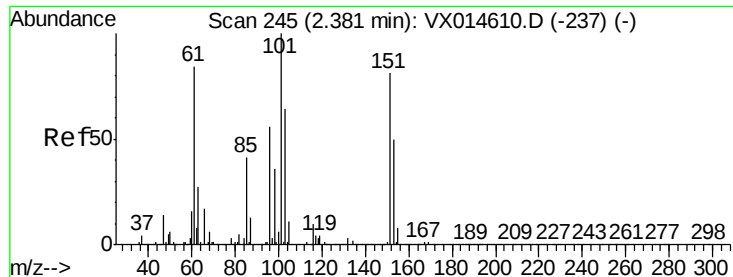


#8

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	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

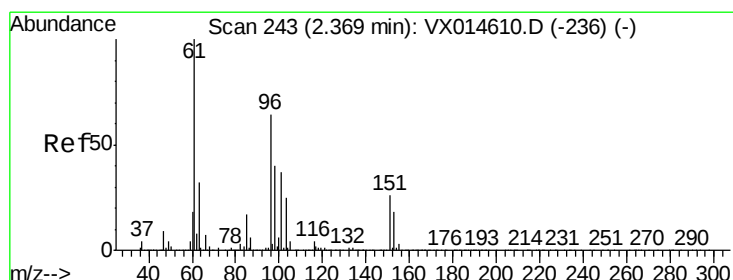
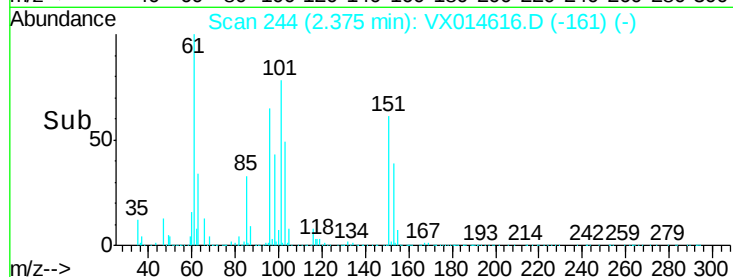
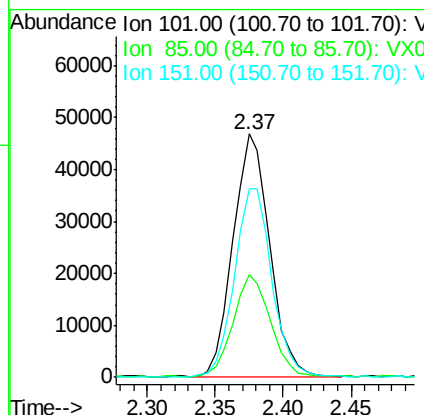
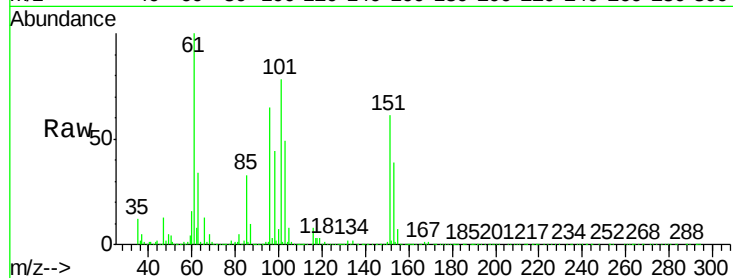
ClientSampleId :

VX0115WBS01

Tot Ion:	101	Resp:	88409
Ion Ratio	Lower	Upper	
101	100		
85	42.3	0.0	85.6
151	79.0	0.0	159.4

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1/16/2020 9:42:18 AM



#10

1,1-Dichloroethene

Concen: 20.550 ug/l

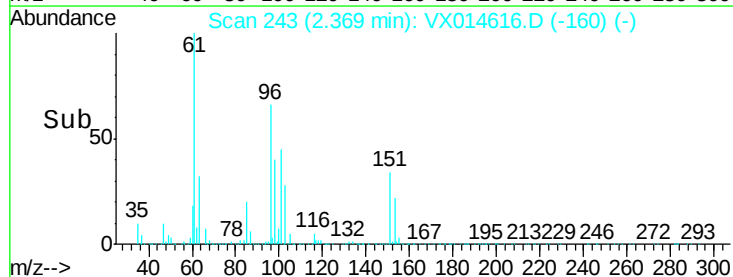
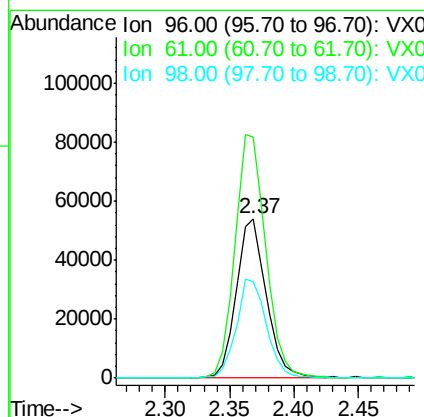
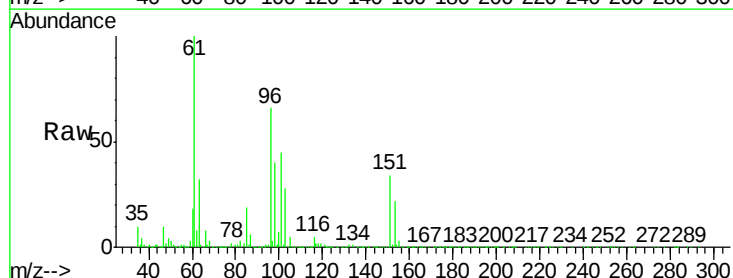
RT: 2.37 min Scan# 243

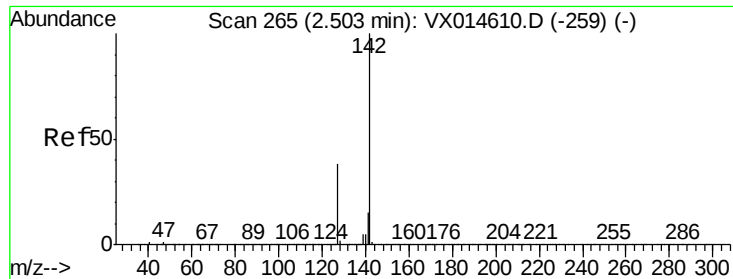
Delta R.T. 0.01 min

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





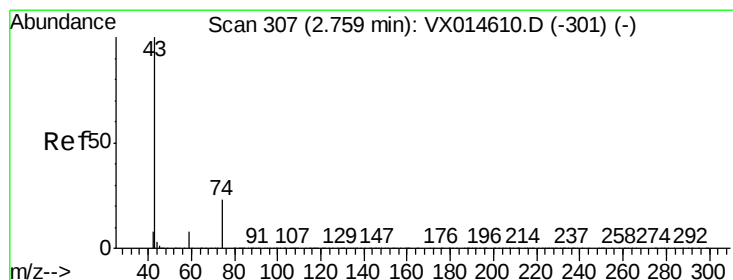
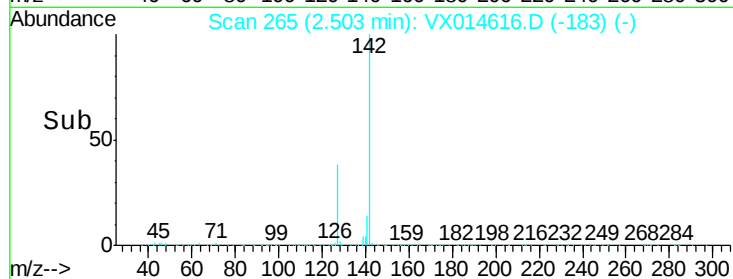
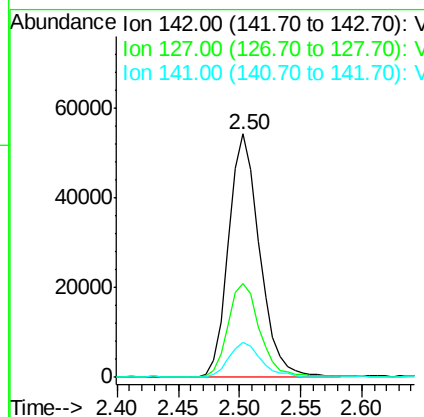
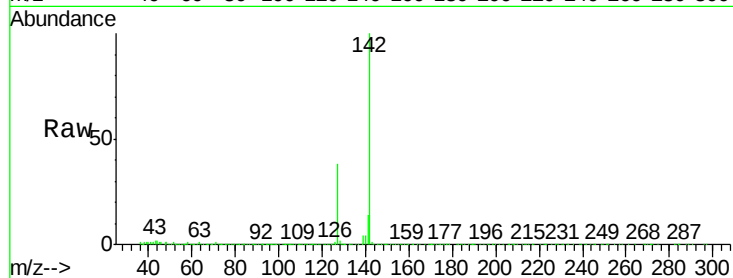
#11
Methvl Iodide
Concen: 16.685 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

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

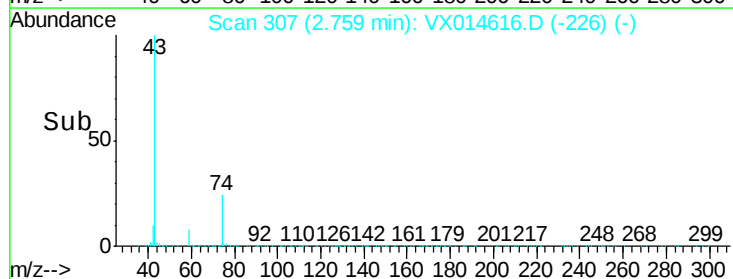
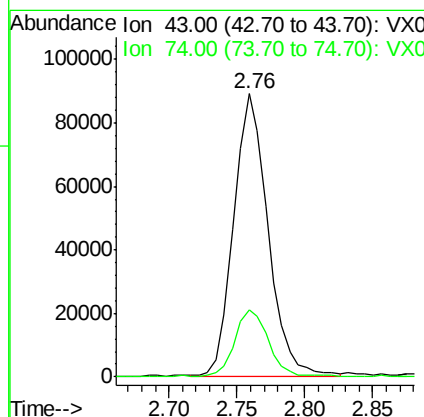
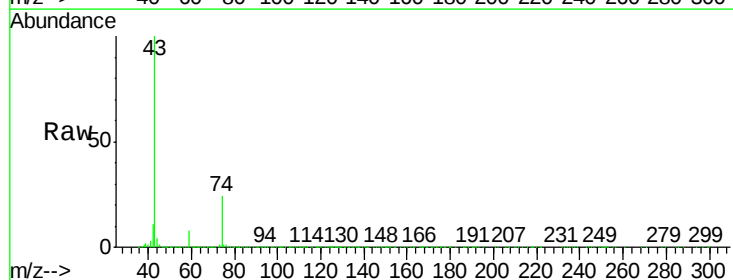
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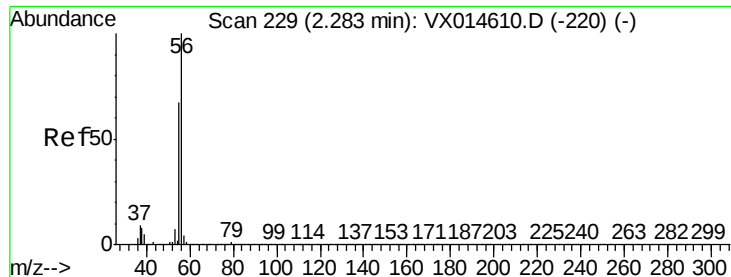
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#12
Methyl Acetate
Concen: 20.343 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

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

Tot Ion: 56 Resp: 73497

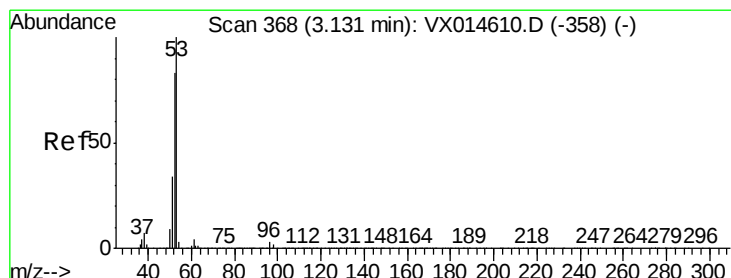
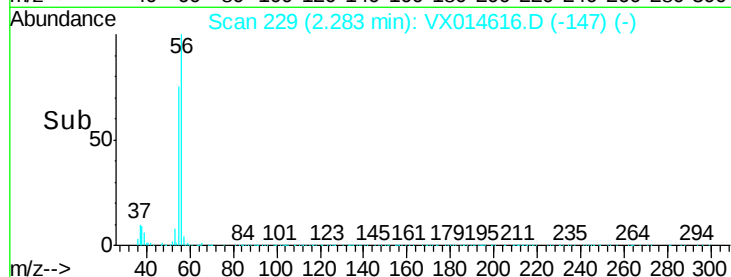
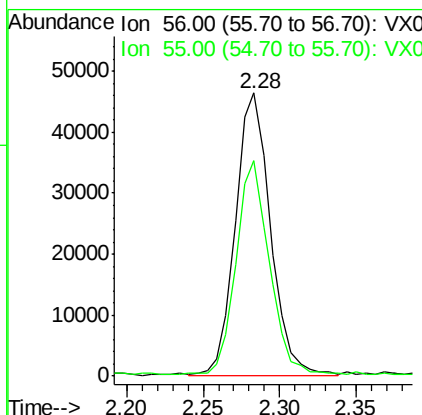
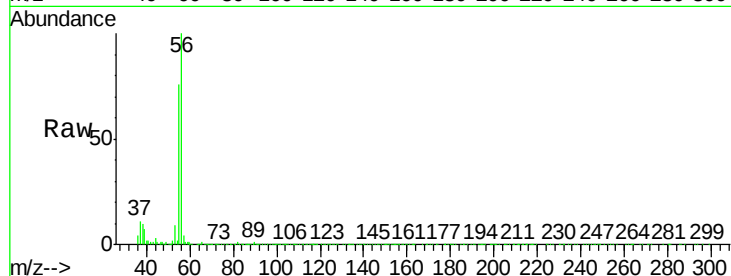
Ion Ratio Lower Upper

56 100

55 71.7 54.9 82.3

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#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

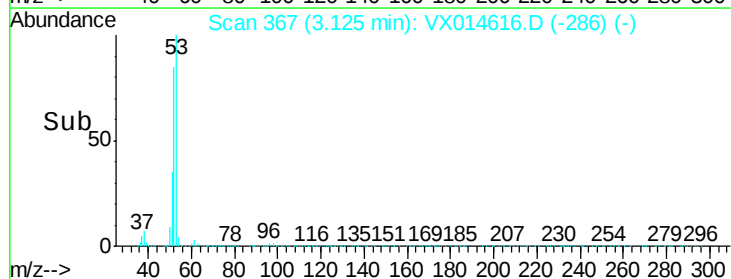
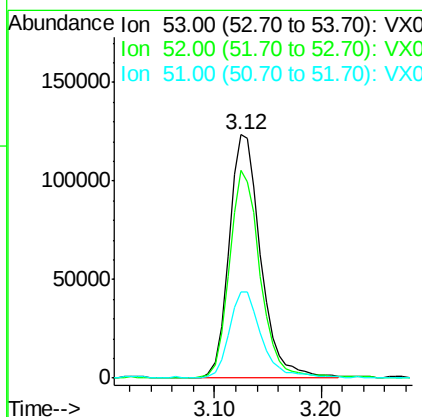
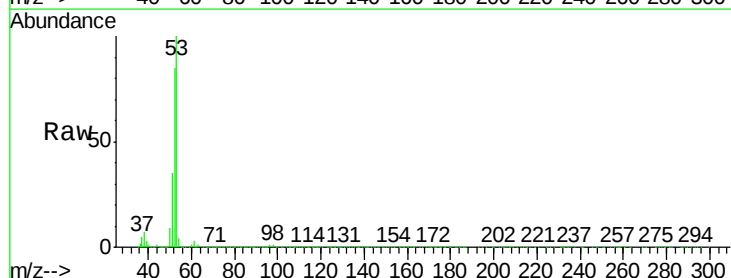
Tgt Ion: 53 Resp: 256727

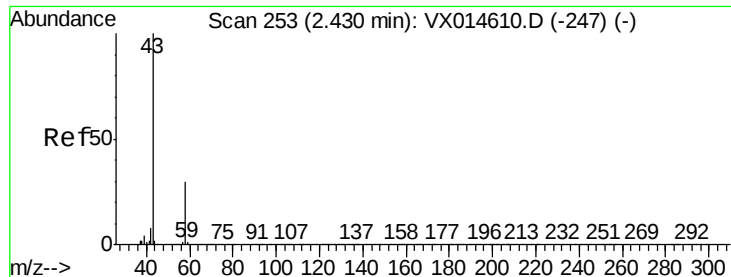
Ion Ratio Lower Upper

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

Tot Ion: 58 Resp: 86297

Ion Ratio Lower Upper

58 100

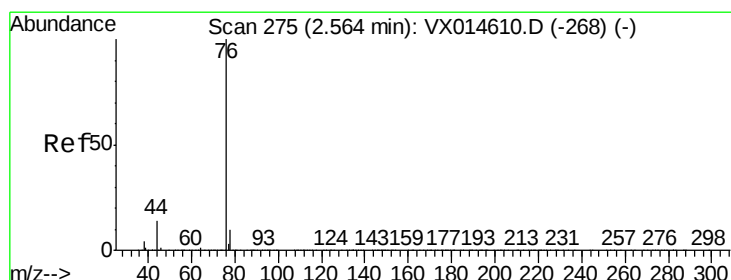
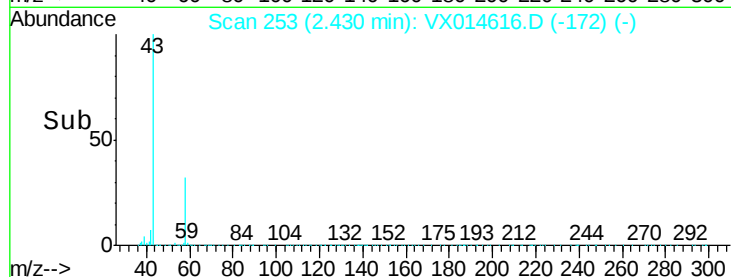
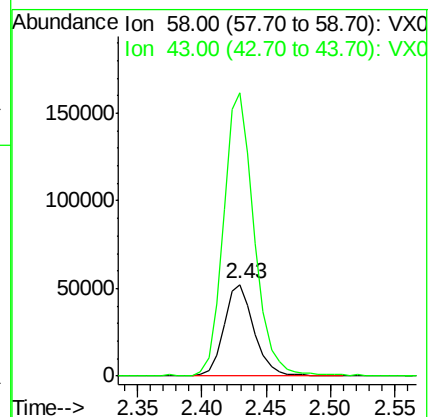
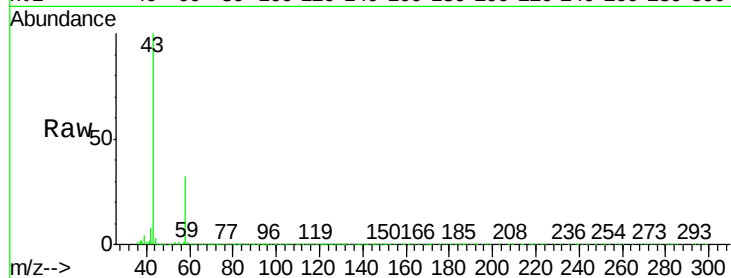
43 307.7 236.3 354.5

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#16

Carbon Disulfide

Concen: 20.313 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014616.D

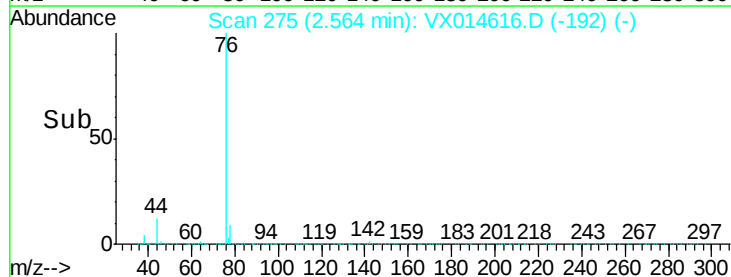
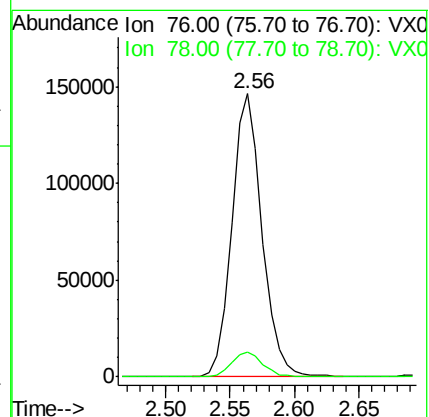
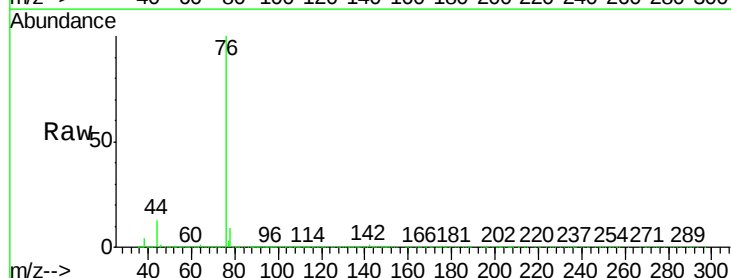
Acq: 15 Jan 2020 14:06

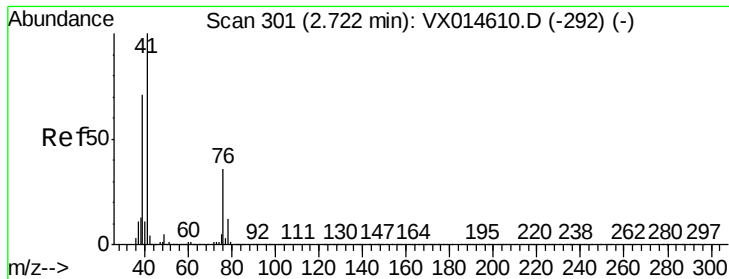
Tgt Ion: 76 Resp: 237066

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.8





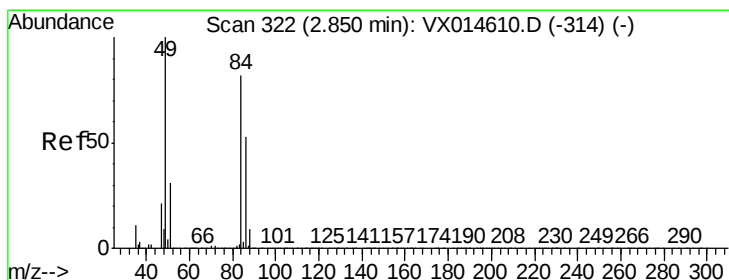
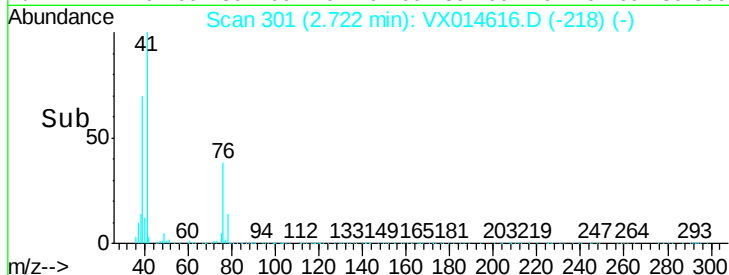
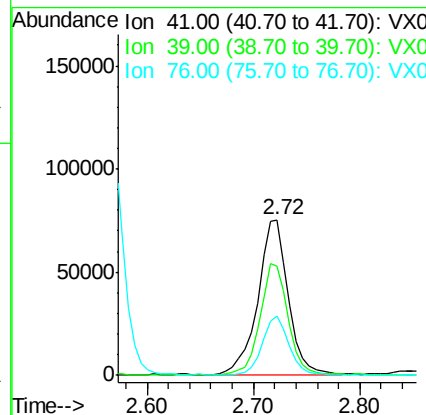
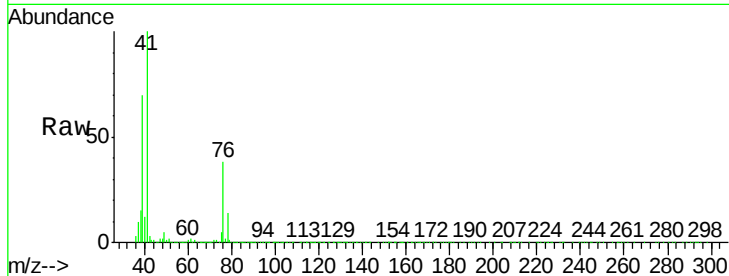
#17
Allvl chloride
Concen: 19.474 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		153150		
39	69.5	33.4	100.2		
76	37.5	17.0	50.9		

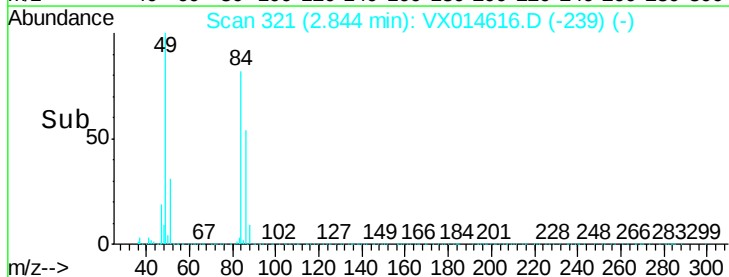
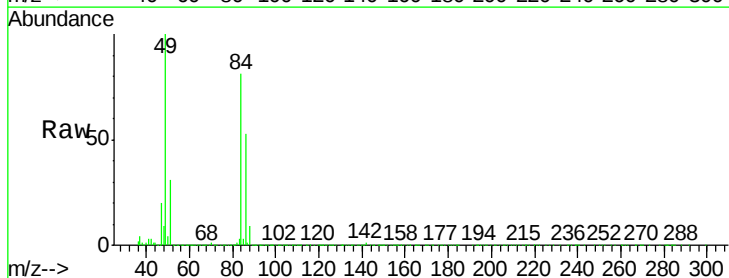
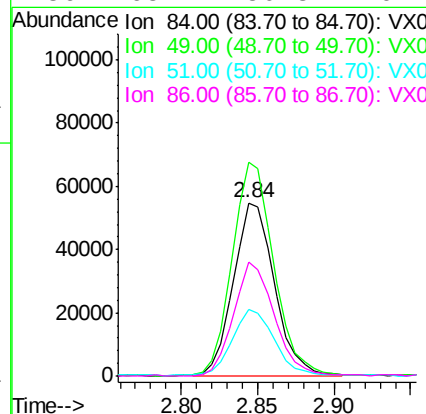
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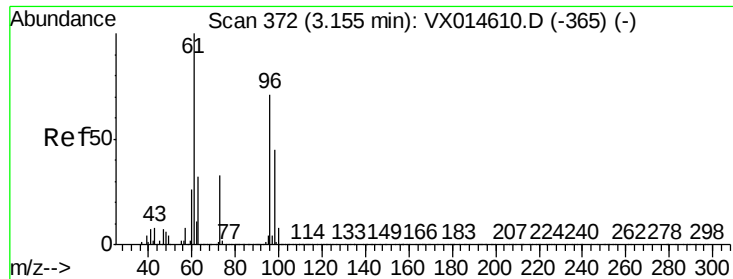
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#18
Methylene Chloride
Concen: 20.440 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
84	100		101653		
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

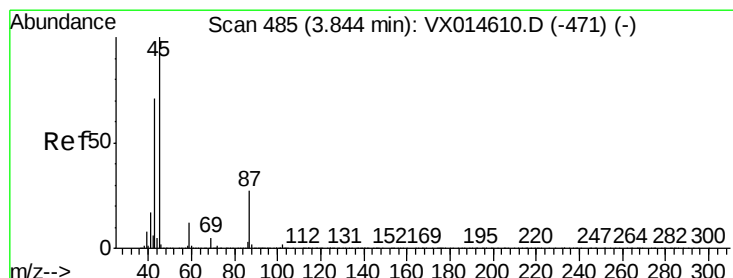
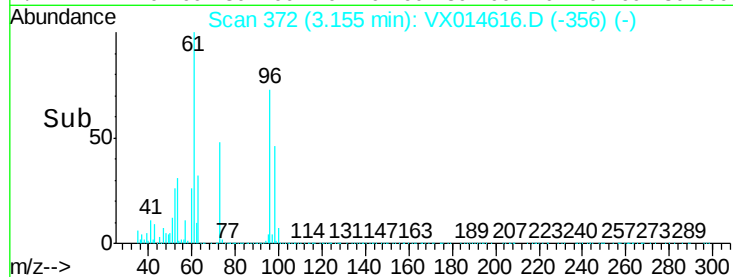
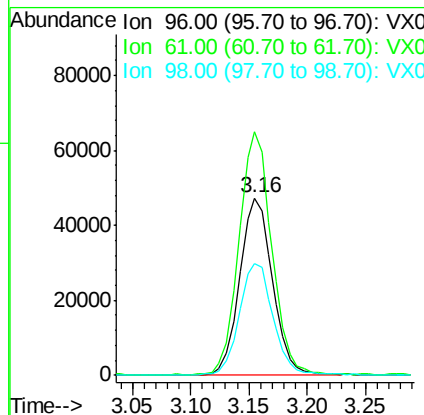
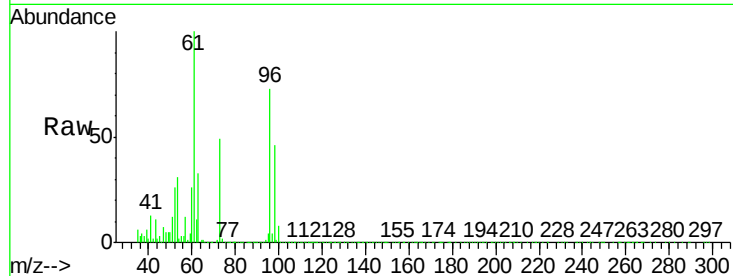
ClientSampleId :

VX0115WBS01

Tot Ion:	96	Resp:	93382
Ion Ratio	Lower	Upper	
96	100		
61	136.8	106.6	159.8
98	62.8	51.6	77.4

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#20

Diisopropyl ether

Concen: 19.970 ug/l

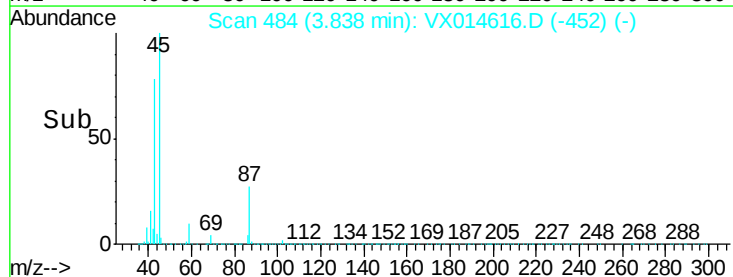
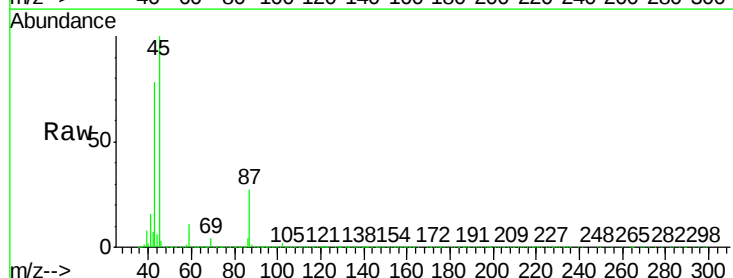
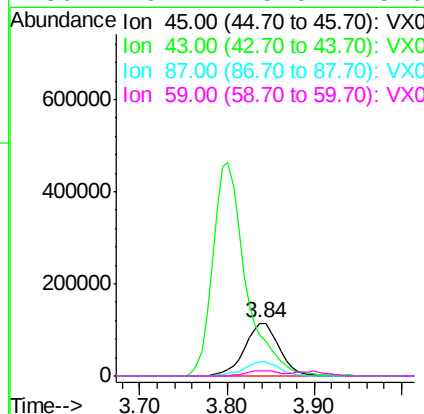
RT: 3.84 min Scan# 484

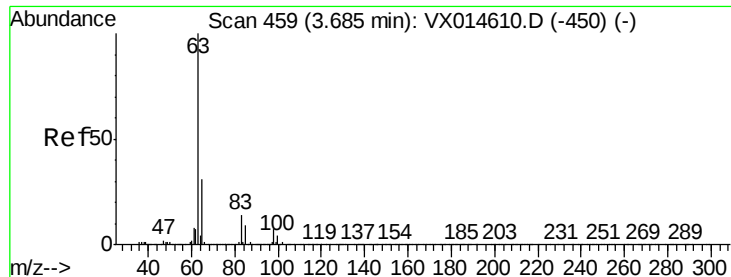
Delta R.T. -0.01 min

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

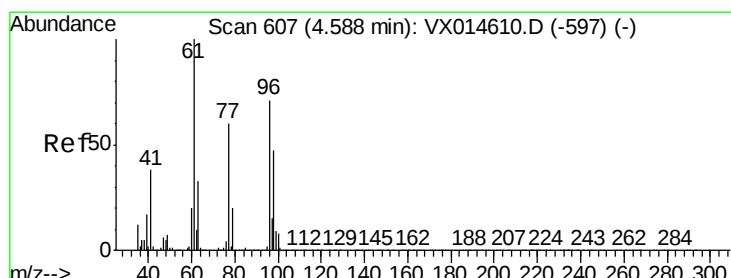
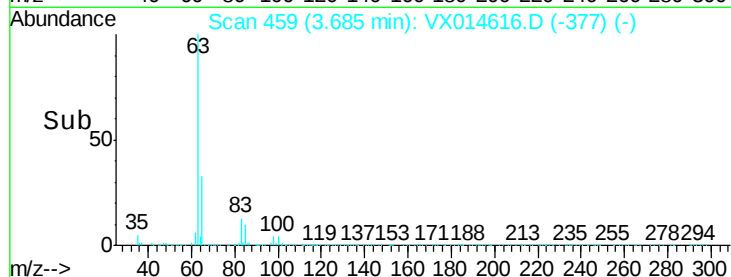
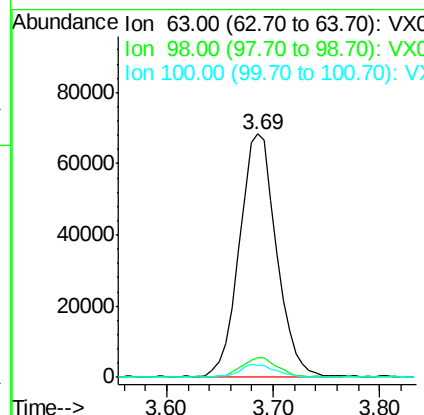
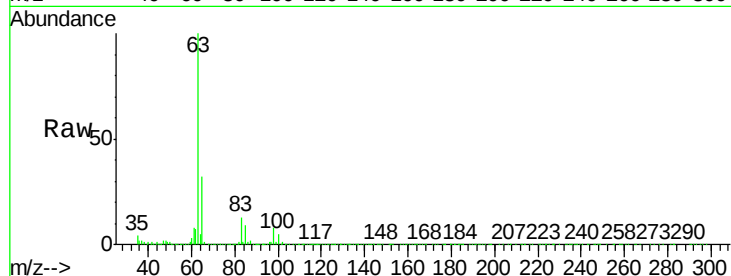
ClientSampleId :

VX0115WBS01

Tot Ion	63	Resp	165885
Ion Ratio	Lower	Upper	
63	100		
98	8.0	3.4	10.1
100	4.8	2.5	7.4

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#22

cis-1,2-Dichloroethene

Concen: 19.866 ug/l

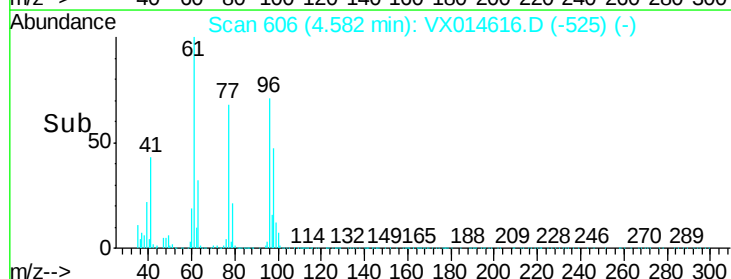
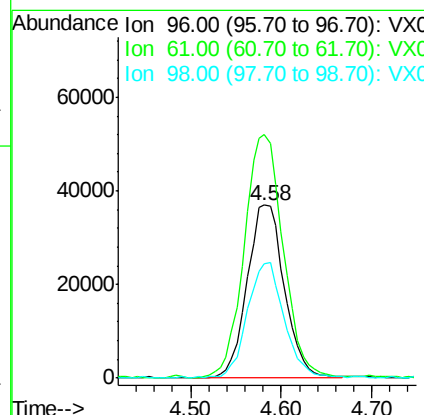
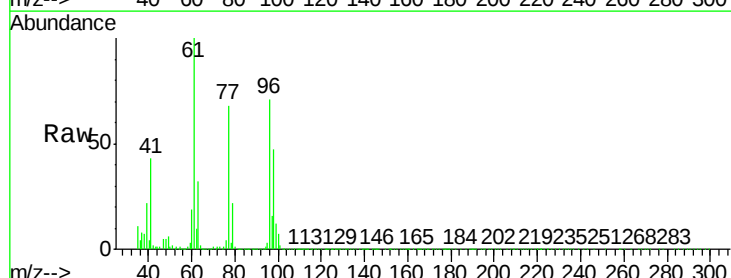
RT: 4.58 min Scan# 606

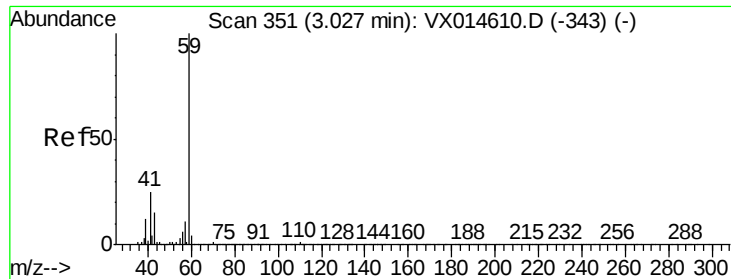
Delta R.T. -0.01 min

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

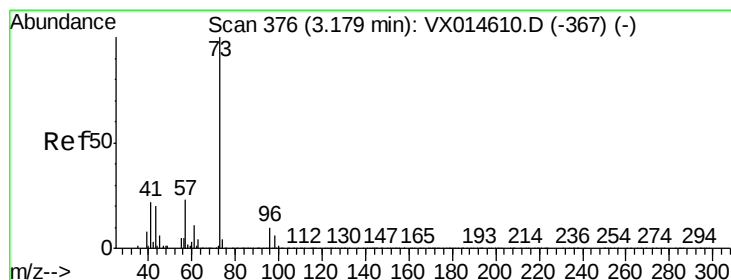
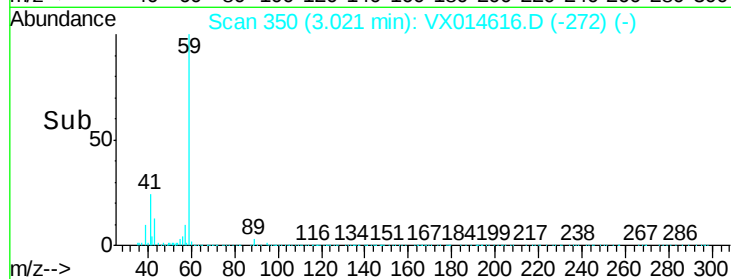
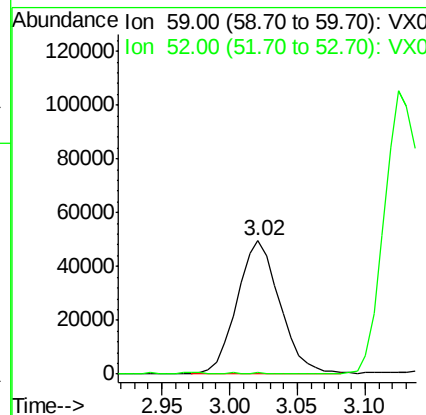
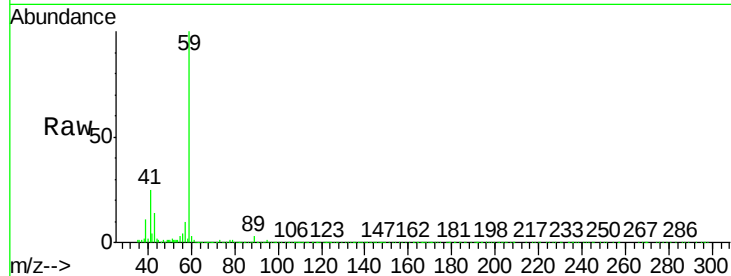
tert-Butyl Alcohol
 Concen: 100.245 ug/l m
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.2	0.2#

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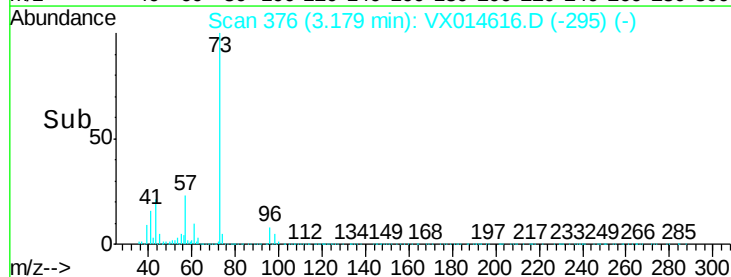
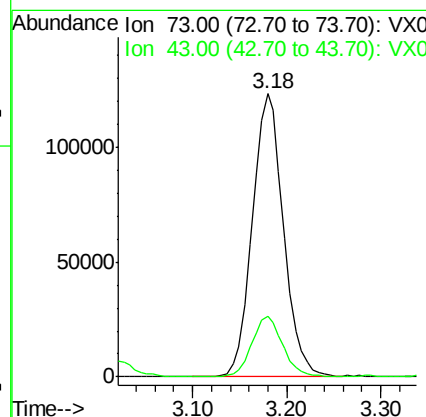
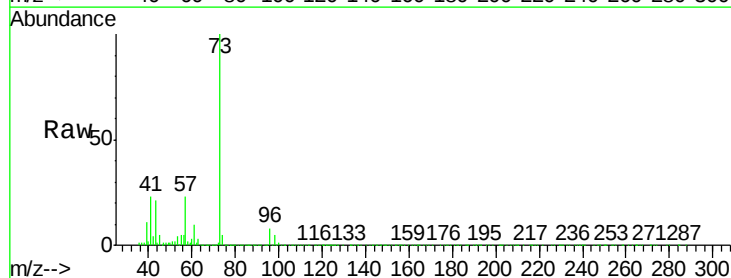
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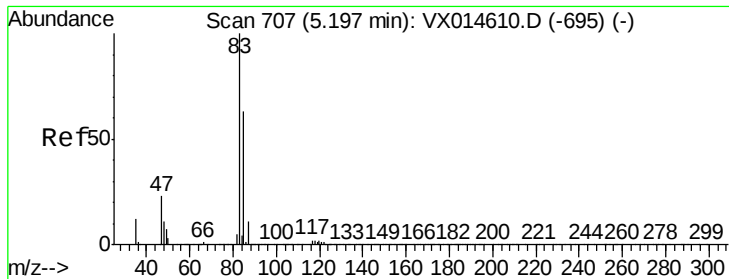


#24

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	Ratio	Lower	Upper
73	100		
43	20.8	16.6	25.0





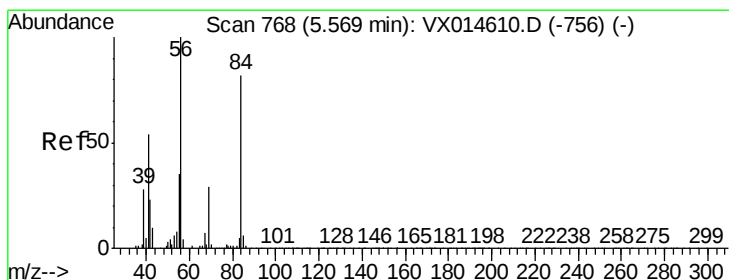
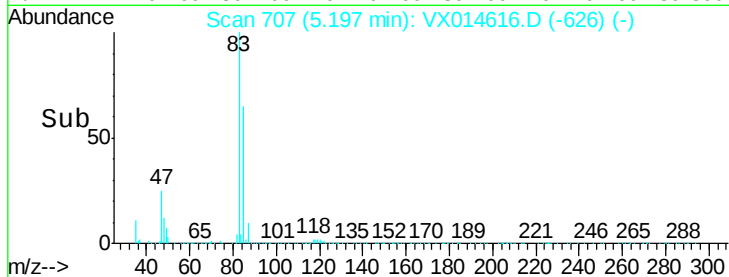
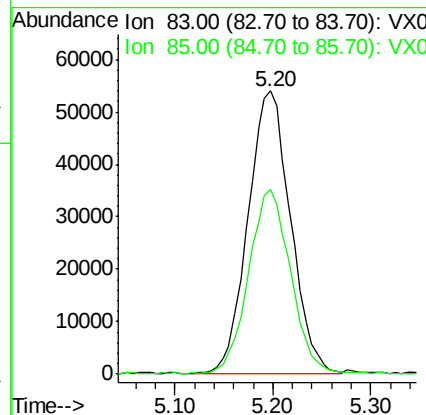
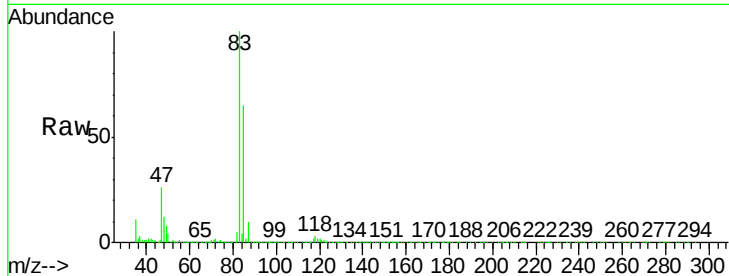
#25
Chloroform
Concen: 19.893 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

Tot Ion	83	Resp	162887
Ion Ratio	100	Lower	Upper
83	100		
85	65.0	52.7	79.1

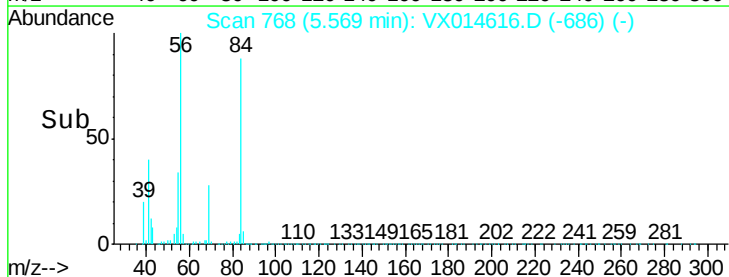
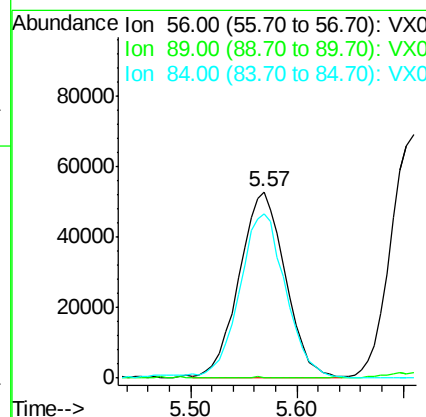
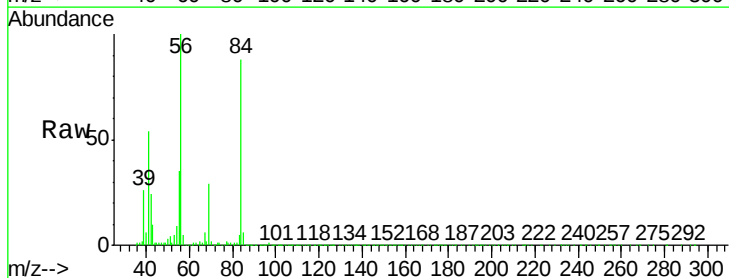
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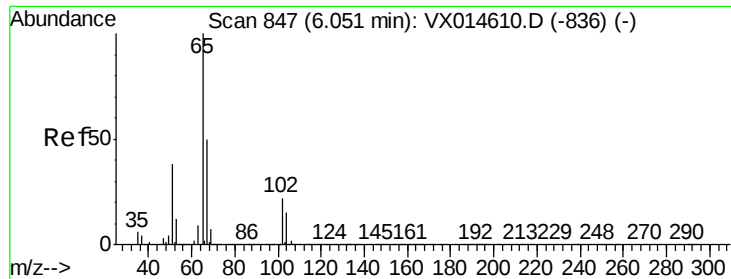
MMDadoda
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#26
Cyclohexane
Concen: 20.321 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion	56	Resp	158440
Ion Ratio	100	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 :

VX0115WS01

Tot Ion: 65 Resp: 163907

Ion Ratio Lower Upper

65 100

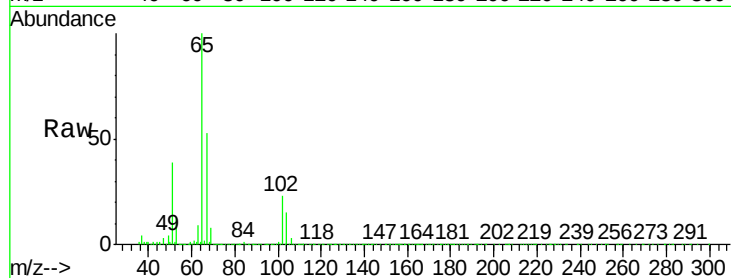
67 54.6 43.1 64.7

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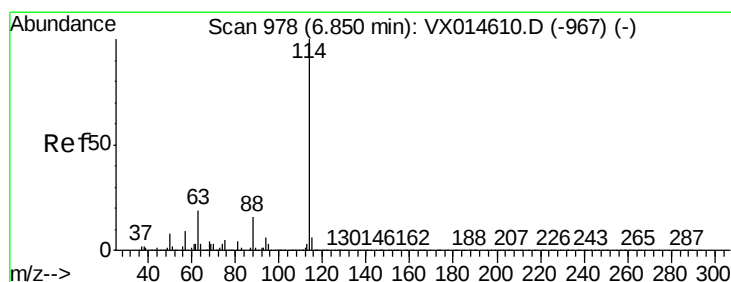
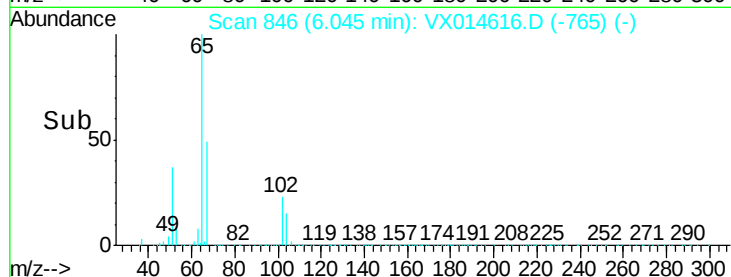
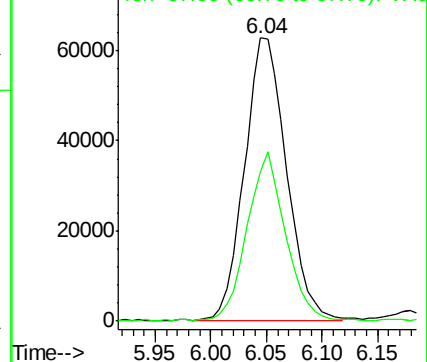
MMDadoda

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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

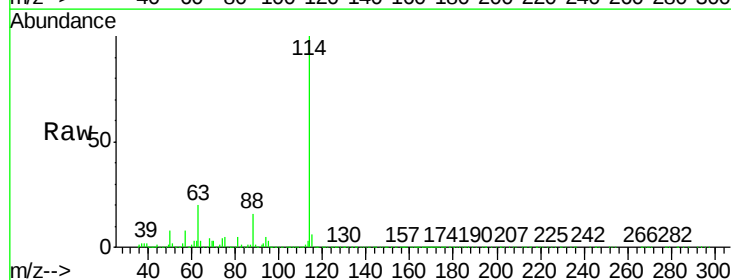
Tgt Ion: 114 Resp: 433192

Ion Ratio Lower Upper

114 100

63 20.3 16.1 24.1

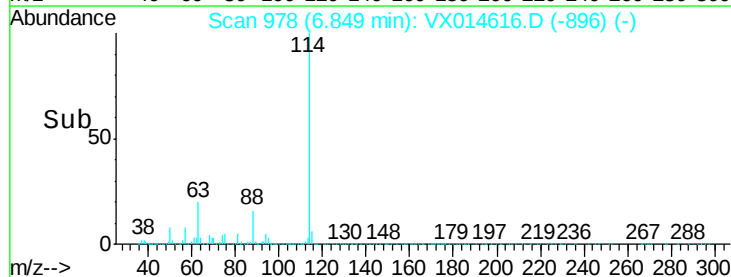
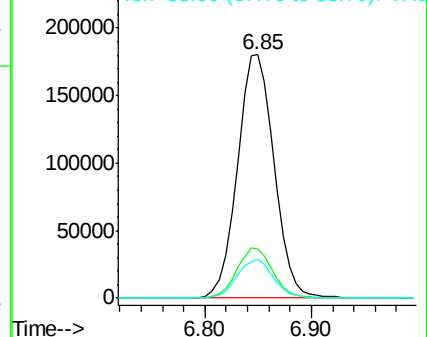
88 15.8 12.5 18.7

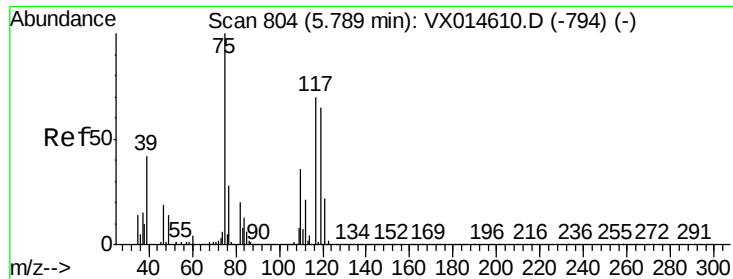


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





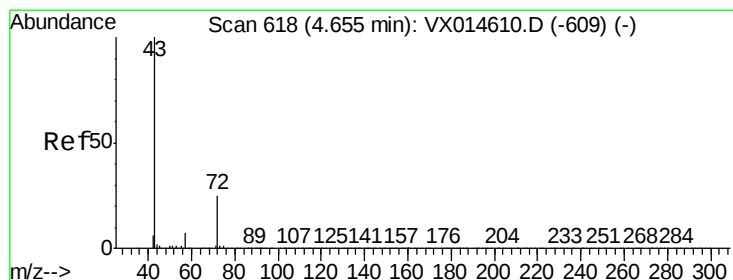
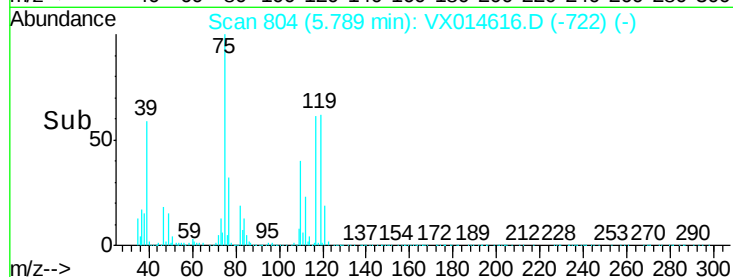
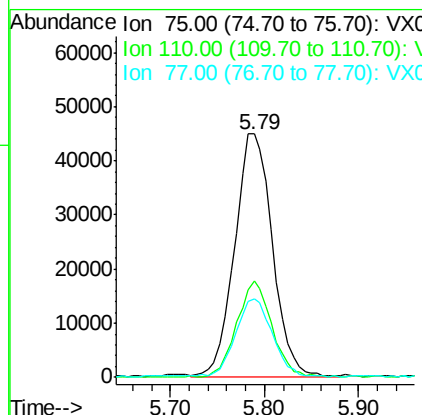
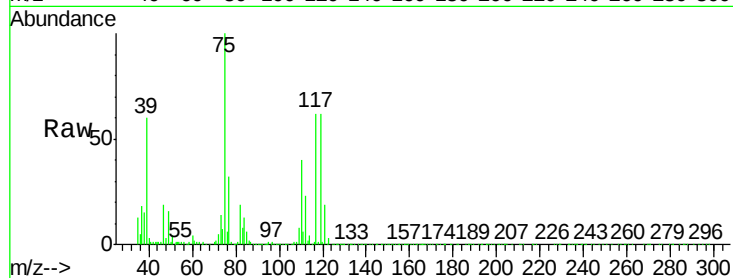
#29
 1,1-Dichloropropene
 Concen: 19.744 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

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

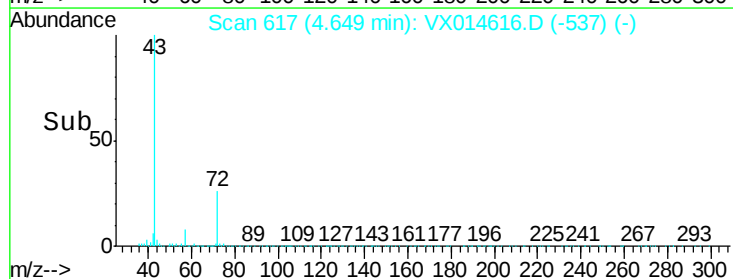
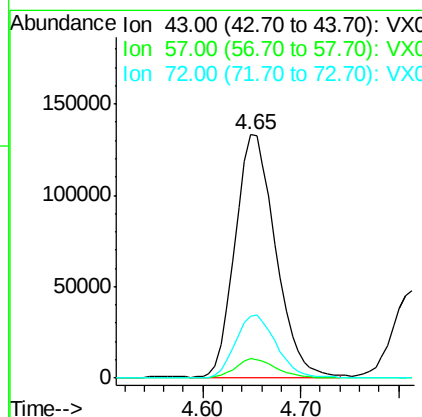
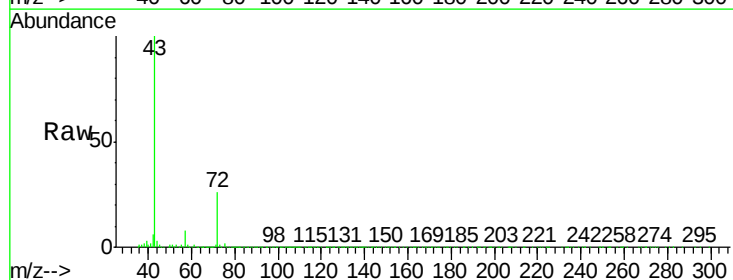
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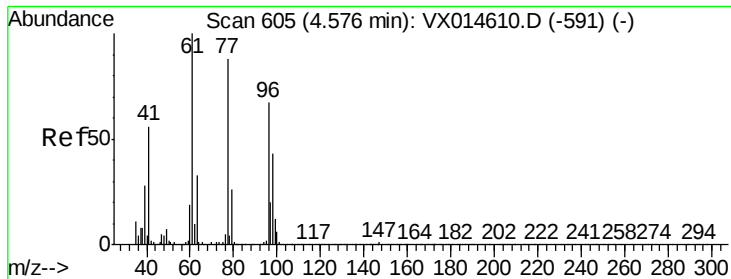
MMDadoda
 1/16/2020 9:42:18 AM



#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	Resp 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

Tot Ion: 77 Resp: 133852

Ion Ratio Lower Upper

77 100

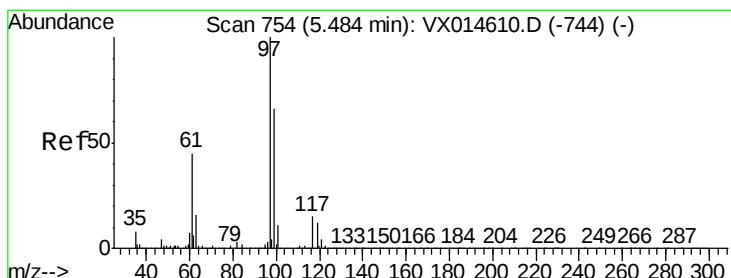
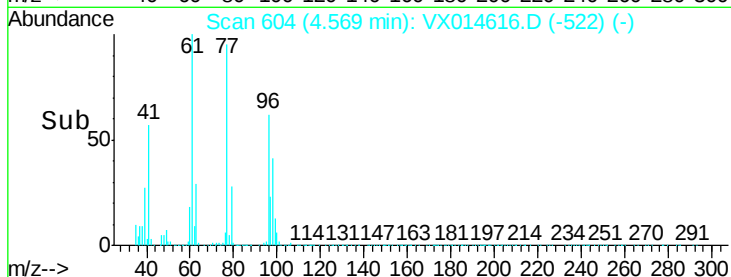
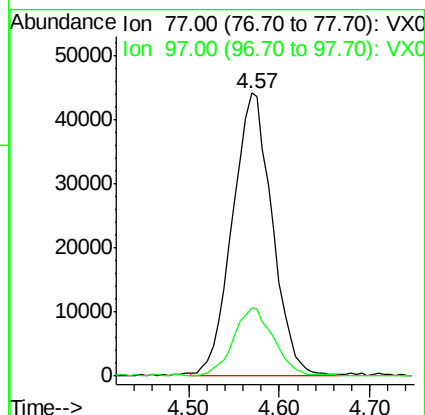
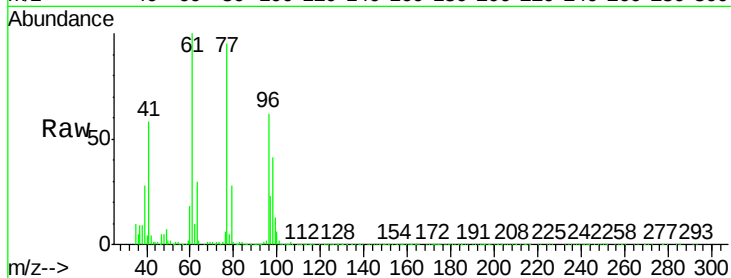
97 24.2 19.7 29.5

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#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

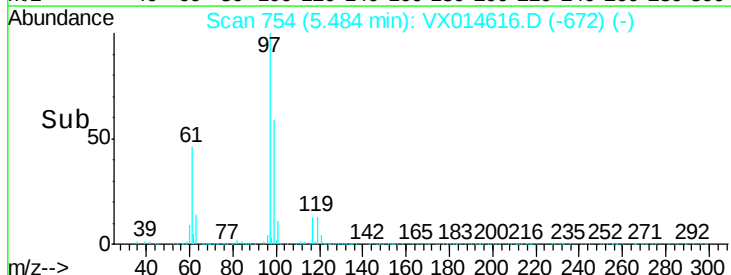
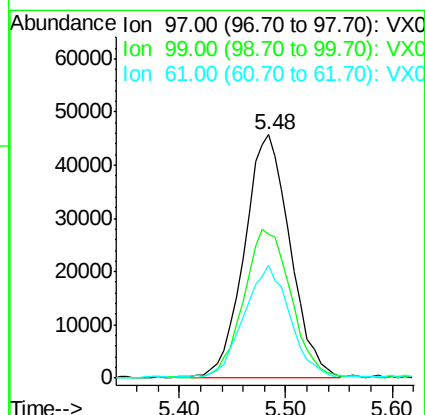
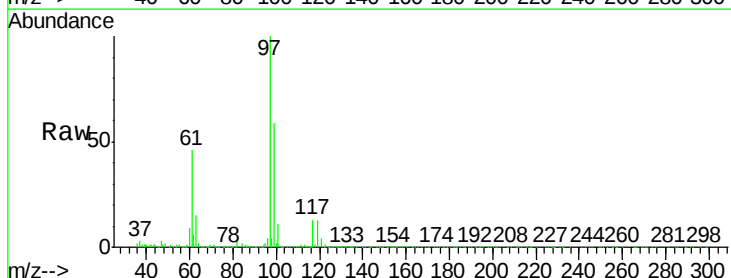
Tgt Ion: 97 Resp: 136547

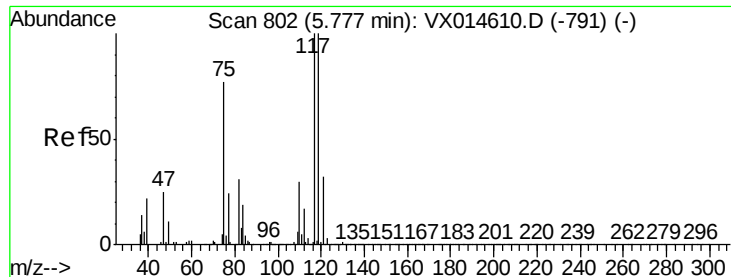
Ion Ratio Lower Upper

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

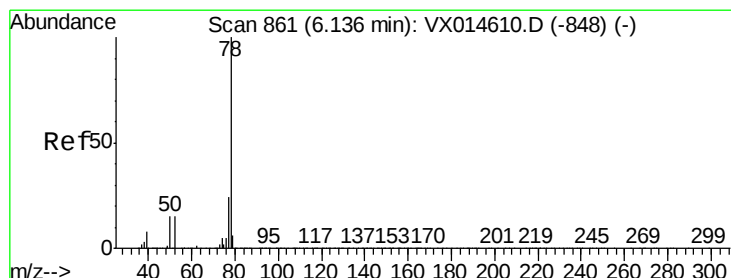
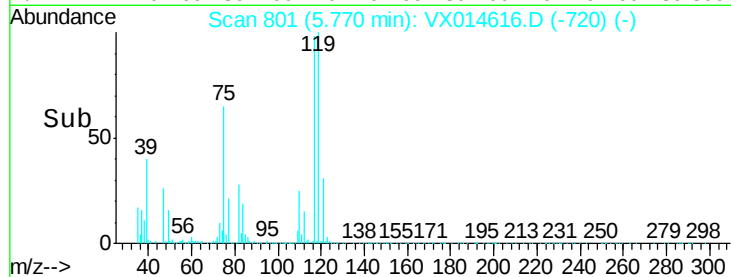
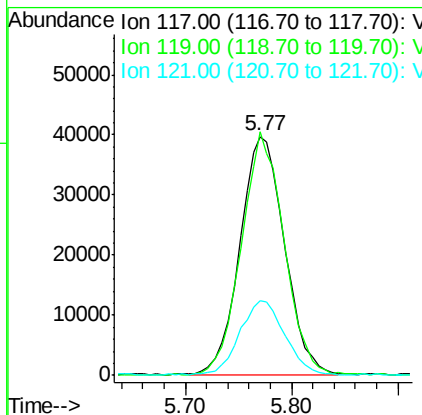
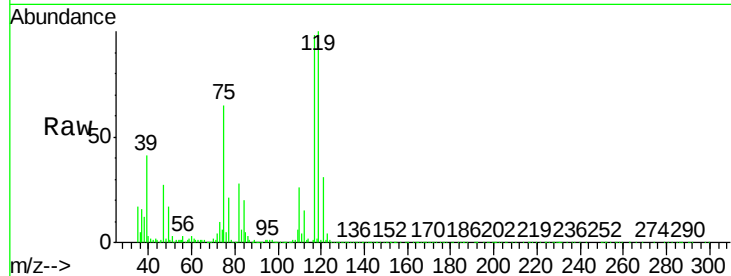
ClientSampleId :

VX0115WBS01

Tot Ion:	117	Resp:	116751
Ion Ratio	Lower	Upper	
117	100		
119	102.0	77.2	115.8
121	31.1	24.8	37.2

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#34

Benzene

Concen: 19.551 ug/l

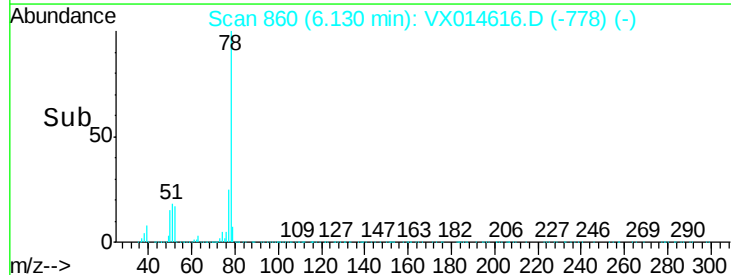
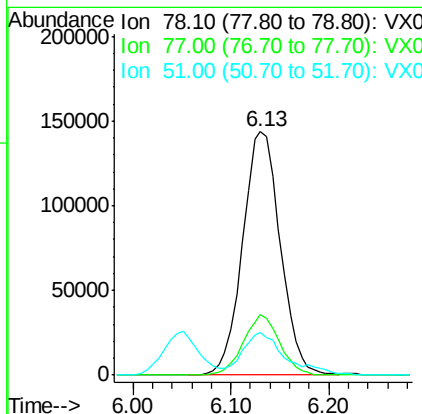
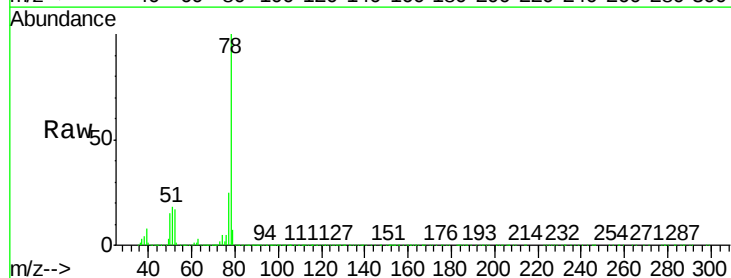
RT: 6.13 min Scan# 860

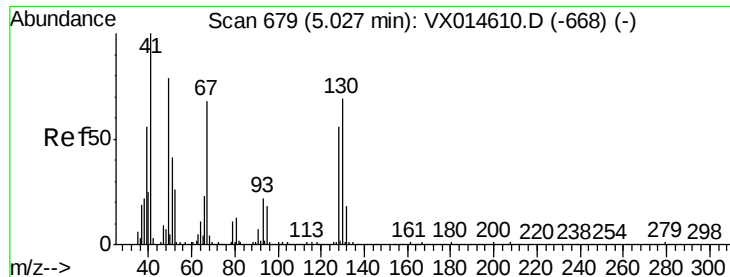
Delta R.T. 0.00 min

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





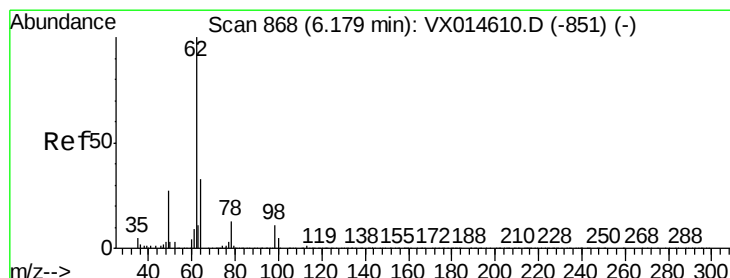
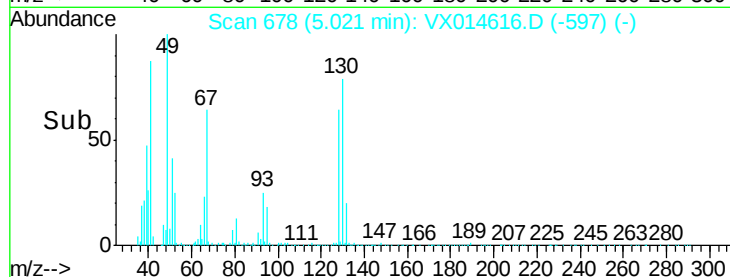
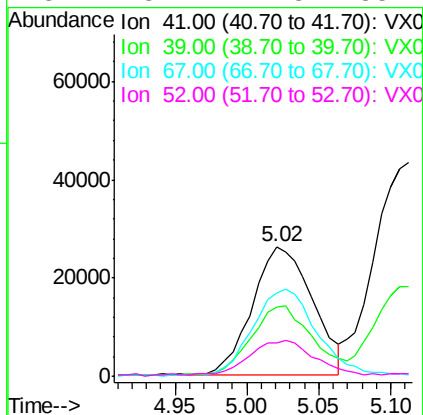
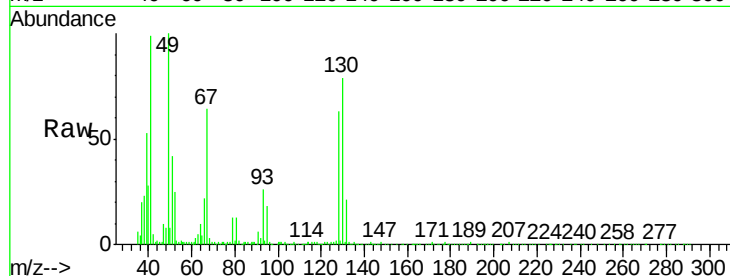
#35
Methacrylonitrile
Concen: 18.764 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

Tot Ion	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	

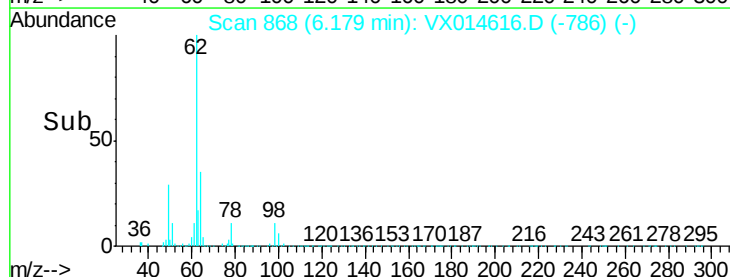
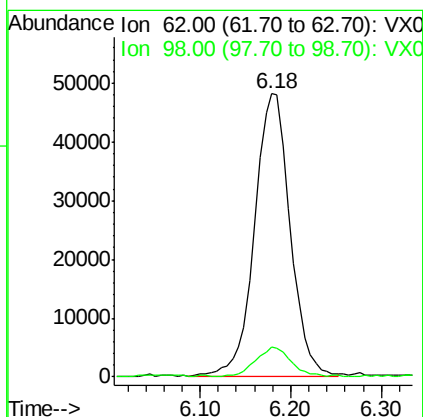
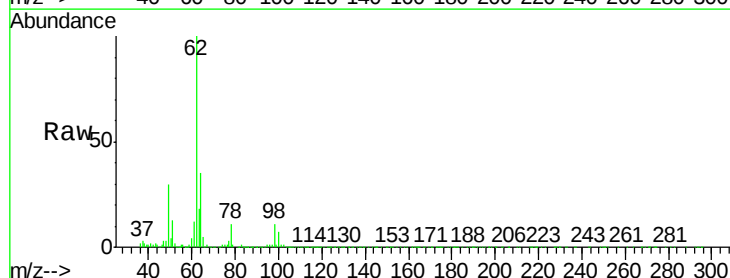
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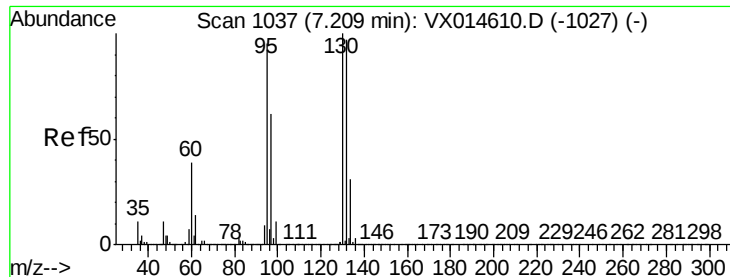
MMDadoda
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#36
1,2-Dichloroethane
Concen: 19.009 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	8.4	12.6	





#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

Tot Ion:130 Resp: 105694

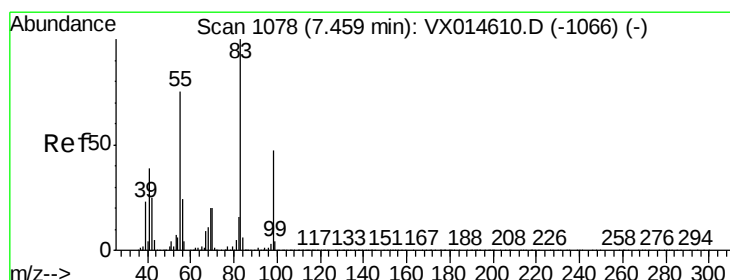
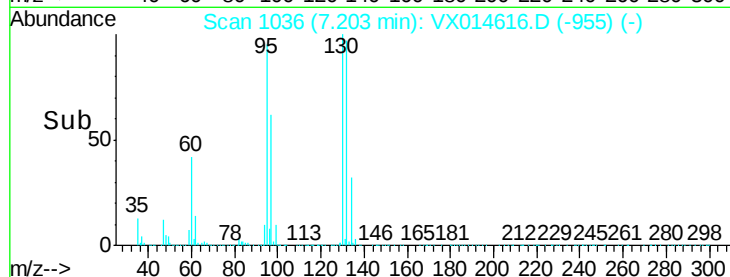
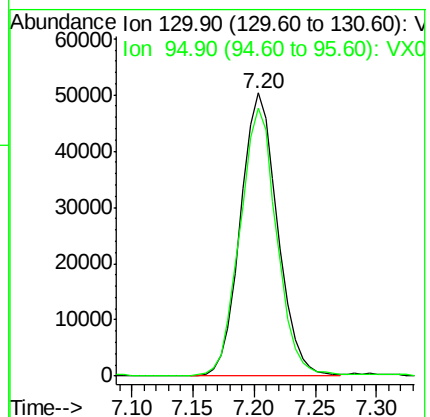
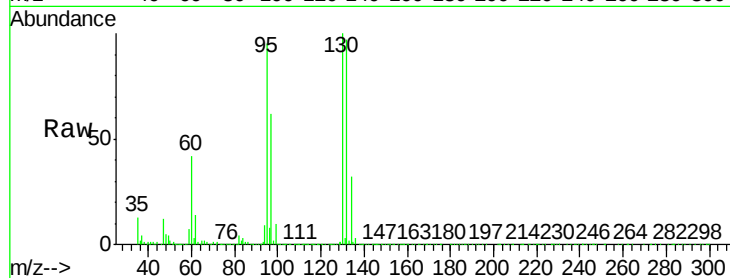
Ion Ratio Lower Upper

130 100

95 94.6 71.7 107.5

Manual Integrations
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#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

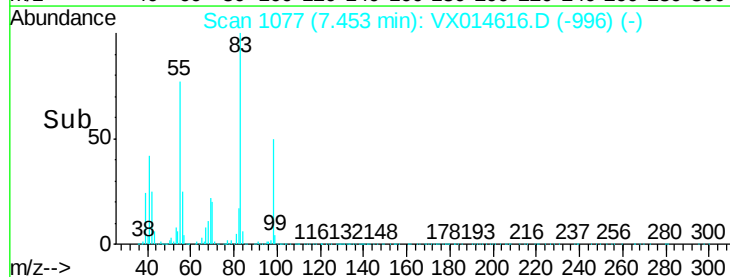
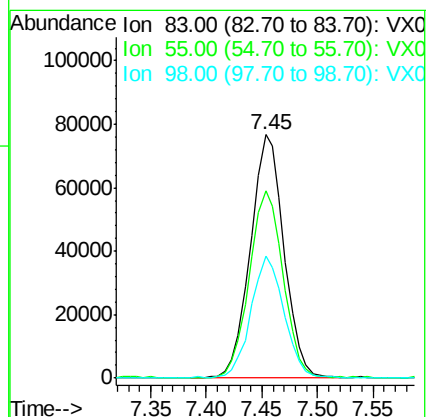
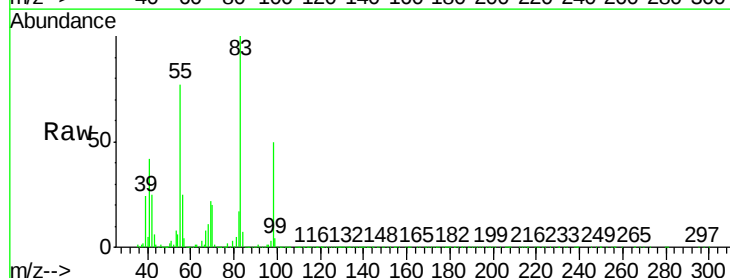
Tgt Ion: 83 Resp: 161201

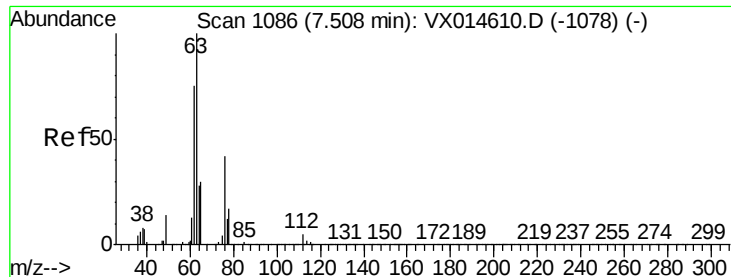
Ion Ratio Lower Upper

83 100

55 78.0 39.4 118.1

98 49.1 25.1 75.3





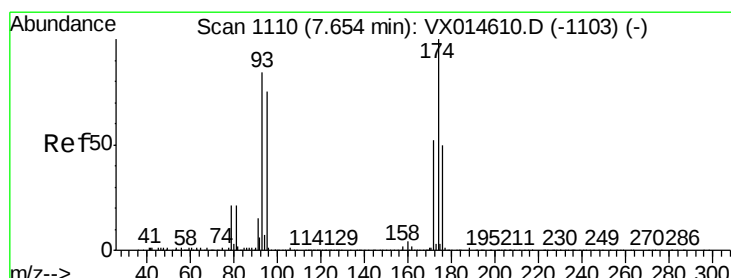
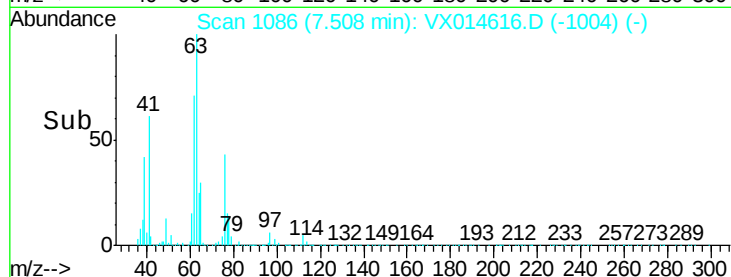
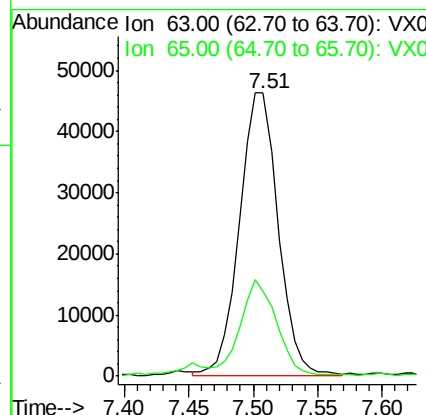
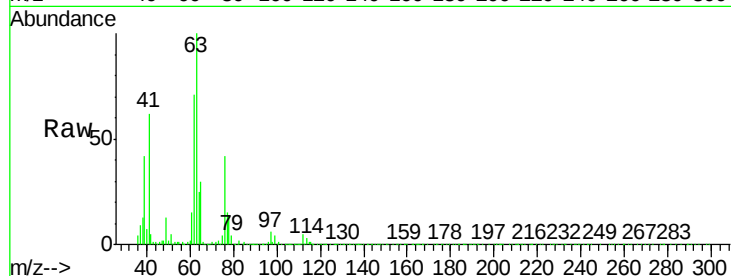
#39
 1,2-Dichloropropane
 Concen: 18.750 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	22.1	33.1

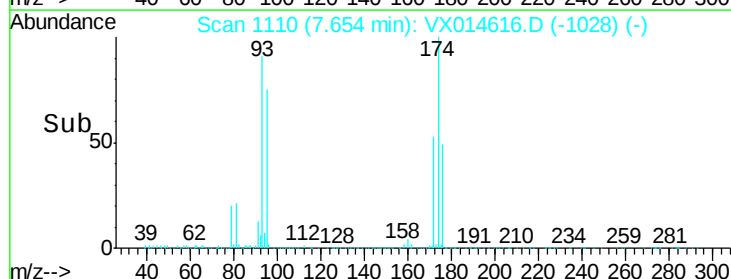
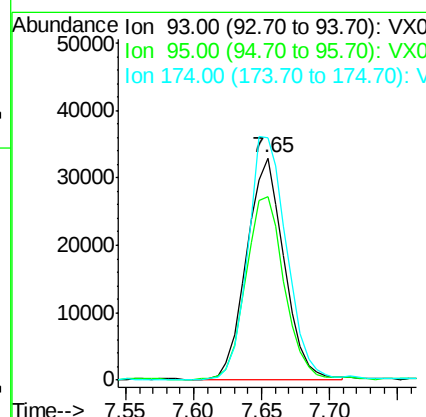
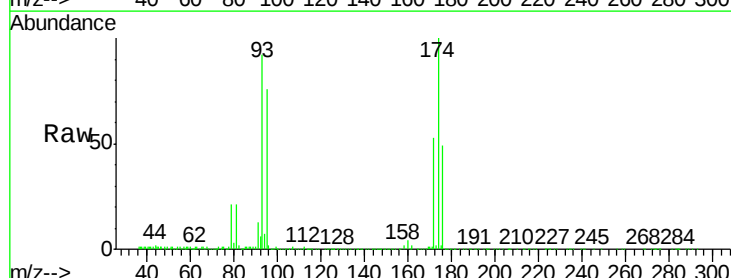
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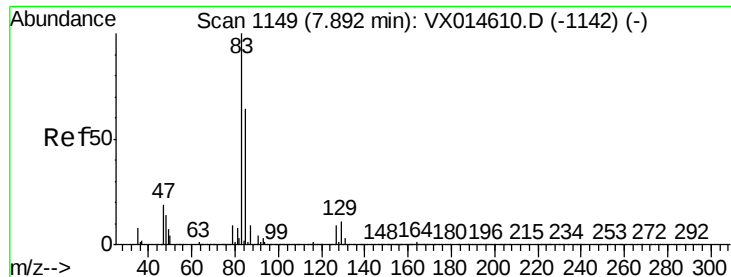
MMDadoda
 1/16/2020 9:42:18 AM



#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	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

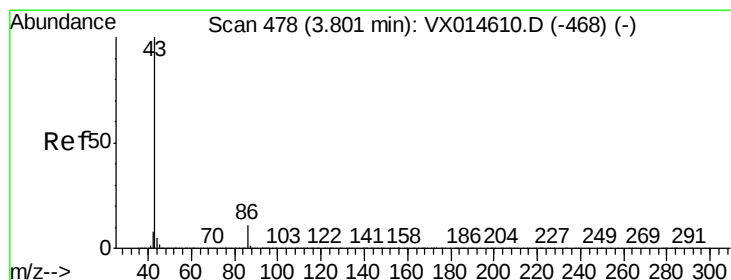
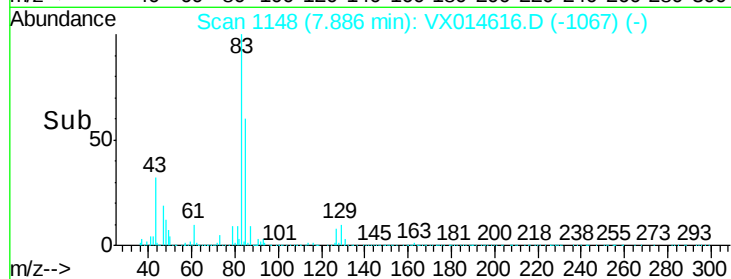
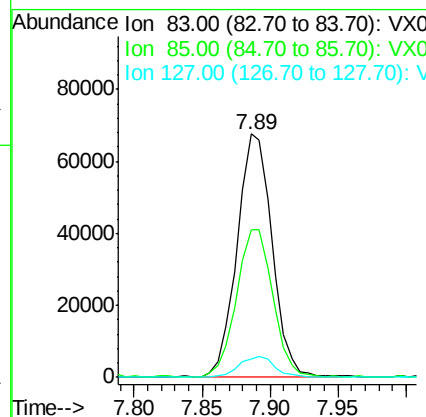
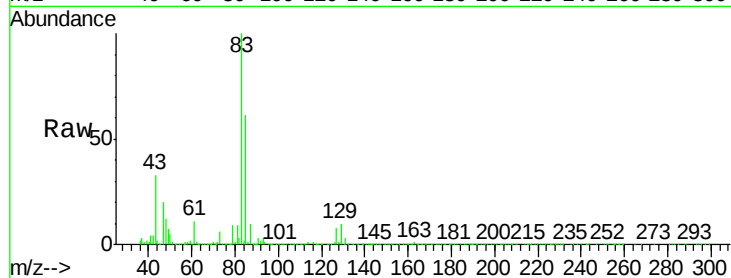
ClientSampleId :

VX0115WBS01

Tot Ion:	83	Resp:	120654
Ion Ratio	Lower	Upper	
83	100		
85	60.3	51.6	77.4
127	7.7	6.0	9.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 97.544 ug/l

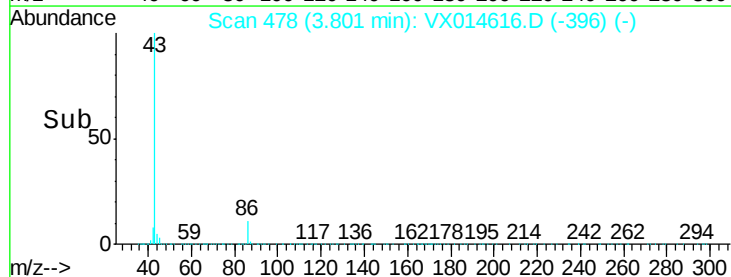
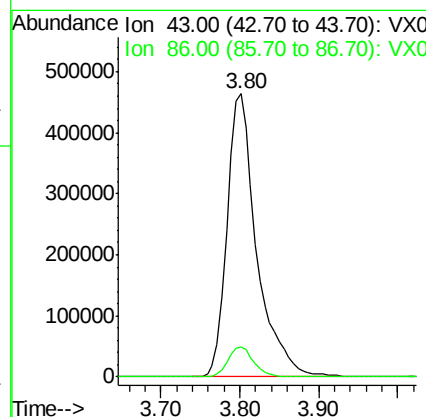
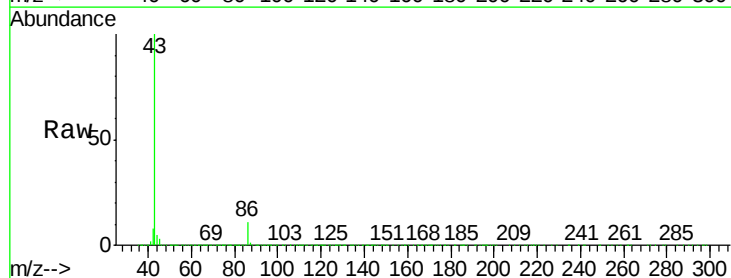
RT: 3.80 min Scan# 478

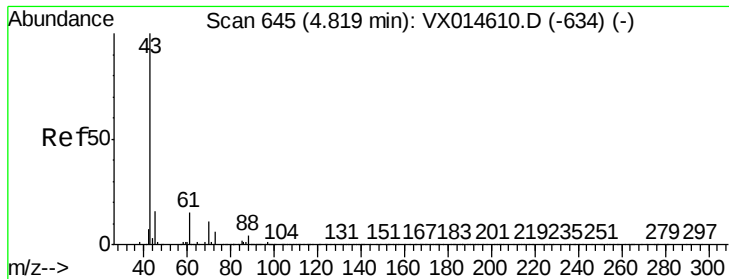
Delta R.T. 0.00 min

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

Tot Ion: 43 Resp: 134224

Ion Ratio Lower Upper

43 100

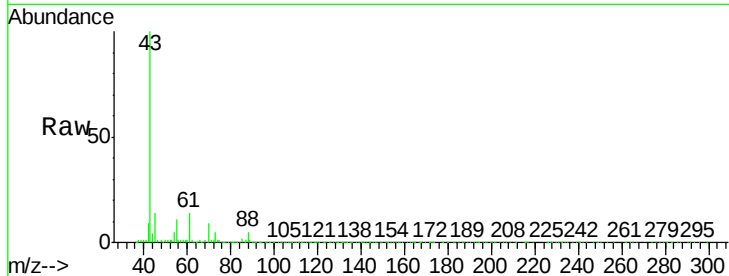
45 14.8 11.8 17.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

60000

50000

40000

30000

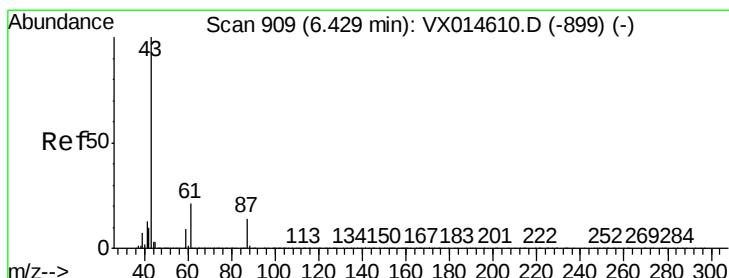
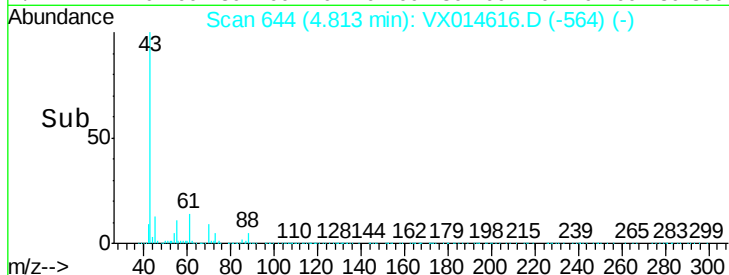
20000

10000

0

4.70 4.80 4.90

Time-->



#44

Isopropyl Acetate

Concen: 19.175 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014616.D

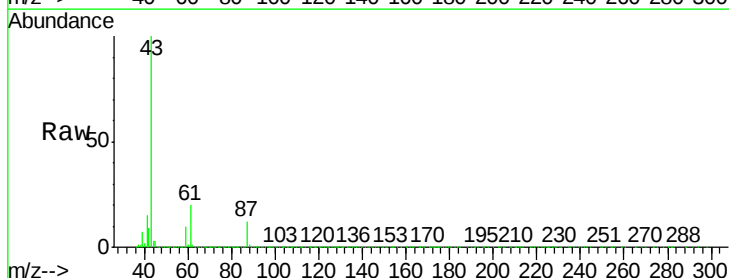
Acq: 15 Jan 2020 14:06

Tgt Ion: 43 Resp: 225357

Ion Ratio Lower Upper

43 100

61 19.9 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

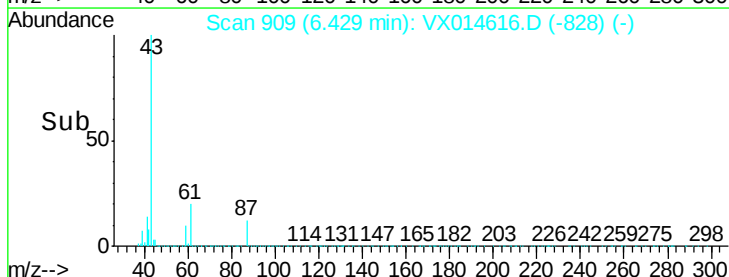
40000

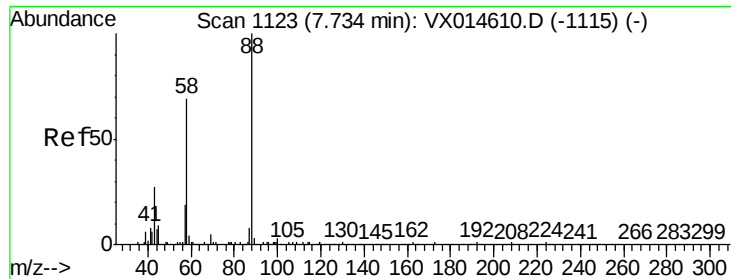
20000

0

6.40 6.50

Time-->





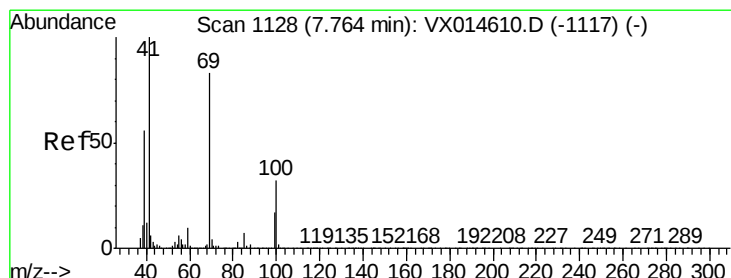
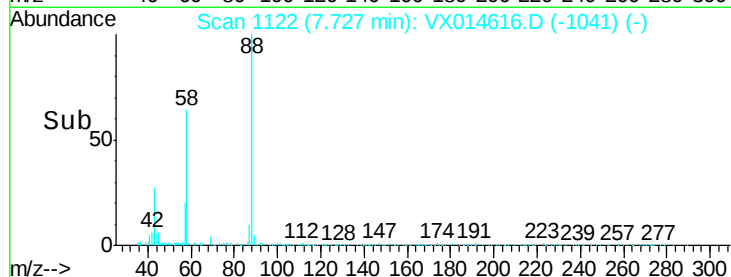
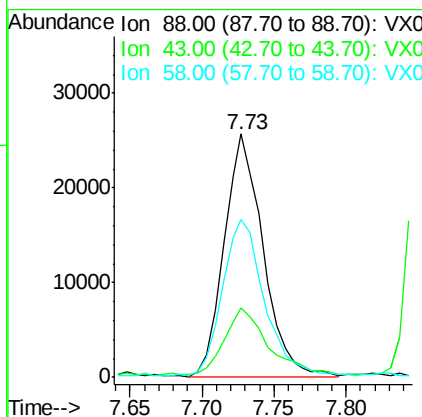
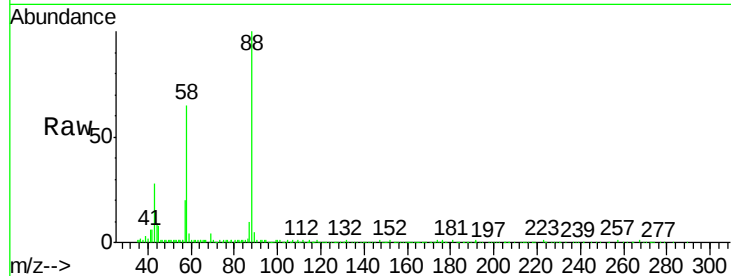
#45
1,4-Dioxane
Concen: 412.797 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	25.4	38.2
58	68.7	56.5	84.7

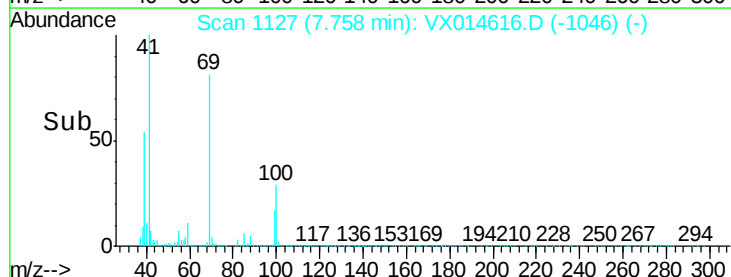
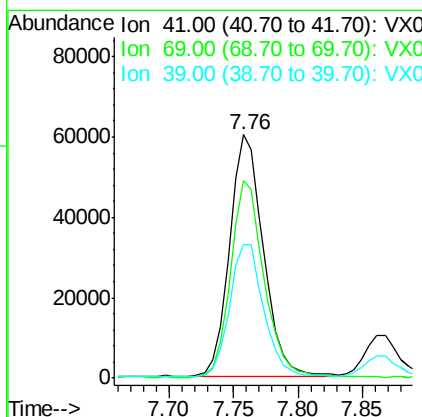
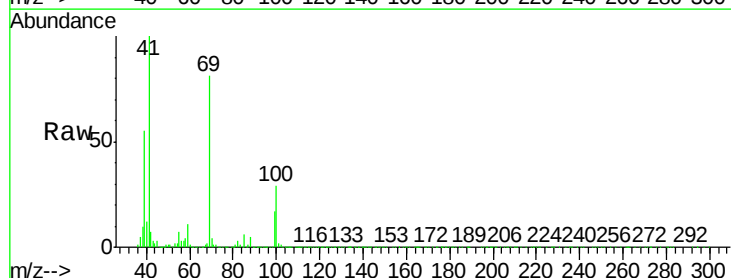
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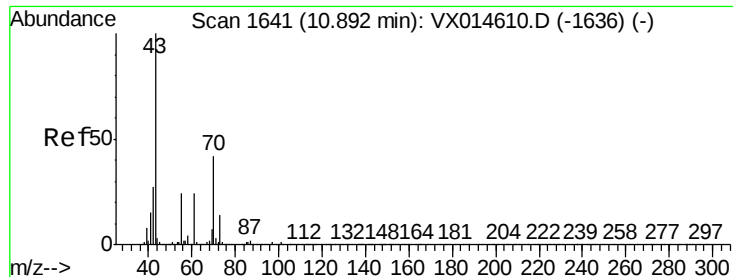
MMDadoda
1/16/2020 9:42:18 AM



#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	Ratio	Lower	Upper
41	100		
69	81.6	40.6	122.0
39	54.6	27.8	83.3





#47

n-amvl 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

ClientSampleId :

VX0115WBS01

Tot Ion: 43 Resp: 183759

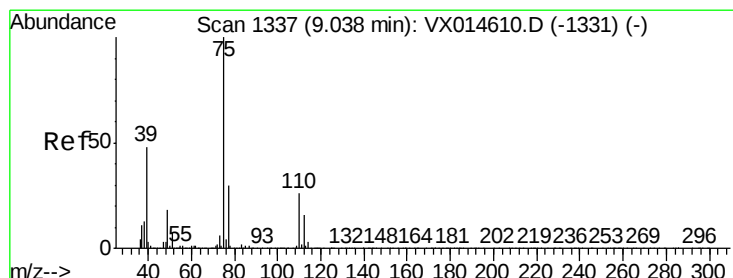
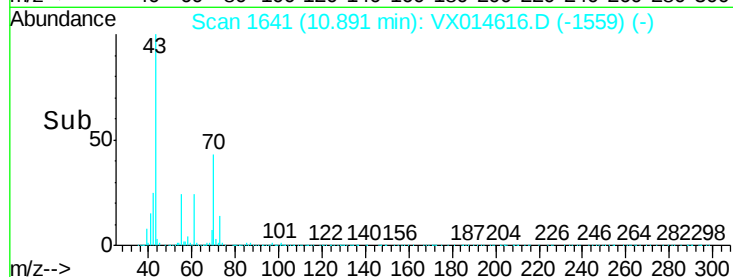
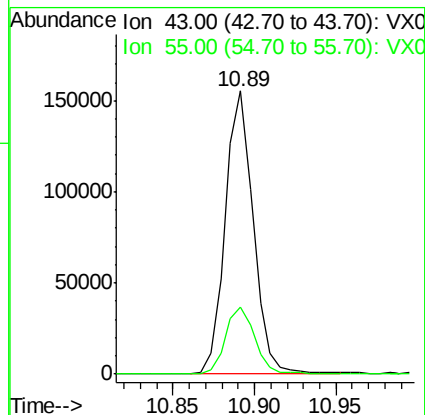
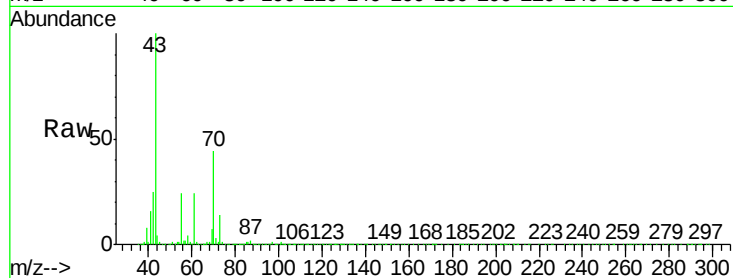
Ion Ratio Lower Upper

43 100

55 24.4 19.4 29.2

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#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

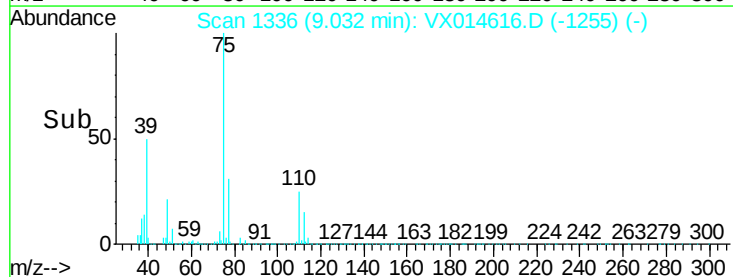
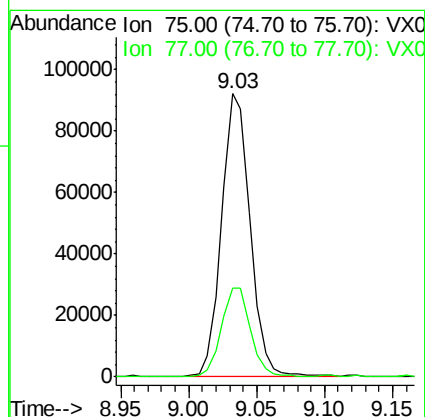
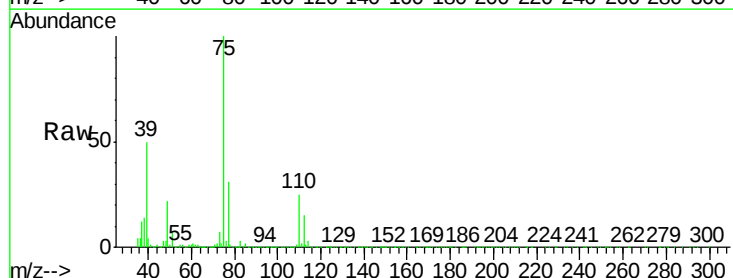
Acq: 15 Jan 2020 14:06

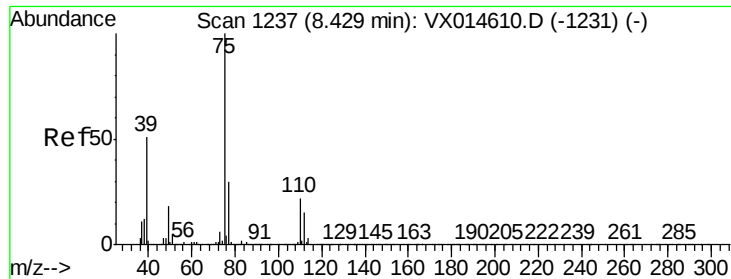
Tgt Ion: 75 Resp: 133540

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

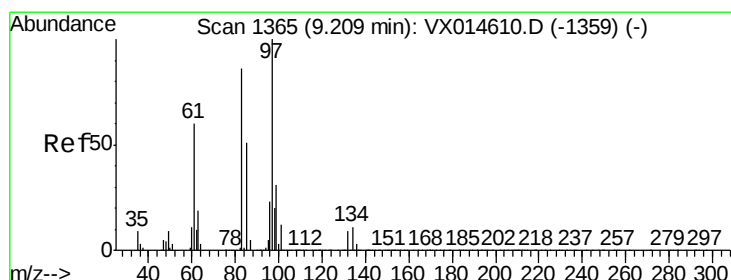
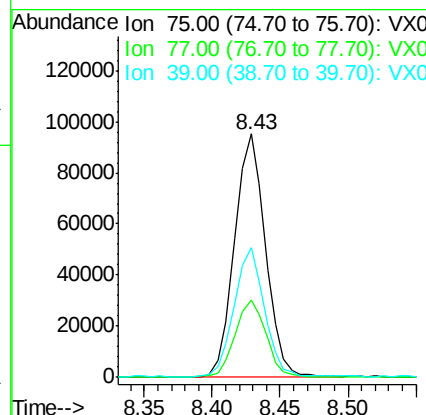
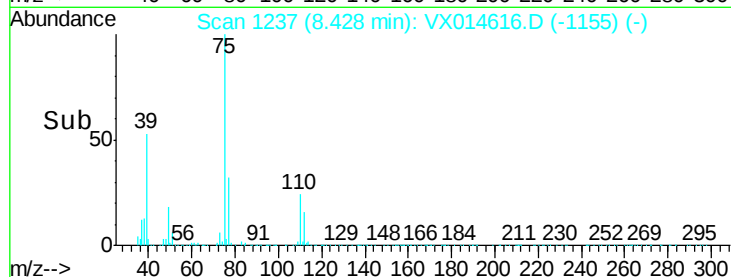
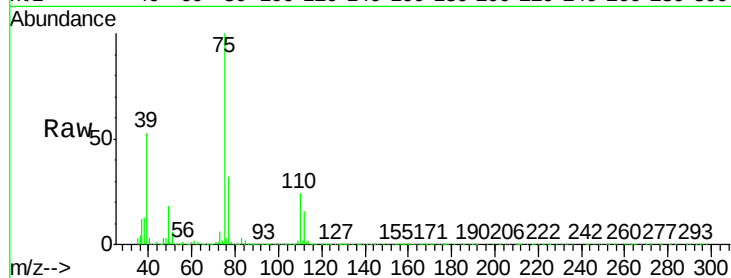
ClientSampleId :

VX0115WBS01

Tot Ion:	75	Resp:	150949
Ion Ratio	Lower	Upper	
75	100		
77	31.6	24.8	37.2
39	53.3	41.1	61.7

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#50

1,1,2-Trichloroethane

Concen: 19.400 ug/l

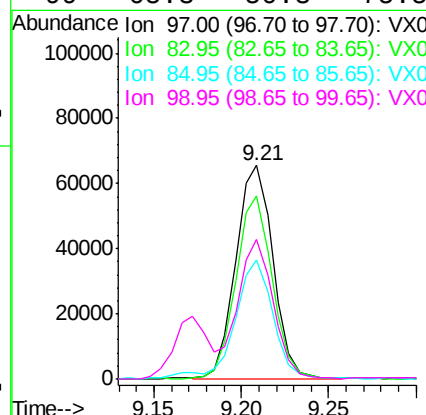
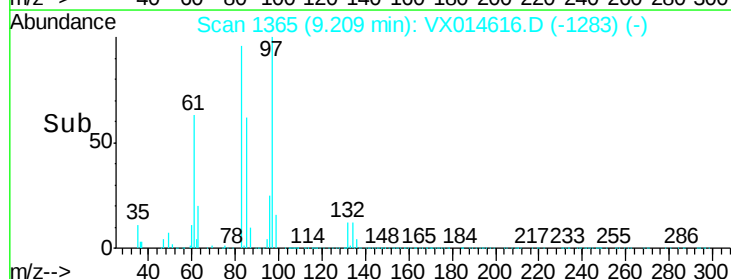
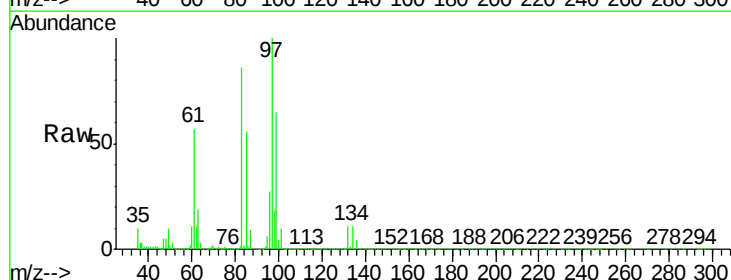
RT: 9.21 min Scan# 1365

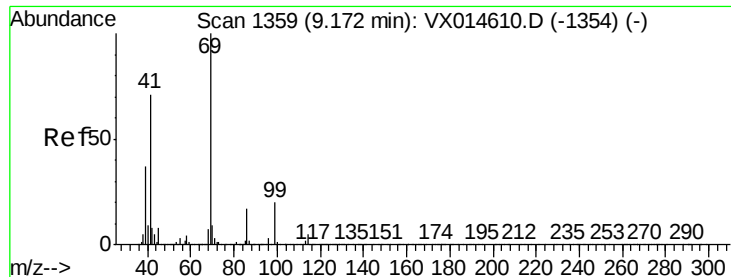
Delta R.T. 0.00 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Tgt Ion:	97	Resp:	96850
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

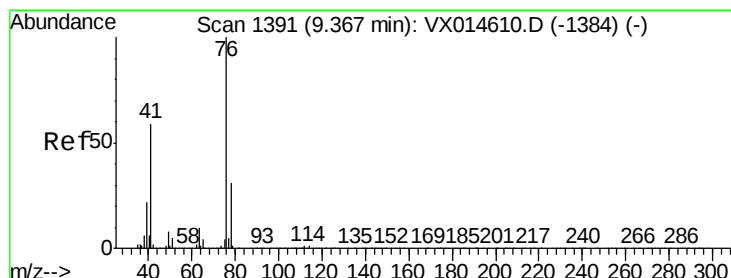
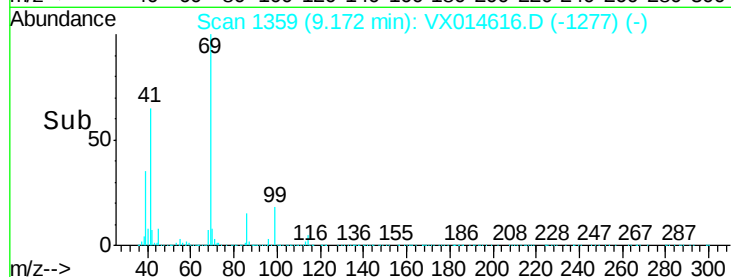
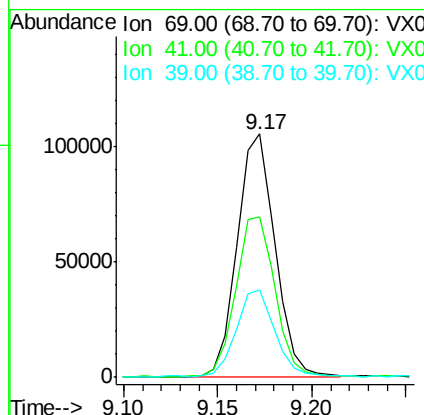
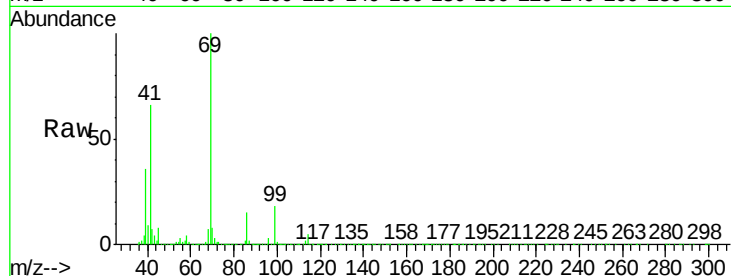
ClientSampleId :

VX0115WBS01

Tot Ion:	69	Resp:	146639
Ion	Ratio	Lower	Upper
69	100		
41	65.2	35.4	106.1
39	35.8	17.8	53.3

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#52

1,3-Dichloropropane

Concen: 19.163 ug/l

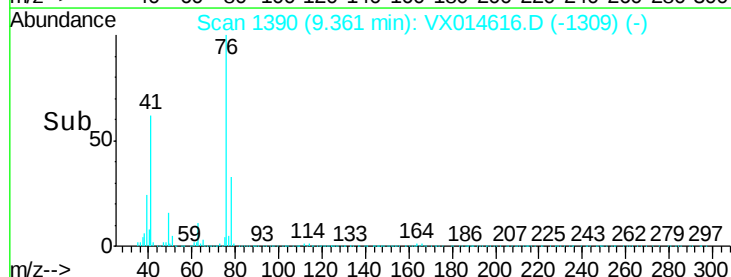
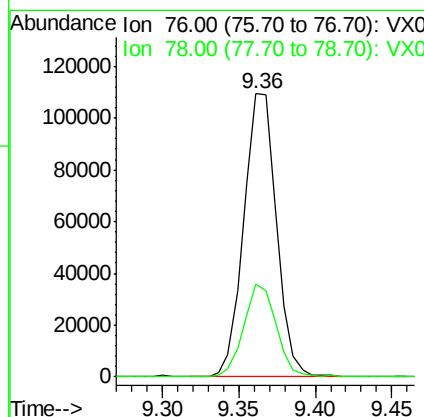
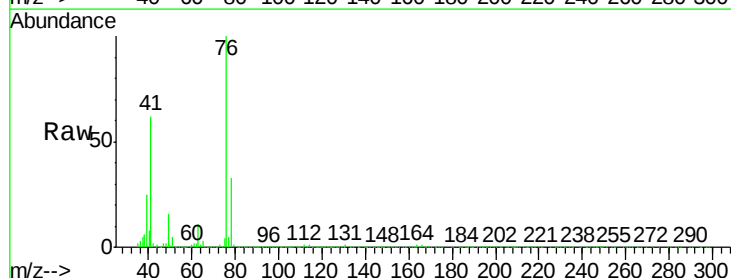
RT: 9.36 min Scan# 1390

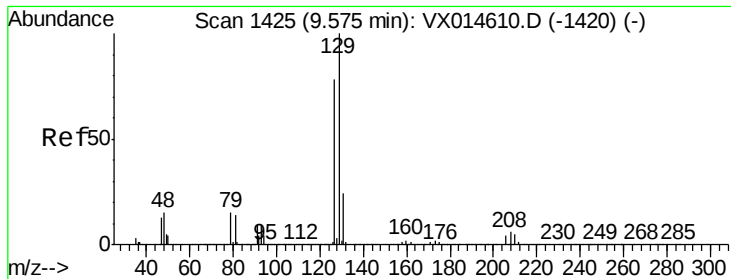
Delta R.T. -0.01 min

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





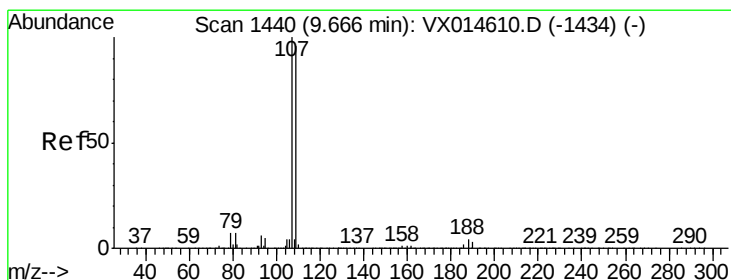
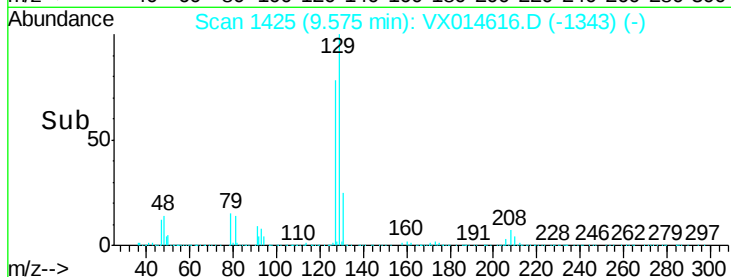
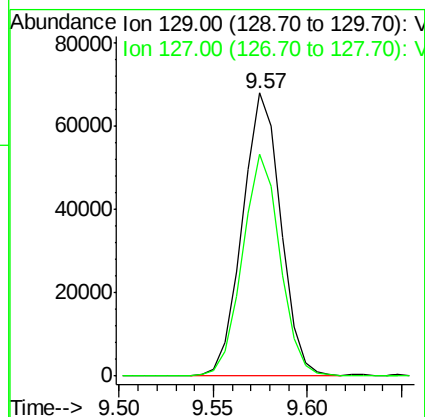
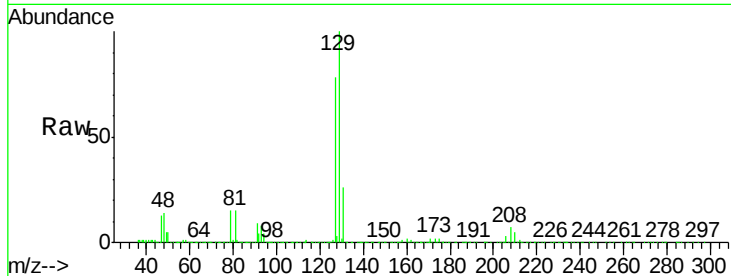
#53
Dibromochloromethane
Concen: 18.793 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		95965		
127	77.3	39.1	117.5		

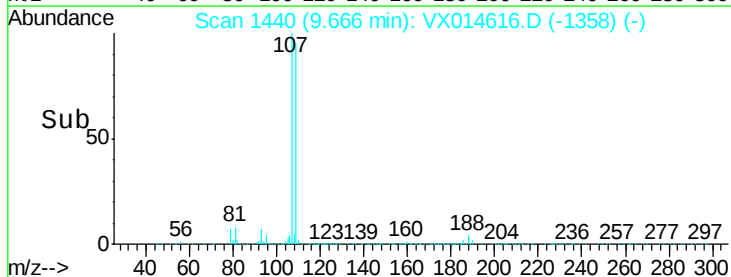
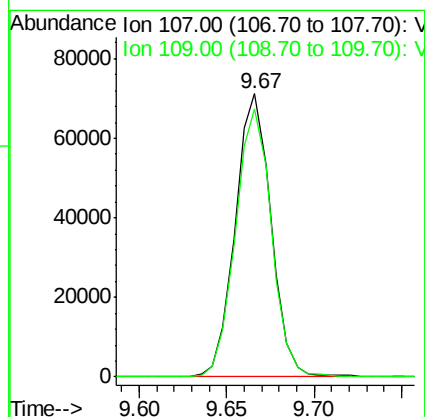
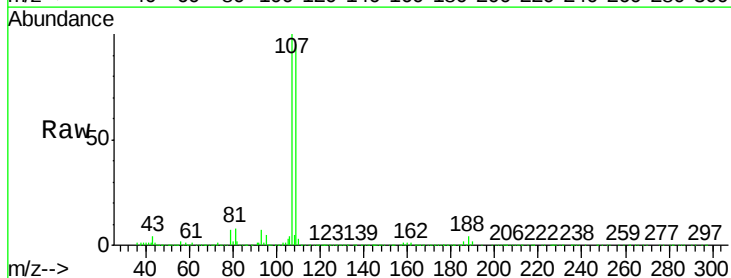
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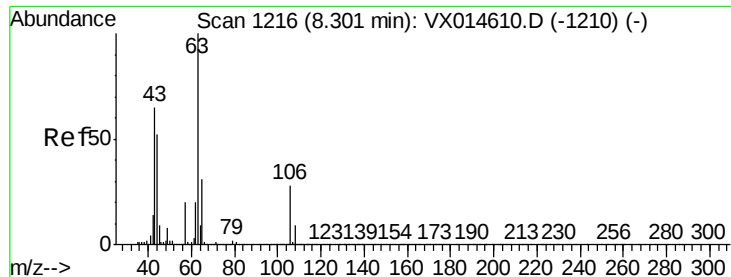
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#54
1,2-Dibromoethane
Concen: 19.514 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		101033		
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

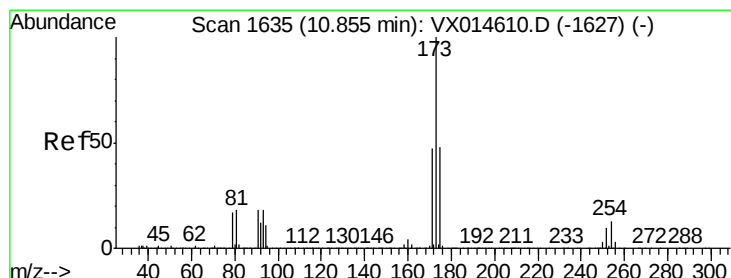
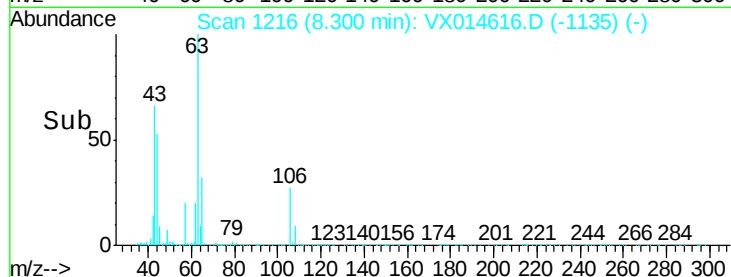
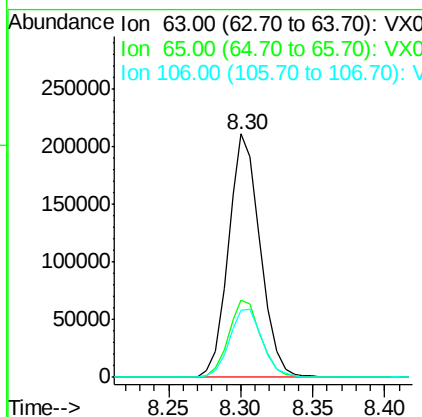
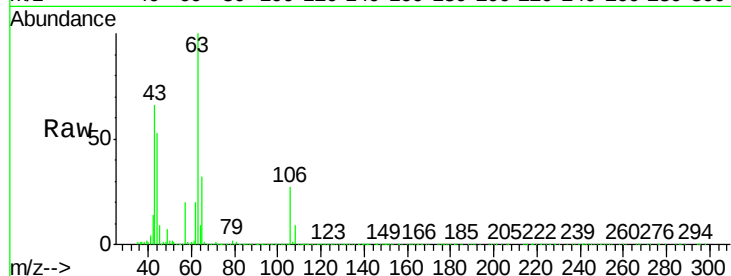
ClientSampleId :

VX0115WBS01

Tot Ion:	63	Resp:	321943
Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.8	38.6
106	29.2	22.9	34.3

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#56

Bromoform

Concen: 18.184 ug/l

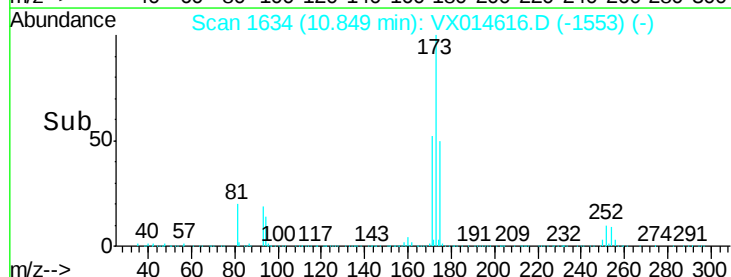
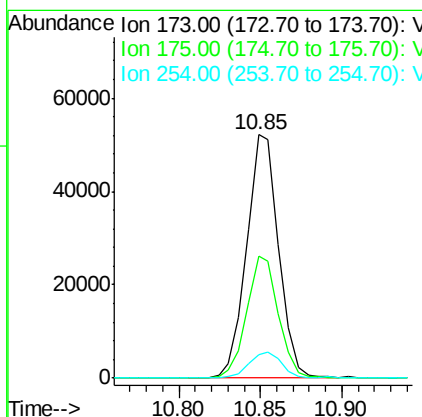
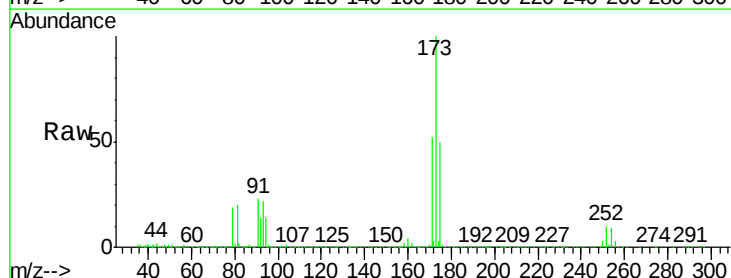
RT: 10.85 min Scan# 1634

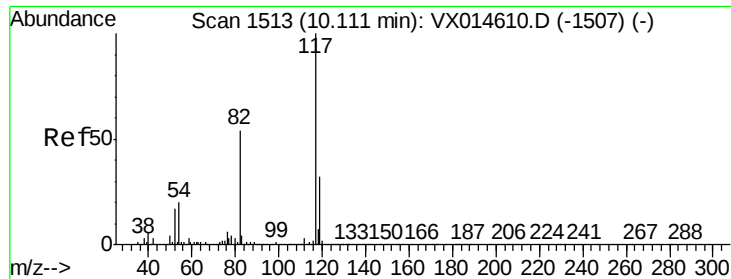
Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Tgt Ion:	173	Resp:	71523
Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.5	59.3
254	10.8	8.2	12.4





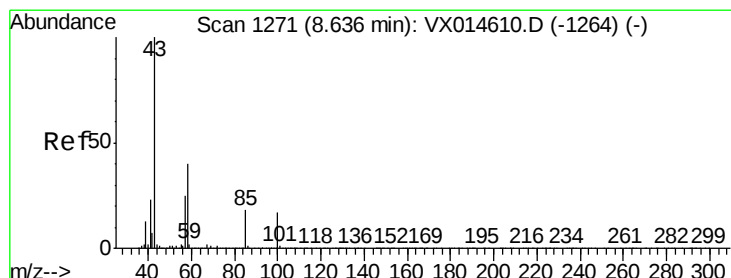
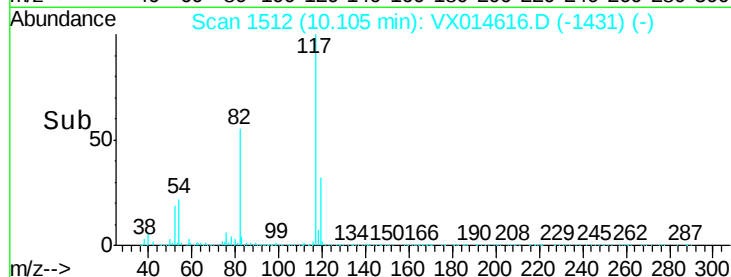
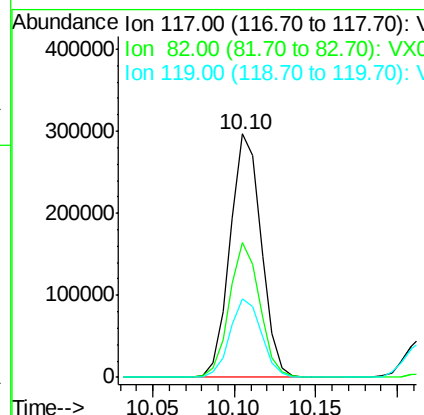
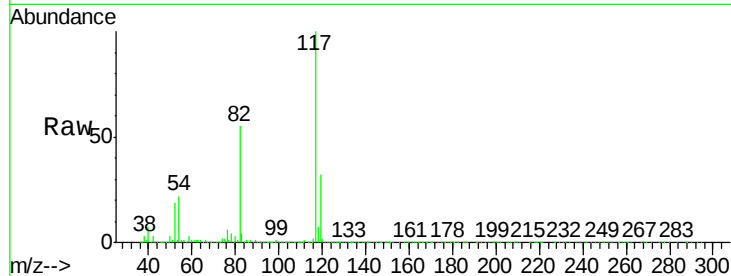
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

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

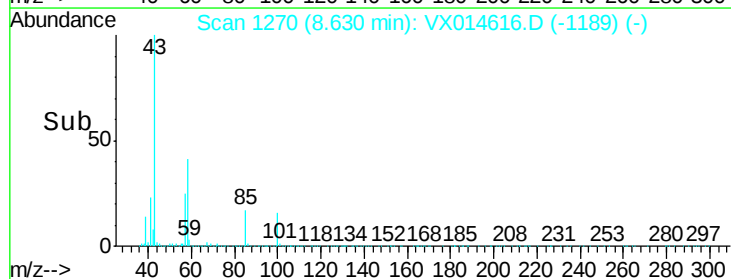
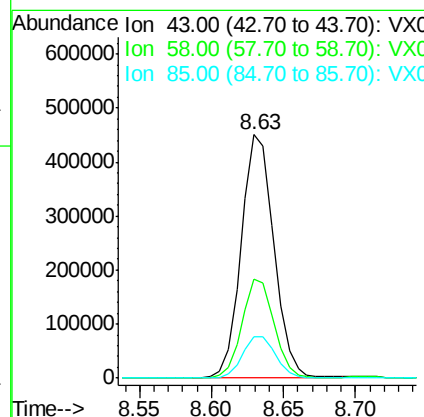
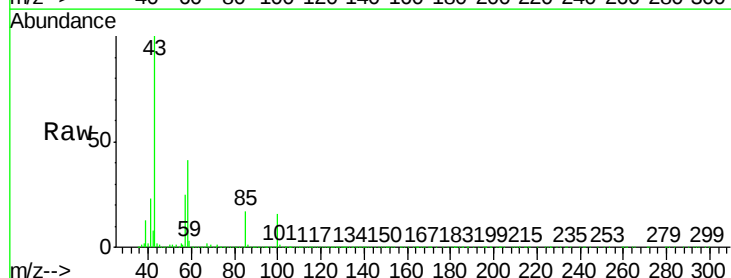
Manual Integrations
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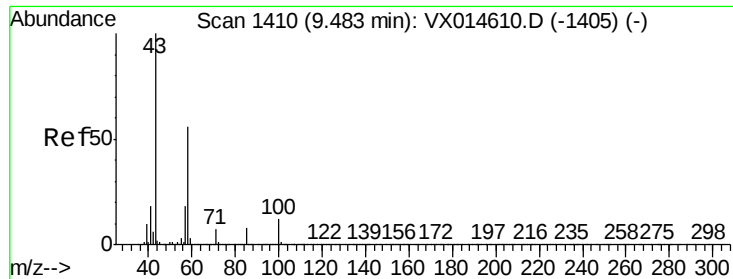
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 95.284 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

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





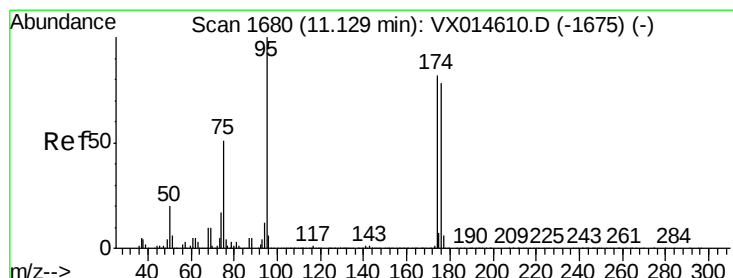
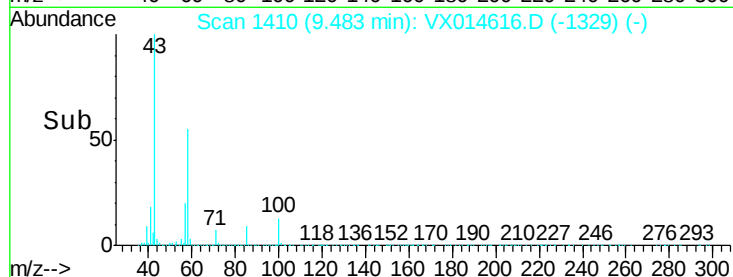
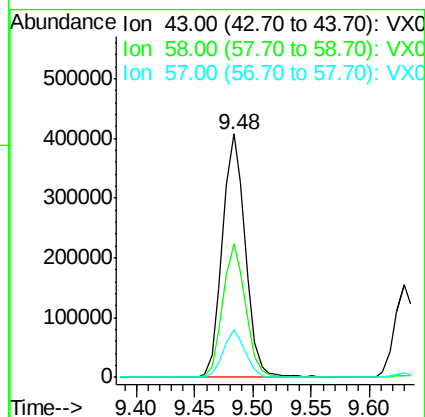
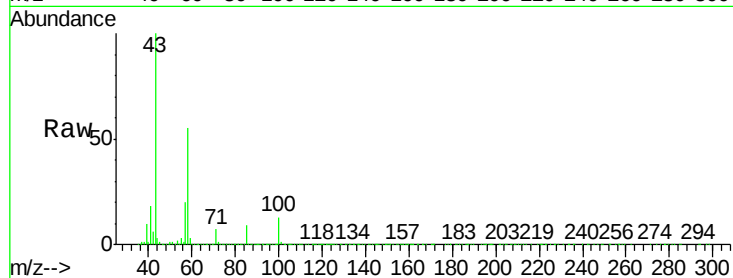
#59
2-Hexanone
Concen: 96.140 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.6	43.8	65.6
57	18.7	15.4	23.0

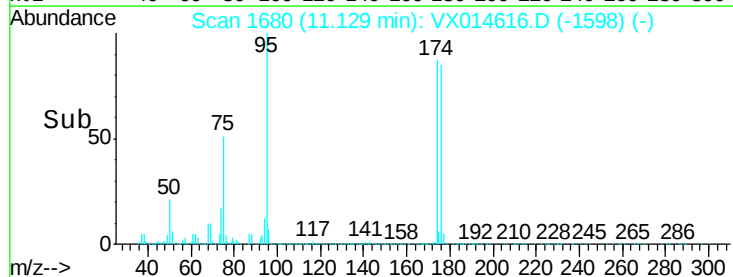
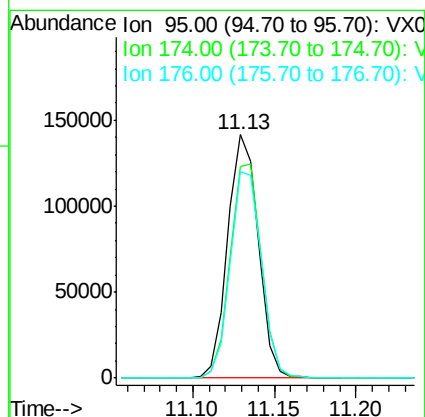
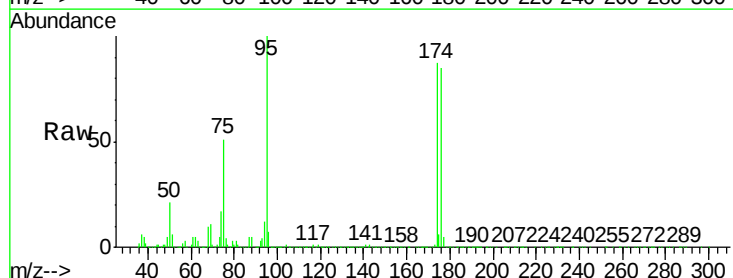
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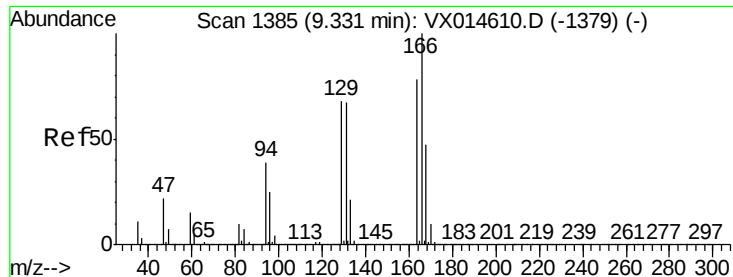
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.167 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion	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

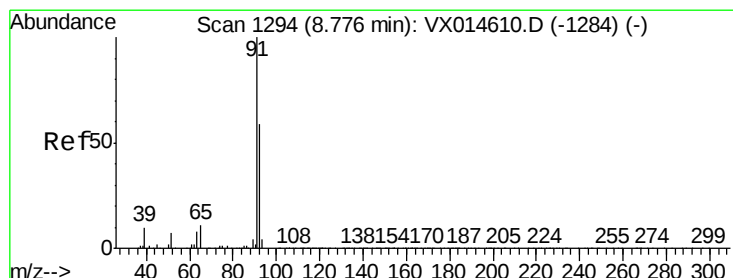
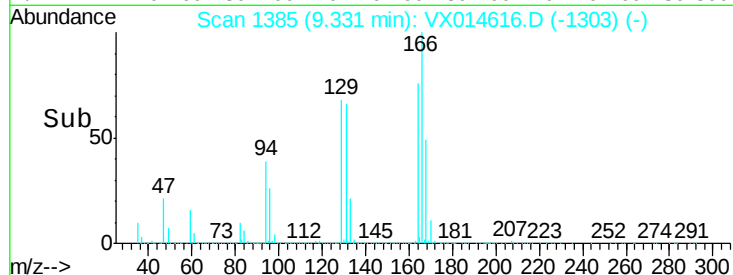
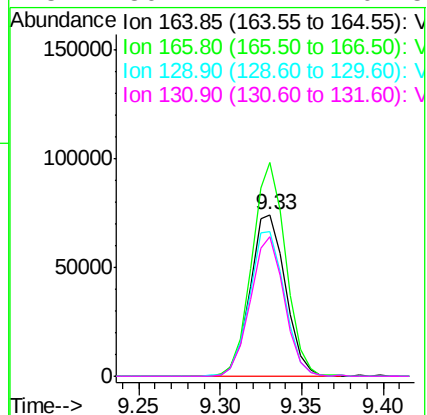
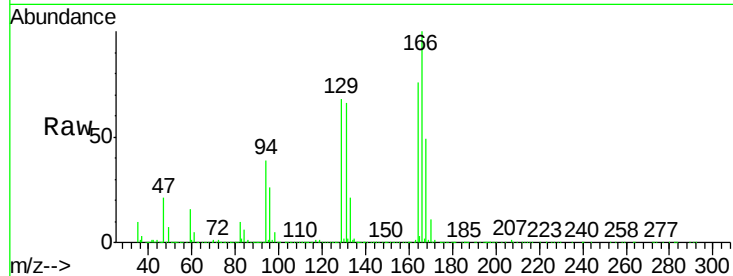
ClientSampleId :

VX0115WBS01

Tot 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

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#62

Toluene

Concen: 19.345 ug/l

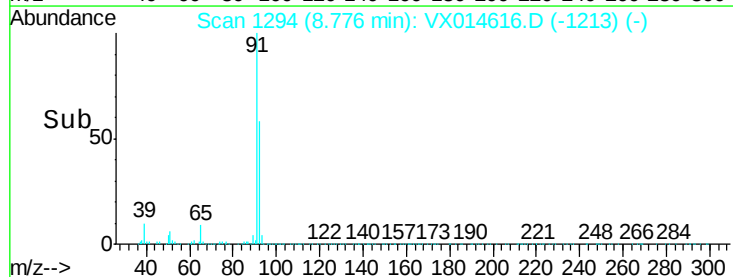
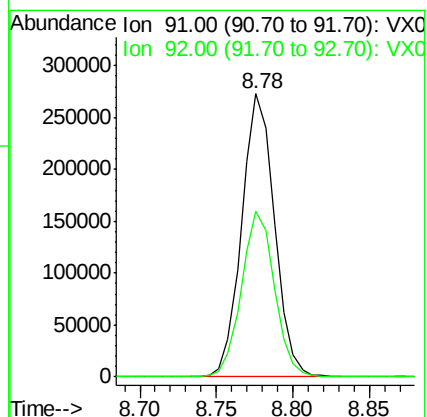
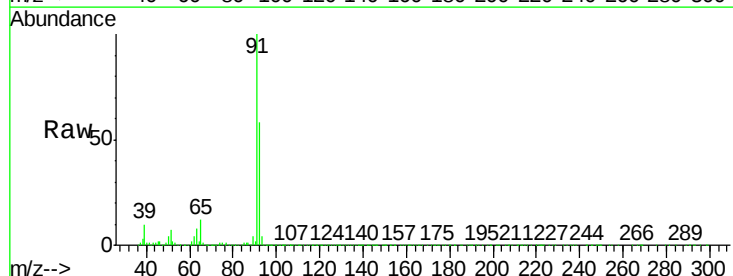
RT: 8.78 min Scan# 1294

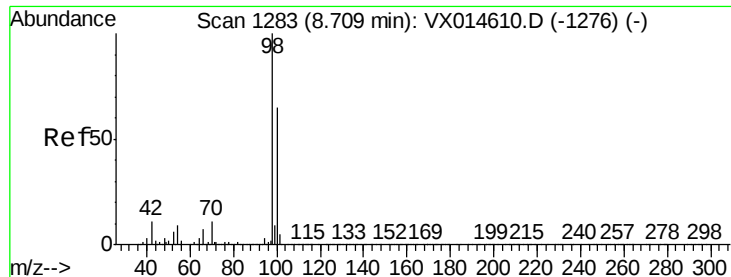
Delta R.T. -0.01 min

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





#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

Tot Ion: 98 Resp: 533553

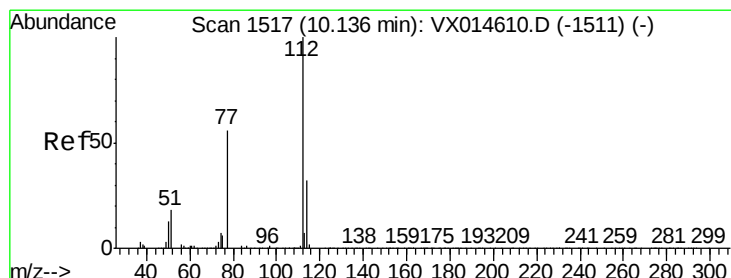
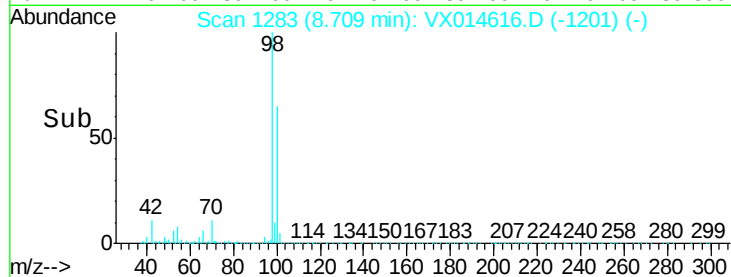
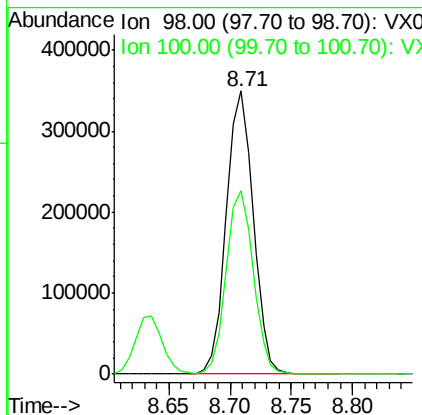
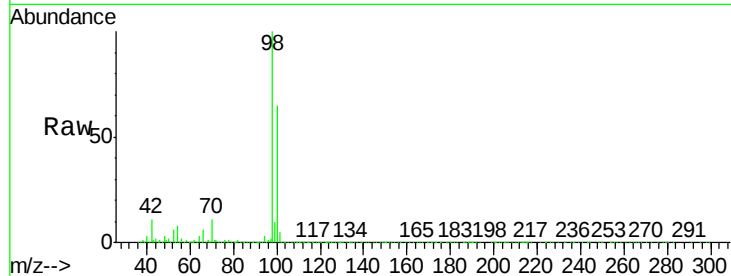
Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2

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#64

Chlorobenzene

Concen: 19.417 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014616.D

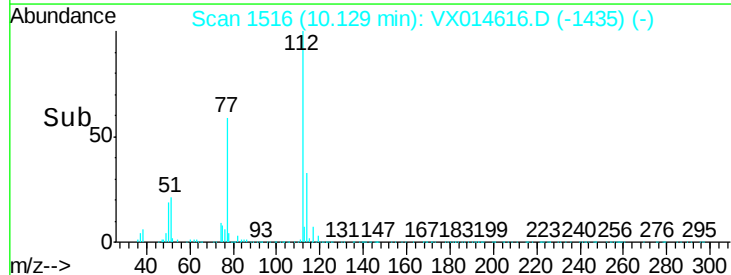
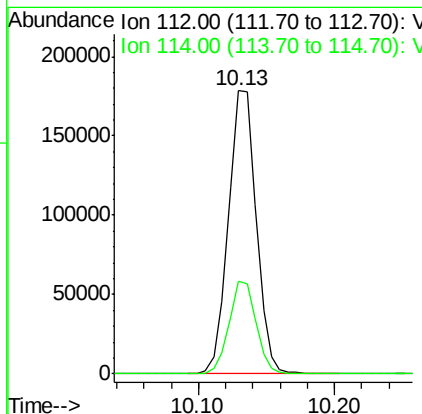
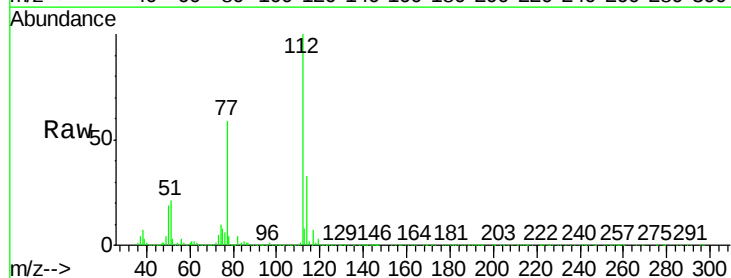
Acq: 15 Jan 2020 14:06

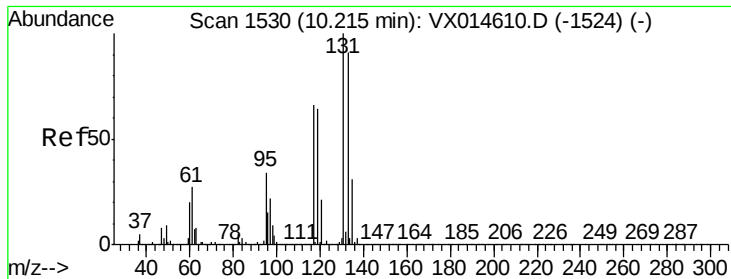
Tgt Ion: 112 Resp: 254295

Ion Ratio Lower Upper

112 100

114 32.9 24.4 36.6





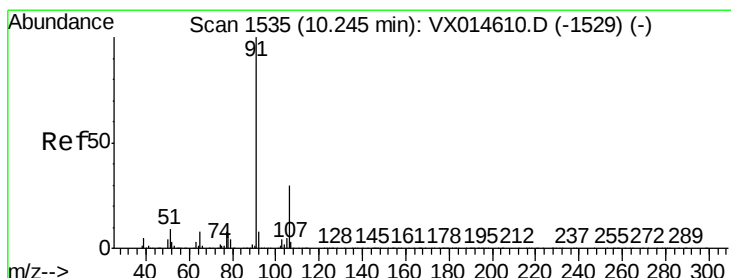
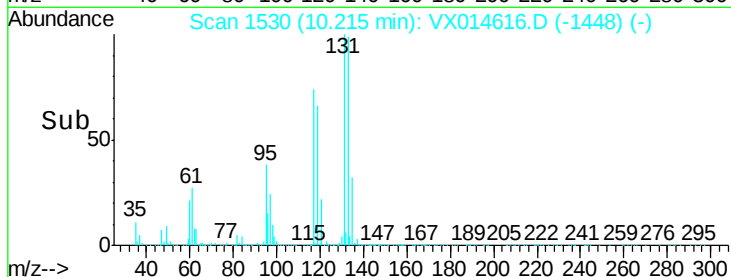
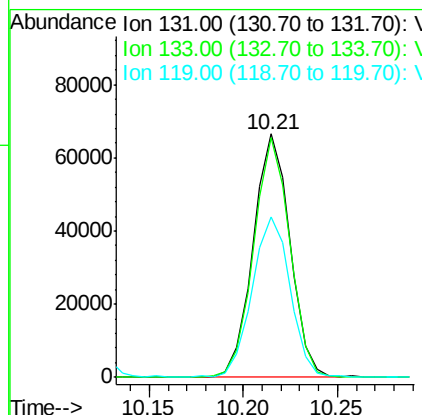
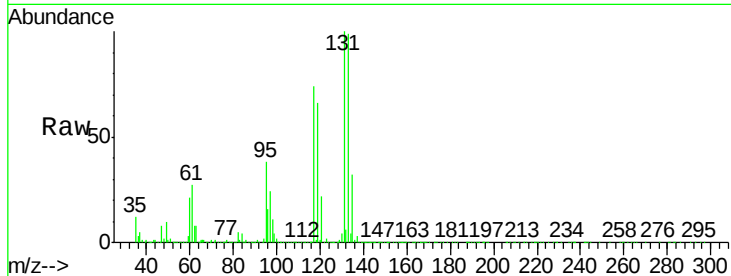
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.680 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.6	0.0	189.8
119	67.0	0.0	132.2

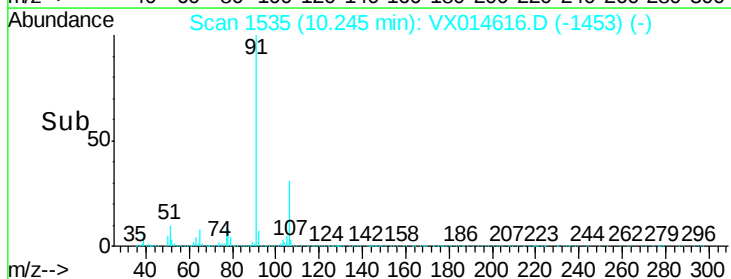
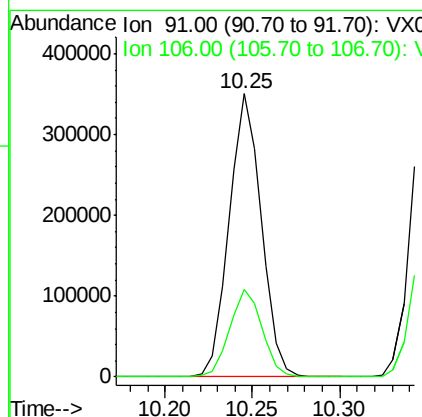
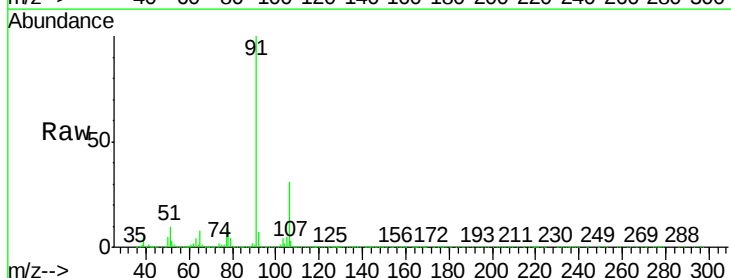
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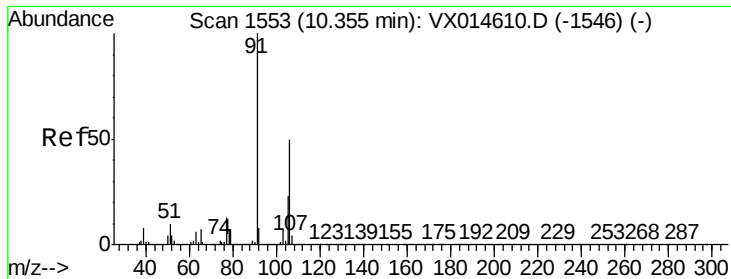
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#66
 Ethyl Benzene
 Concen: 19.571 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.2	36.2





#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

Tot Ion:106 Resp: 338313

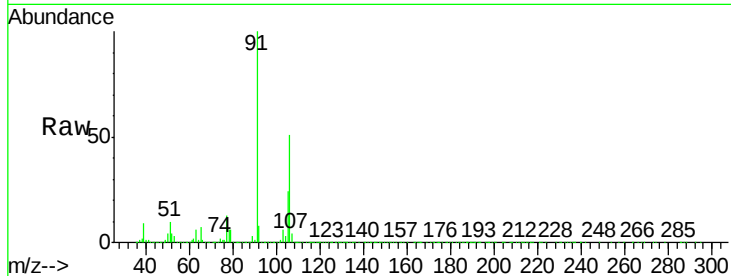
Ion Ratio Lower Upper

106 100

91 200.4 159.3 238.9

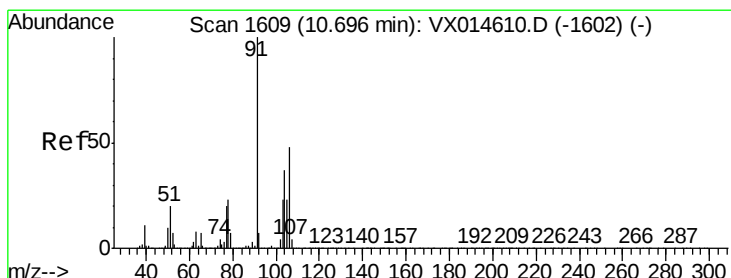
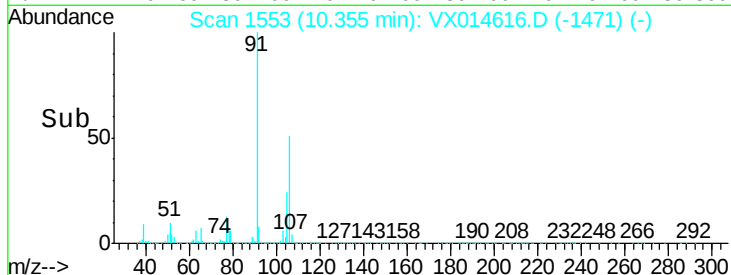
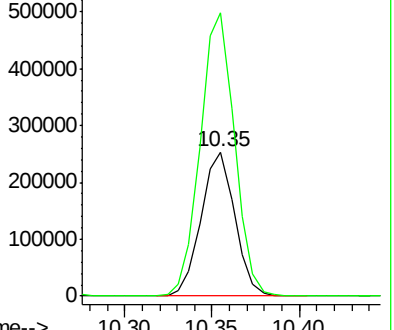
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Abundance Ion 106.00 (105.70 to 106.70): V

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

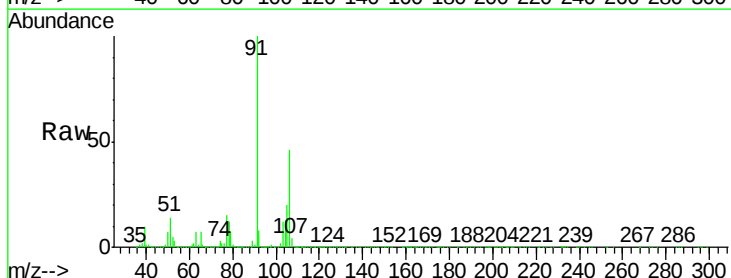
Acq: 15 Jan 2020 14:06

Tgt Ion:106 Resp: 161551

Ion Ratio Lower Upper

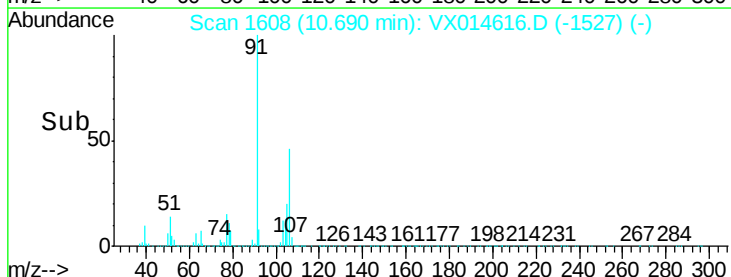
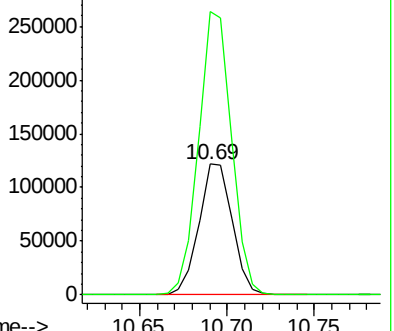
106 100

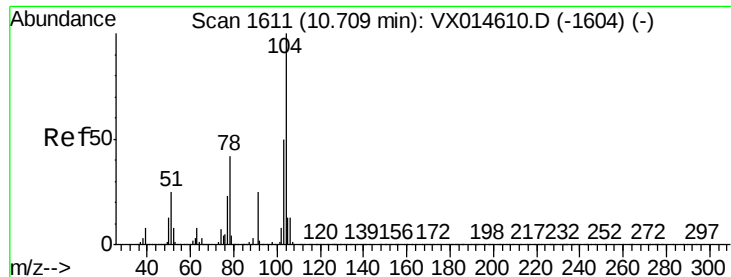
91 213.3 104.8 314.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





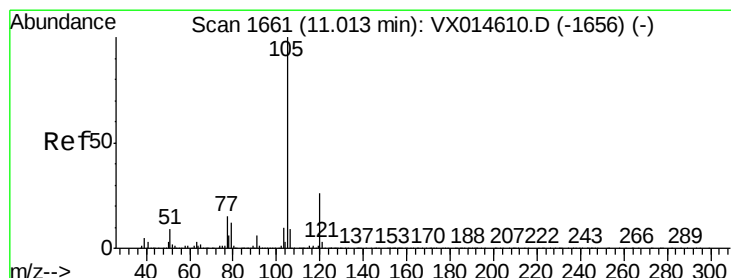
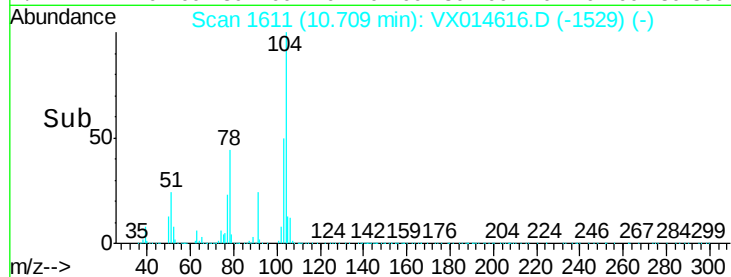
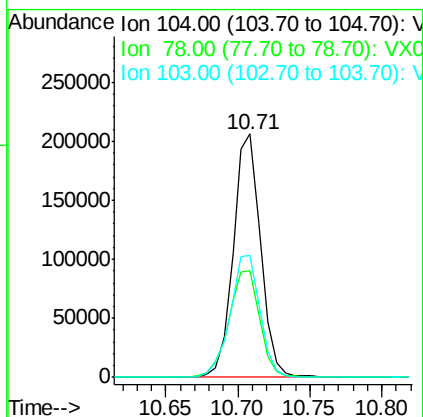
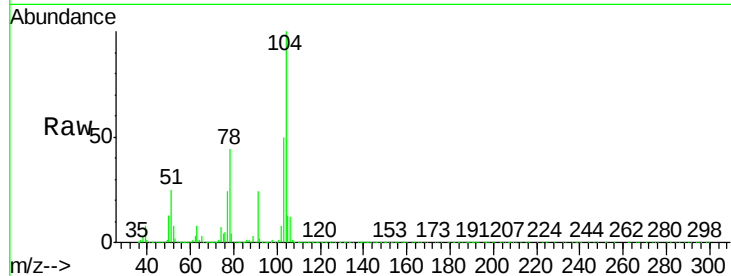
#69
Stvrene
Concen: 18.836 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.2	38.9	58.3
103	55.1	44.2	66.2

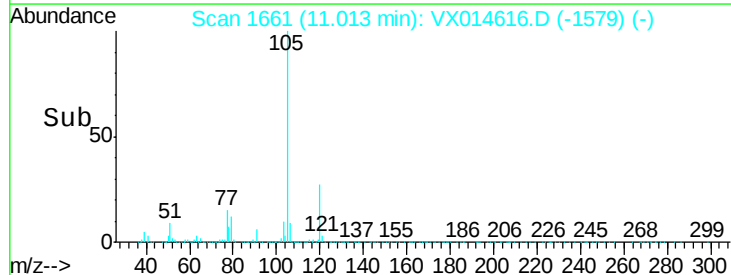
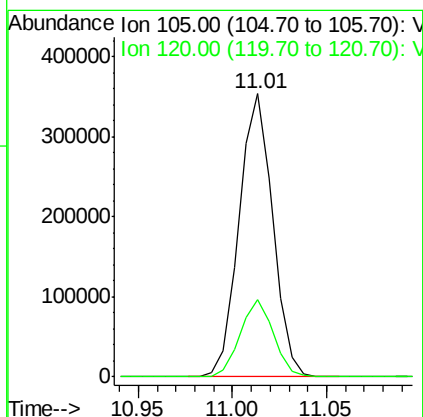
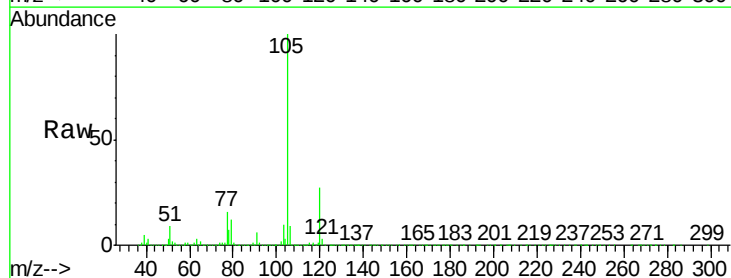
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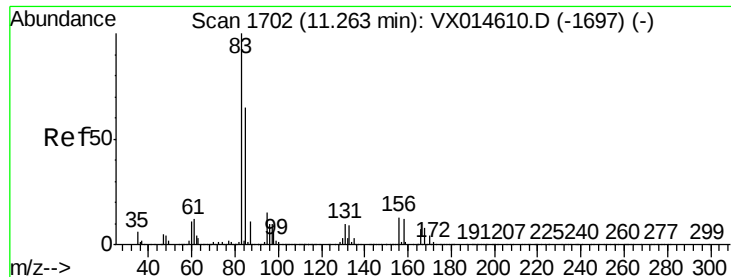
MMDadoda
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#70
Isopropylbenzene
Concen: 19.616 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion	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

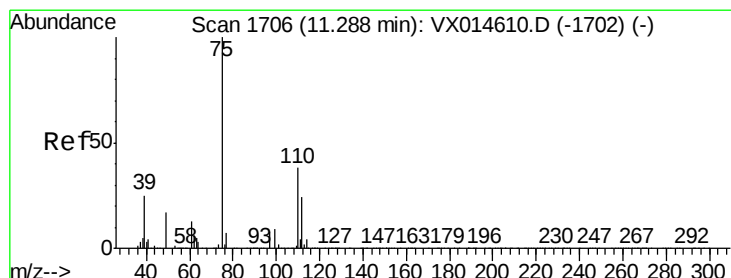
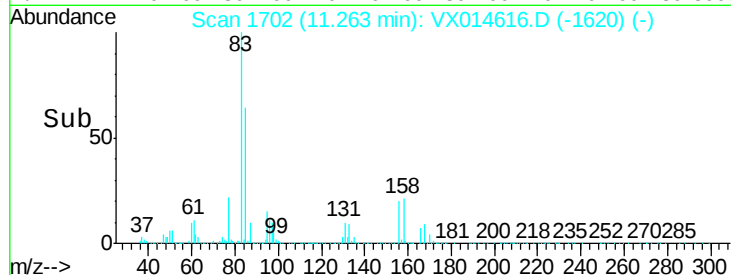
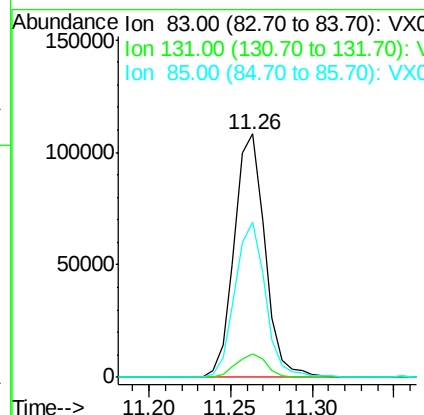
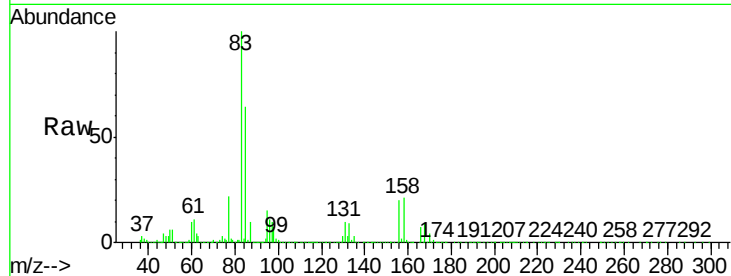
ClientSampleId :

VX0115WBS01

Tot Ion:	83	Resp:	141601
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	63.5	31.6	94.7

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 18.816 ug/l m

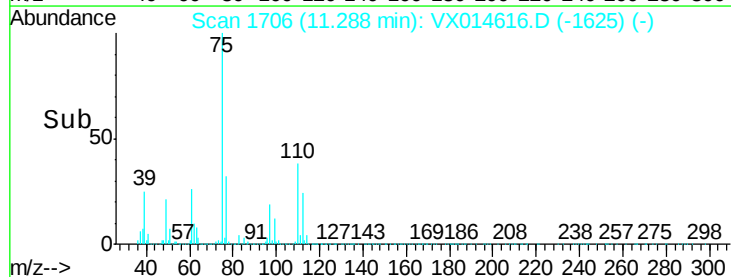
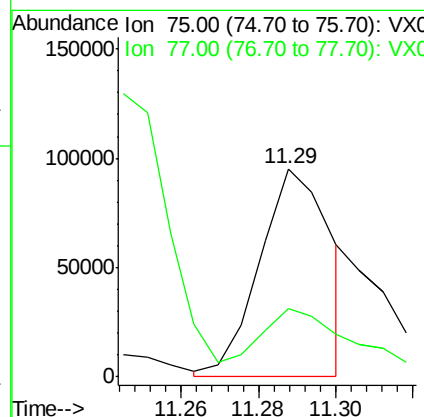
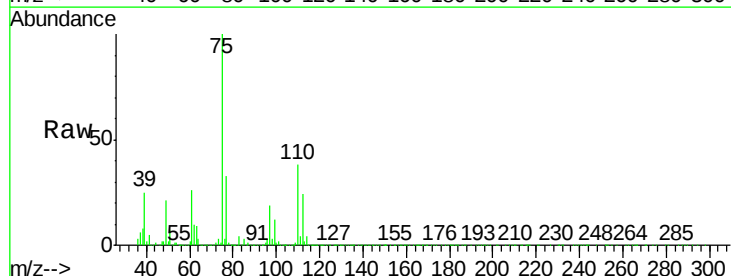
RT: 11.29 min Scan# 1706

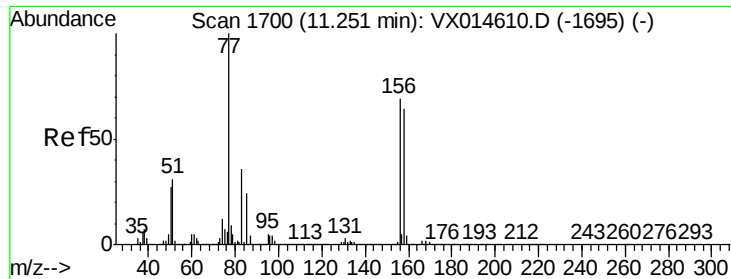
Delta R.T. -0.01 min

Lab File: VX014616.D

Acq: 15 Jan 2020 14:06

Tgt Ion:	75	Resp:	121057
Ion Ratio	Lower	Upper	
75	100		
77	43.6	0.0	68.4





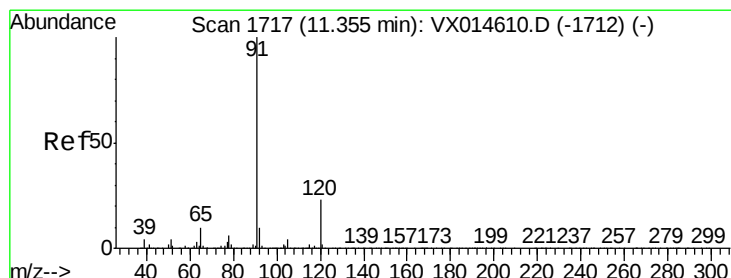
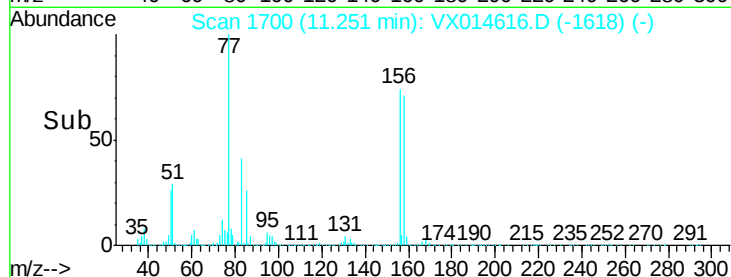
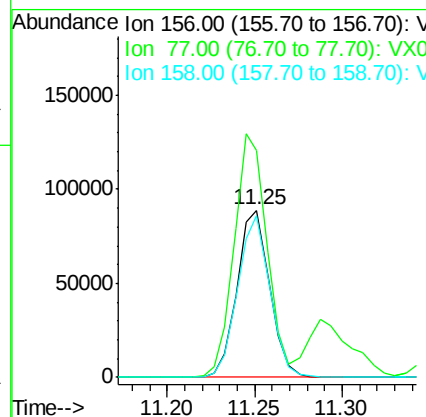
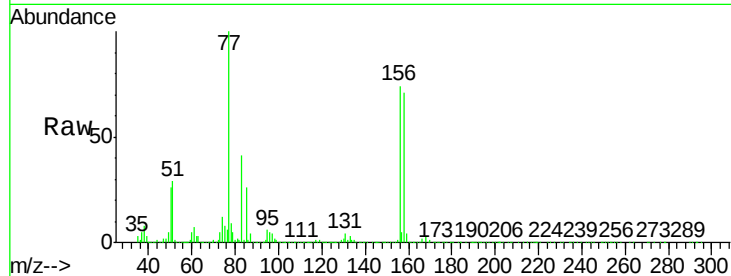
#73
Bromobenzene
Concen: 19.362 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

Tot Ion	Ratio	Resp	Lower	Upper
156	100	114607		
77	146.0	0.0	304.6	
158	95.9	0.0	195.2	

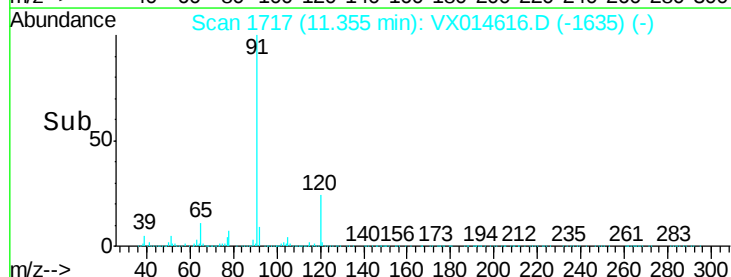
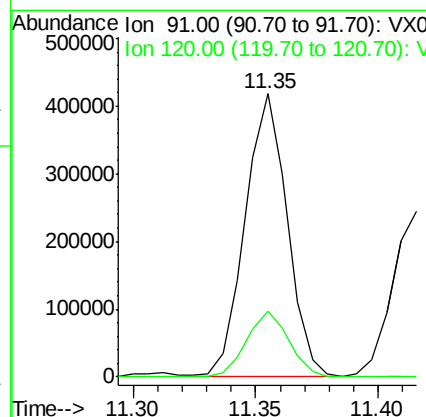
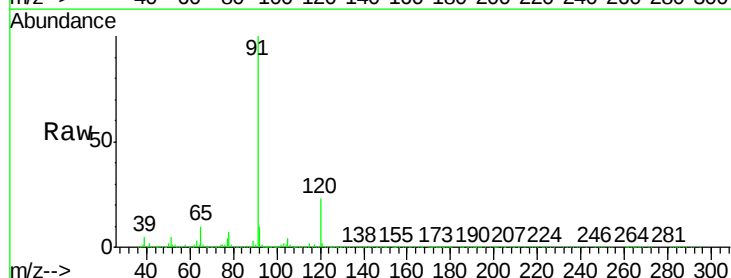
Manual Integrations
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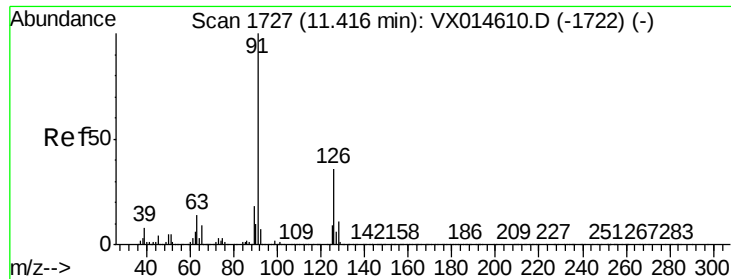
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#74
n-propylbenzene
Concen: 19.528 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	498265		
120	23.0	0.0	44.8	





#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

Tot Ion: 91 Resp: 297568

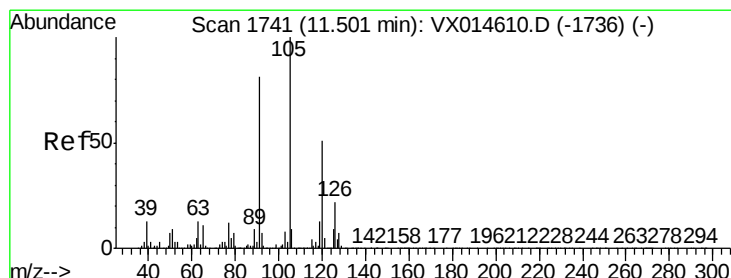
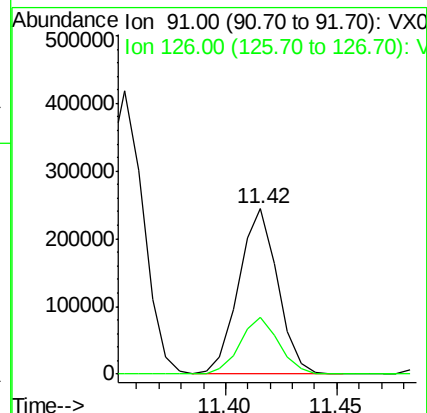
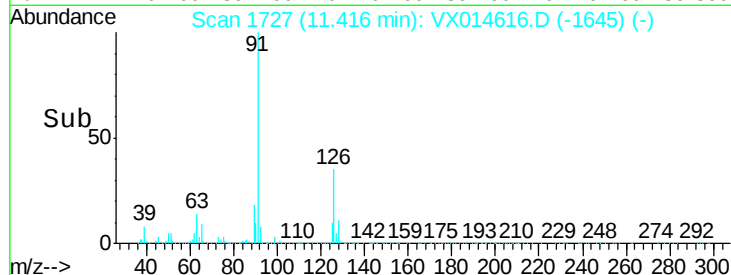
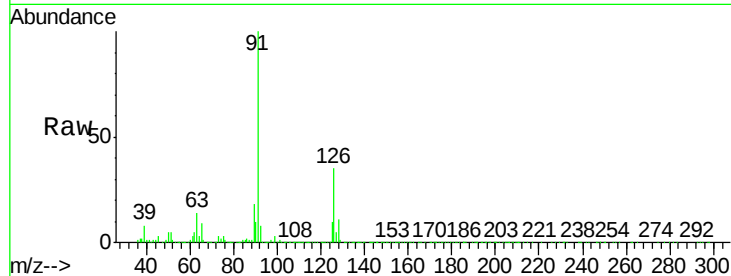
Ion Ratio Lower Upper

91 100

126 34.3 0.0 70.8

Manual Integrations
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#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

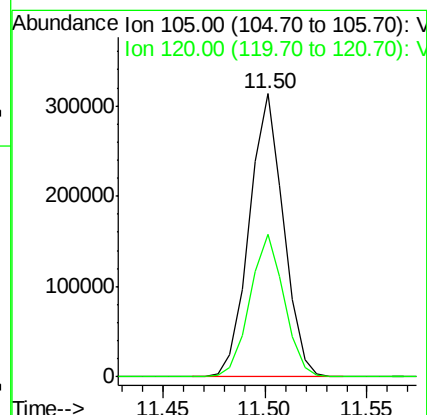
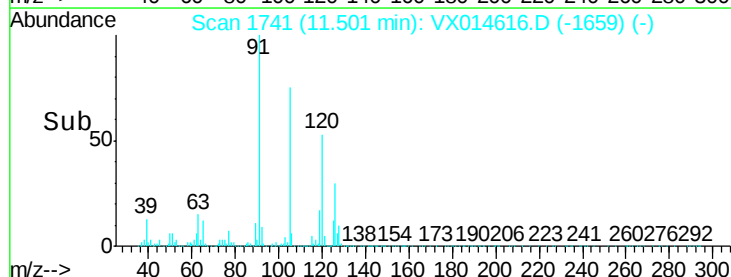
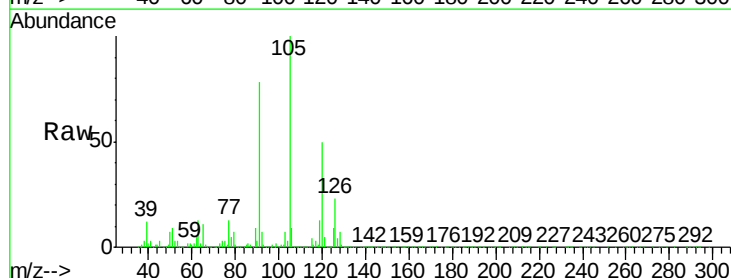
Acq: 15 Jan 2020 14:06

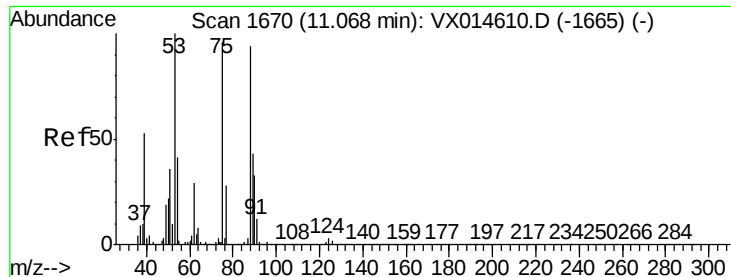
Tgt Ion: 105 Resp: 363836

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

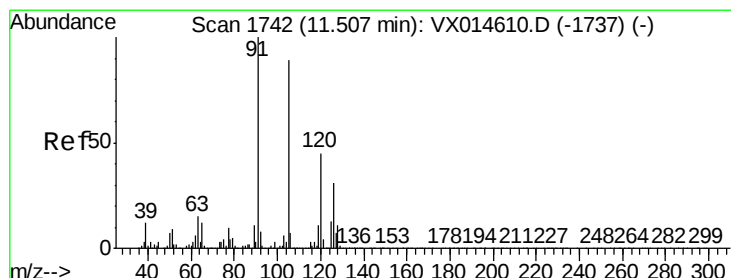
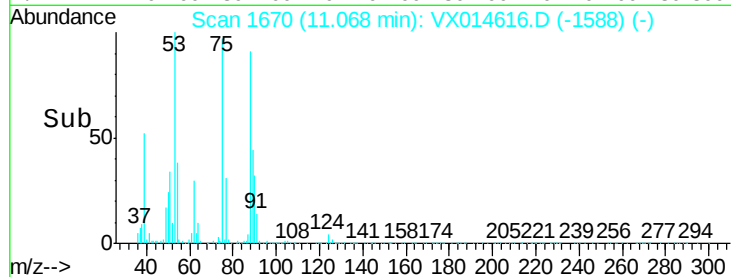
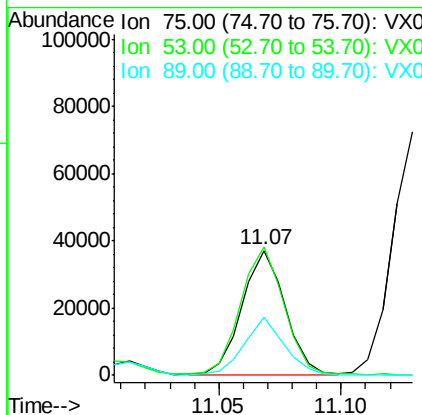
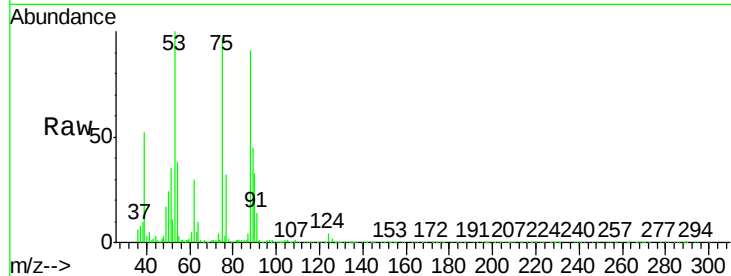
ClientSampleId :

VX0115WBS01

Tot Ion:	75	Resp:	45388
Ion Ratio	Lower	Upper	
75	100		
53	103.0	54.4	163.1
89	46.0	21.9	65.5

Manual Integrations
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#78

4-Chlorotoluene

Concen: 19.359 ug/l

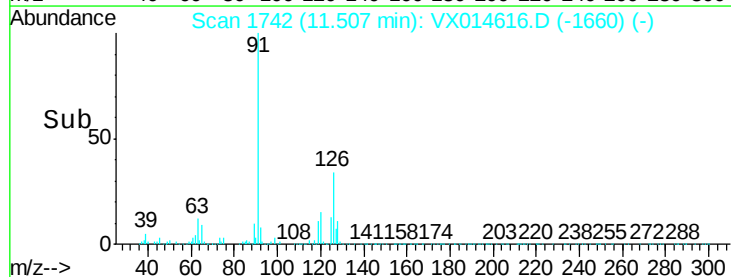
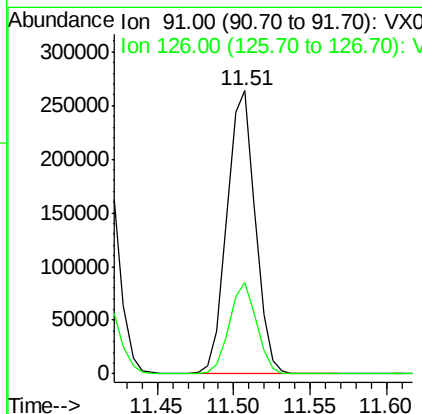
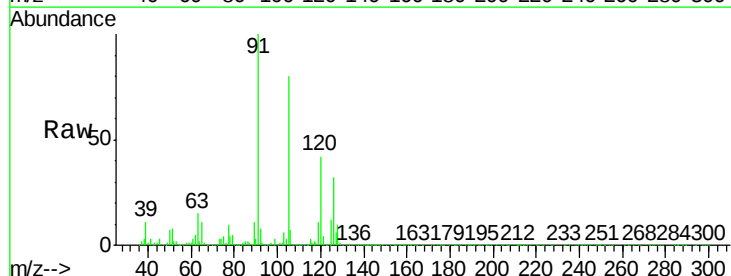
RT: 11.51 min Scan# 1742

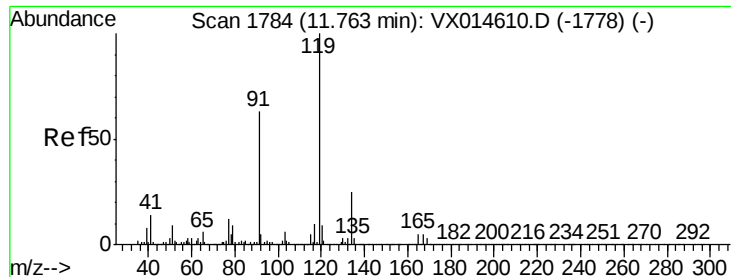
Delta R.T. 0.00 min

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

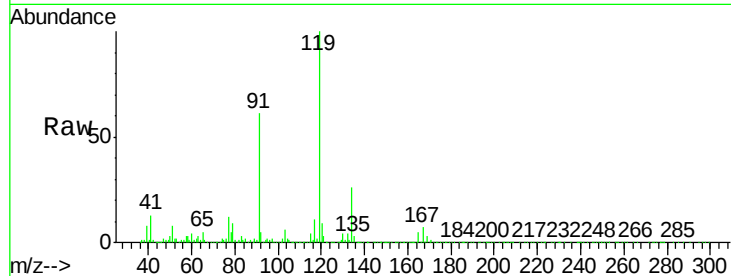
ClientSampleId :

VX0115WBS01

Tot Ion:	119	Resp:	343064
Ion Ratio	Lower	Upper	
119	100		
91	58.0	0.0	112.6
134	25.0	0.0	49.8

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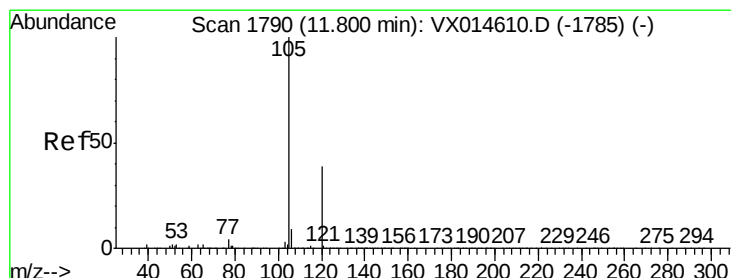
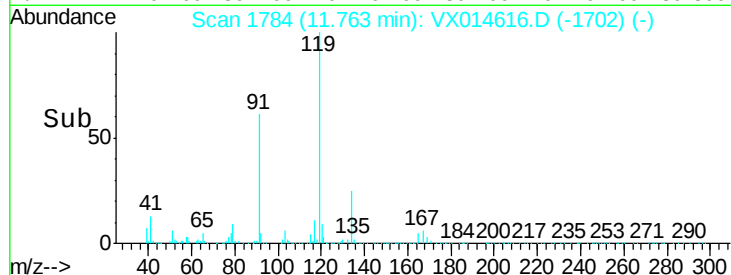
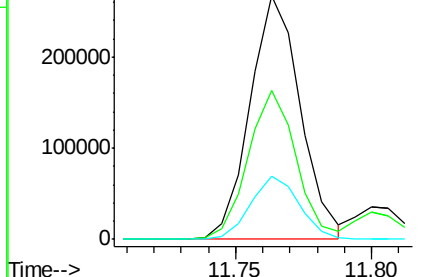
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Abundance Ion 119.00 (118.70 to 119.70): V

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

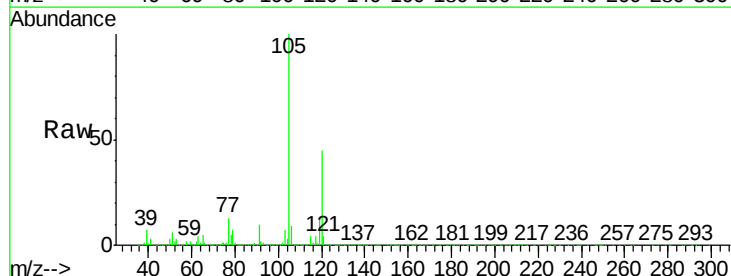
RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014616.D

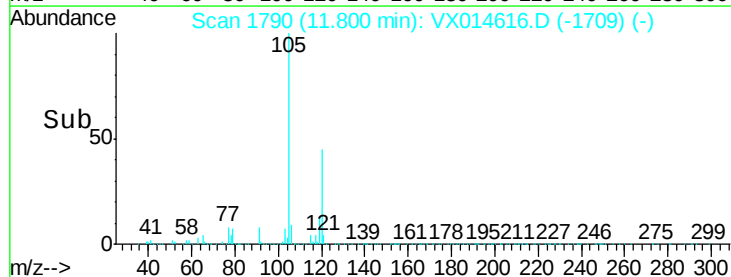
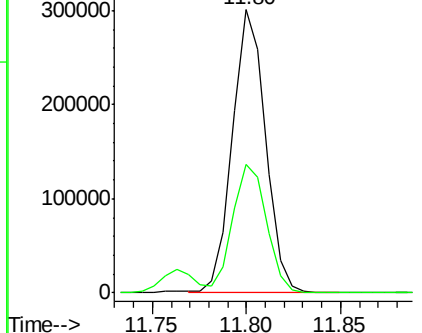
Acq: 15 Jan 2020 14:06

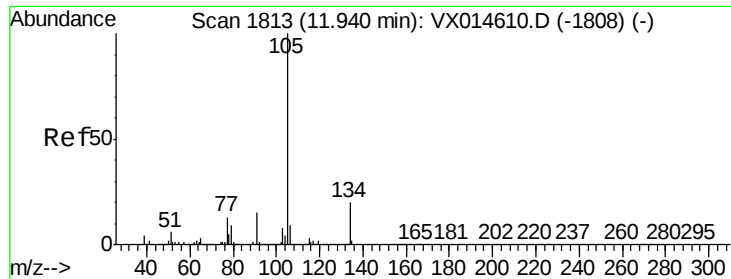
Tgt Ion:	105	Resp:	366716
Ion Ratio	Lower	Upper	
105	100		
120	46.3	0.0	92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





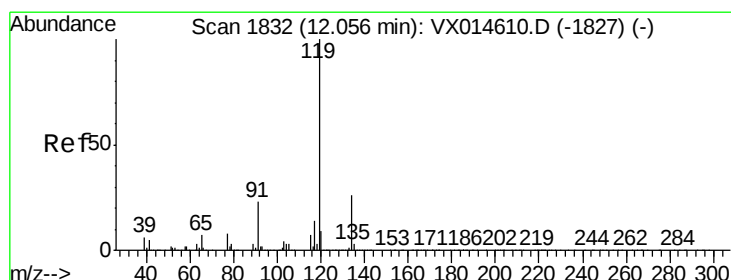
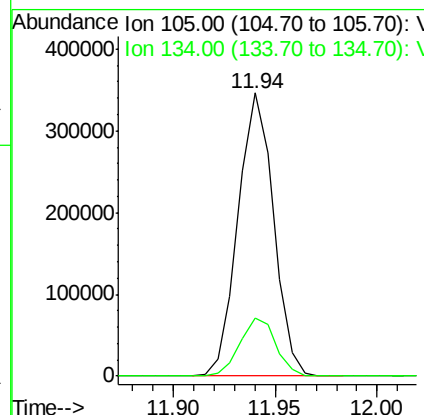
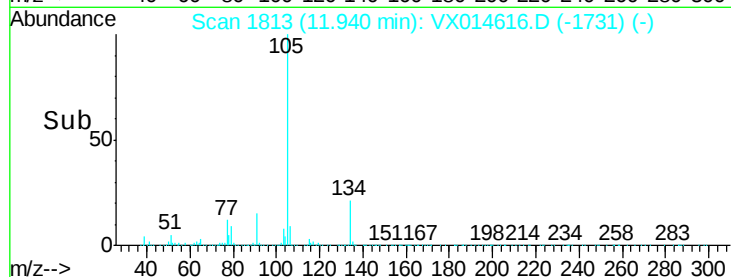
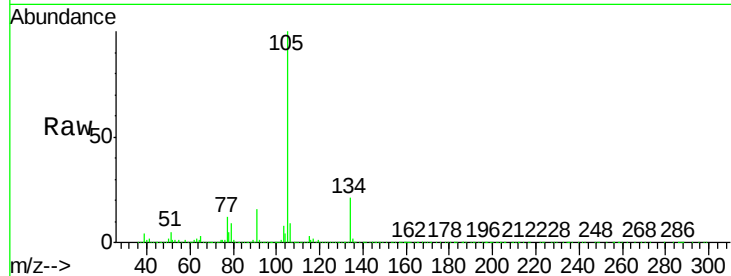
#81
 sec-Butylbenzene
 Concen: 19.401 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	417933		
134	20.9	0.0	40.2	

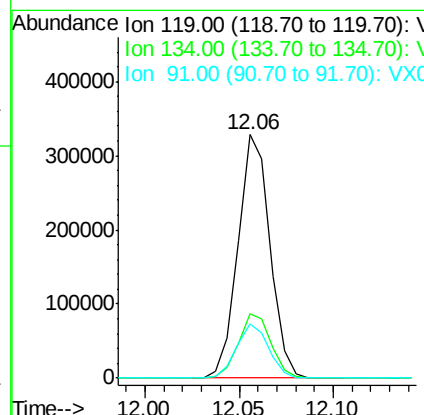
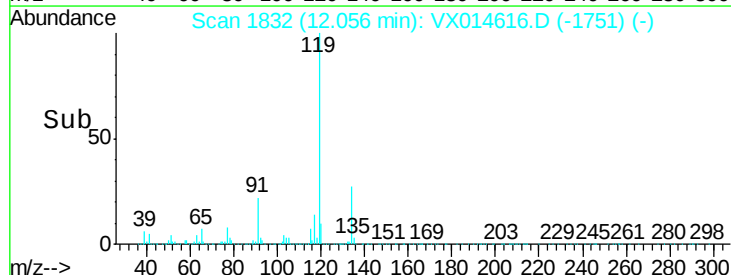
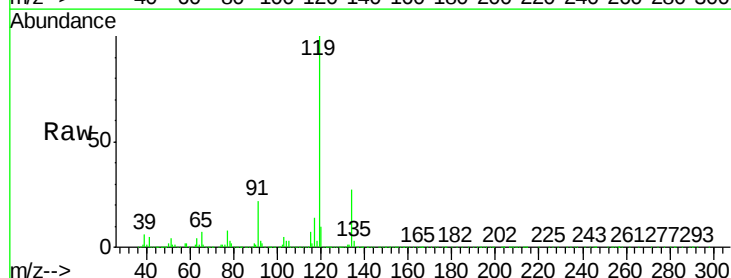
Manual Integrations
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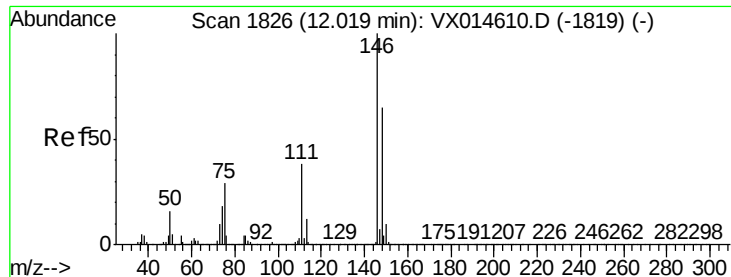
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#82
 p-Isopropyltoluene
 Concen: 19.655 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	386534		
134	26.9	0.0	53.8	
91	22.2	0.0	45.0	





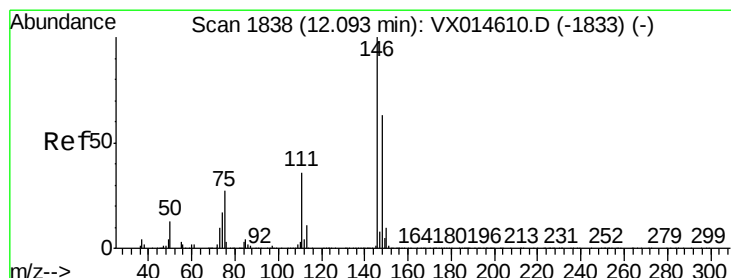
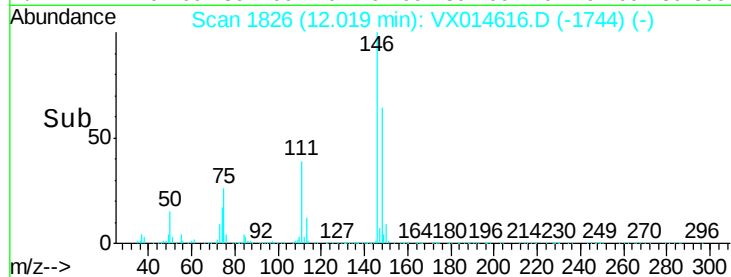
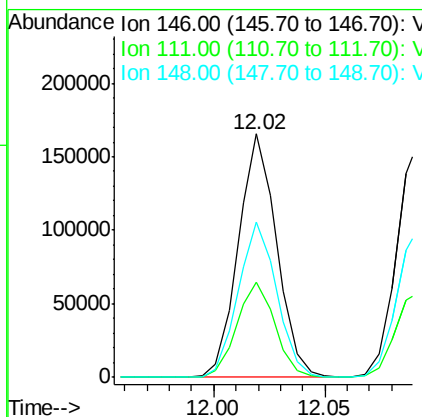
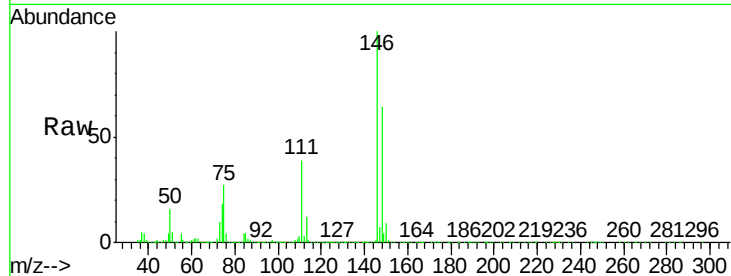
#83
 1,3-Dichlorobenzene
 Concen: 19.128 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.9
148	64.7	32.2	96.6

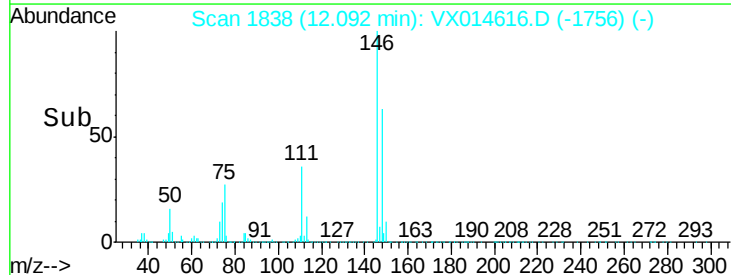
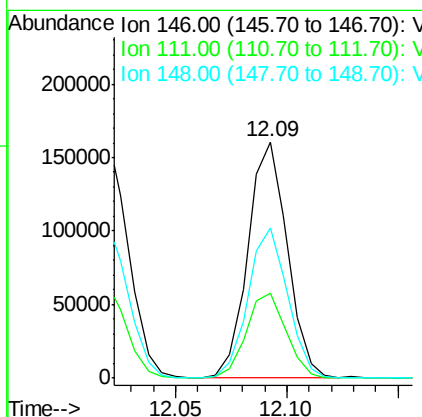
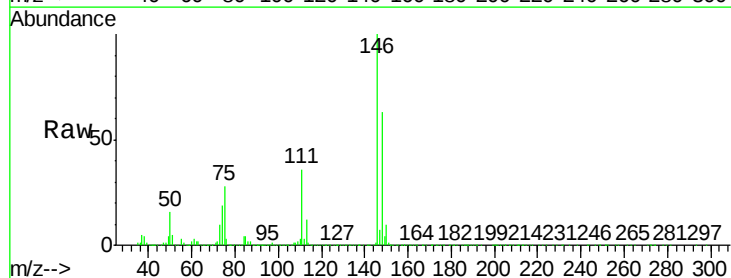
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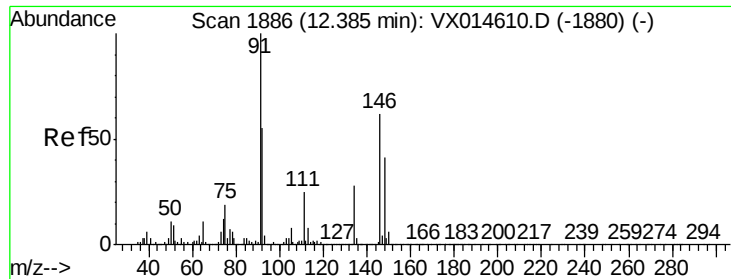
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#84
 1,4-Dichlorobenzene
 Concen: 19.253 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.4
148	64.4	32.0	96.0





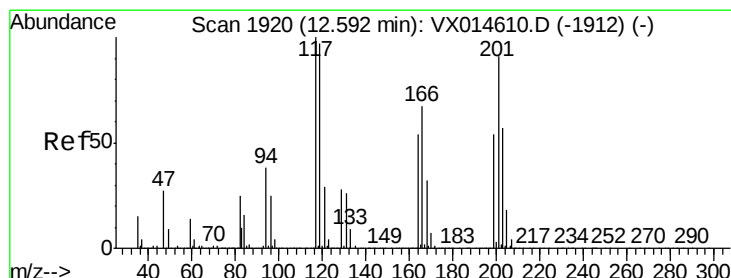
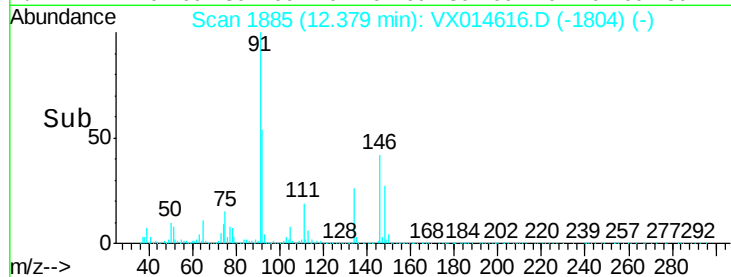
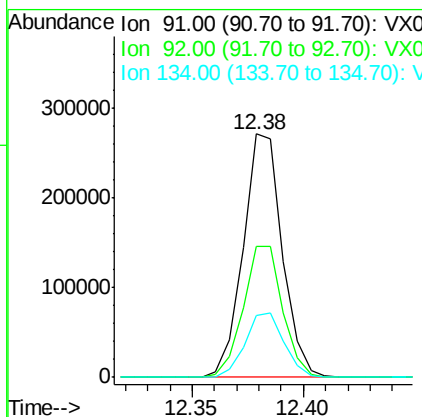
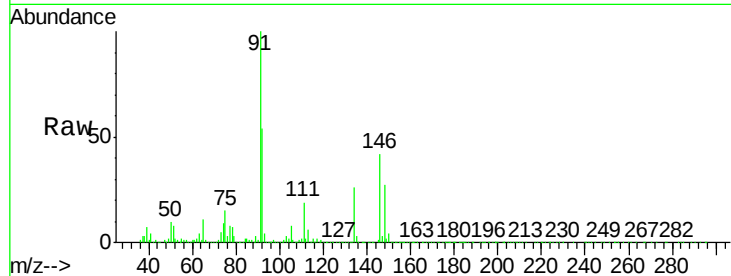
#85
n-Butylbenzene
Concen: 19.253 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	331286		
92	54.5	0.0	109.0	
134	26.4	0.0	54.0	

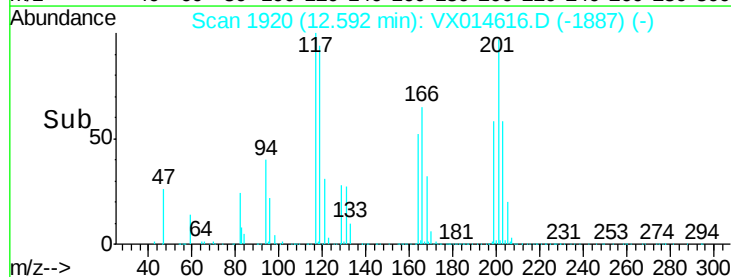
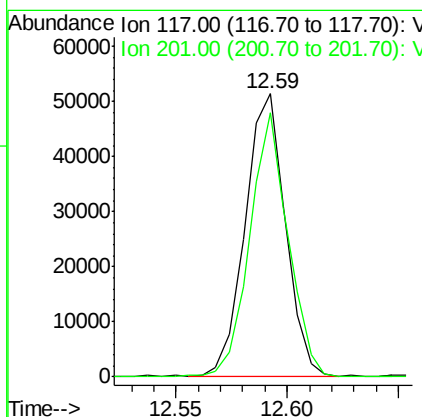
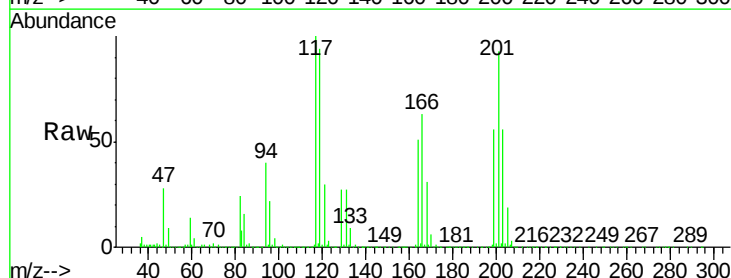
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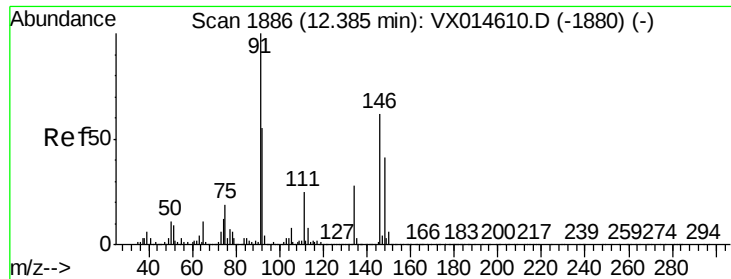
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1/16/2020 9:42:18 AM



#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	Ratio	Resp	Lower	Upper
117	100	64358		
201	89.2	44.8	134.3	





#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

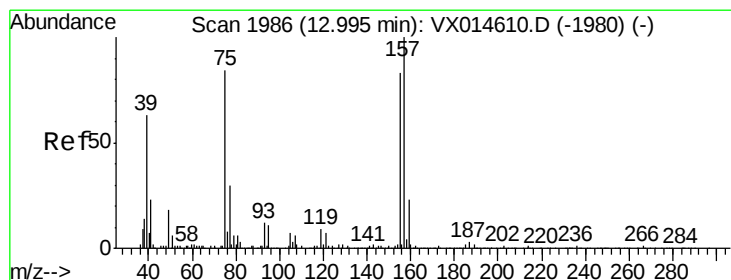
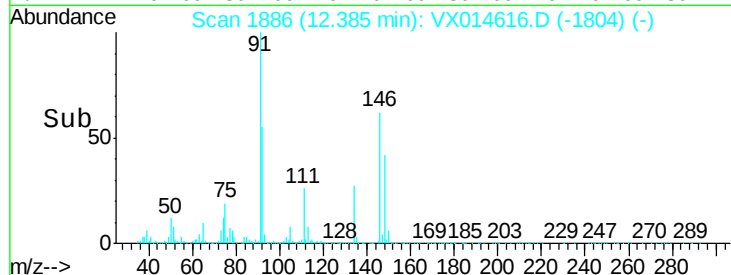
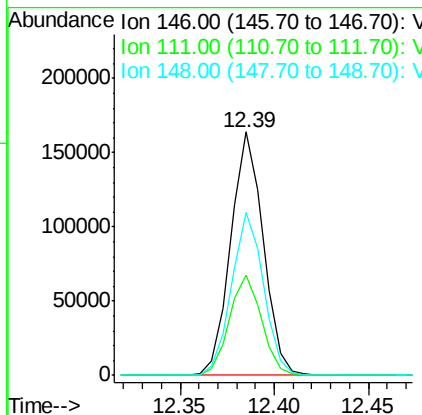
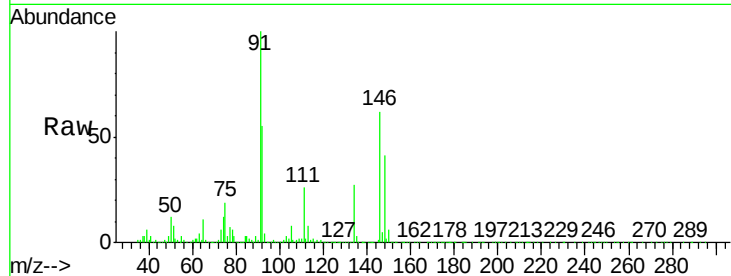
ClientSampleId :

VX0115WBS01

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

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.764 ug/l

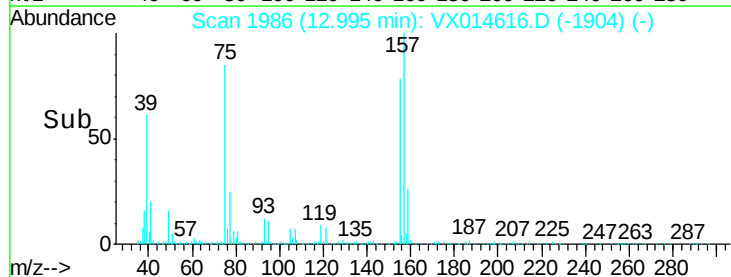
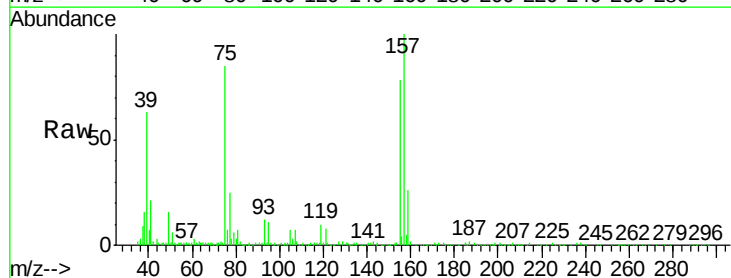
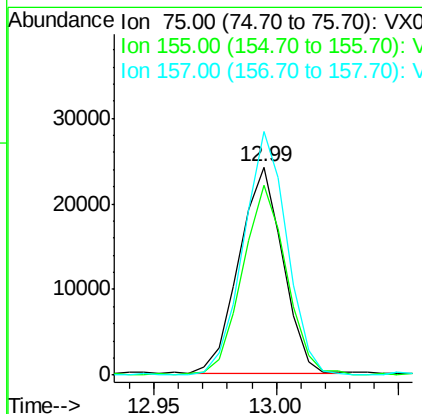
RT: 12.99 min Scan# 1986

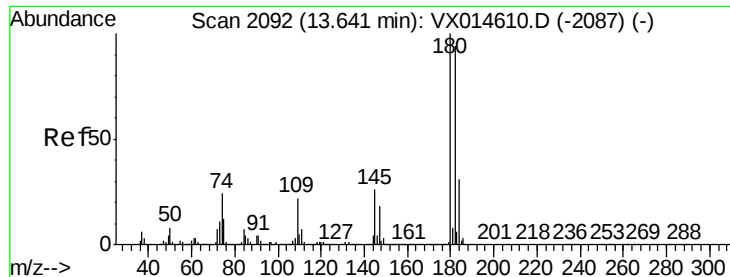
Delta R.T. 0.00 min

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





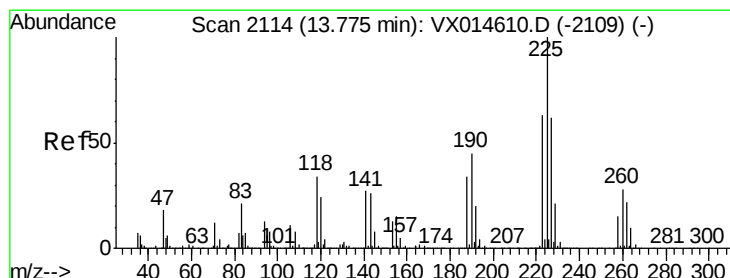
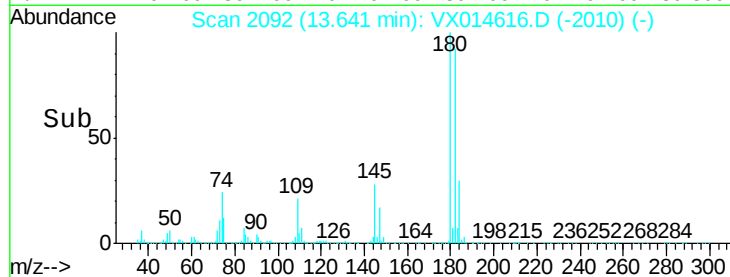
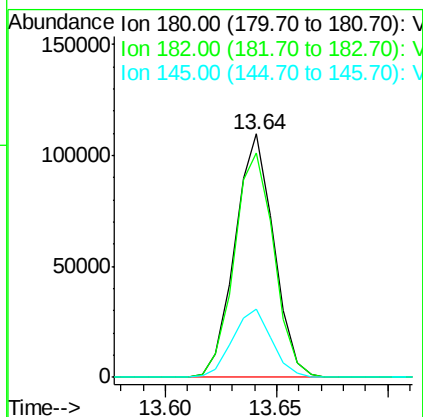
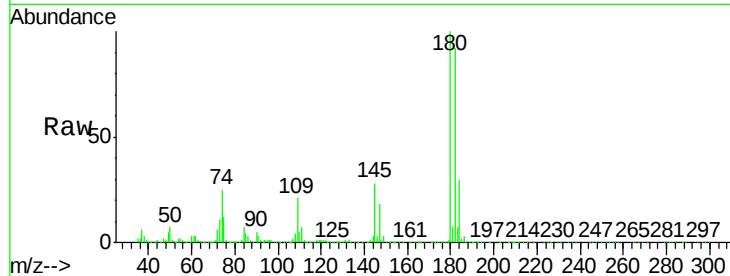
#89
 1,2,4-Trichlorobenzene
 Concen: 19.348 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	133173		
182	94.5	76.4	114.6	
145	28.3	21.9	32.9	

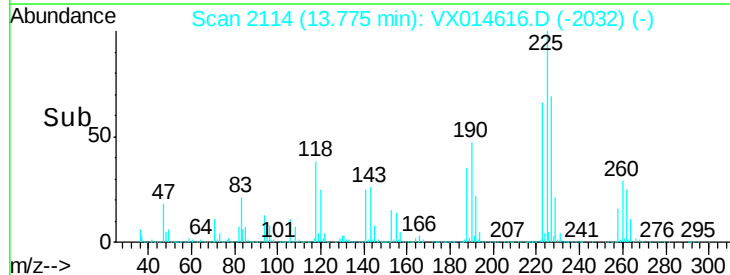
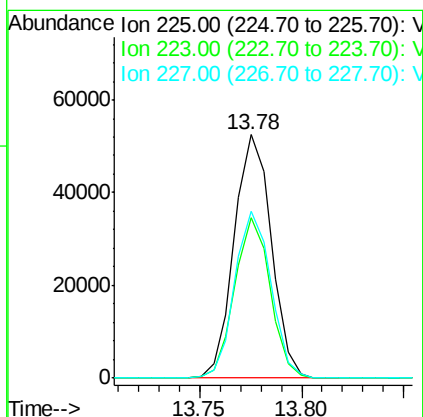
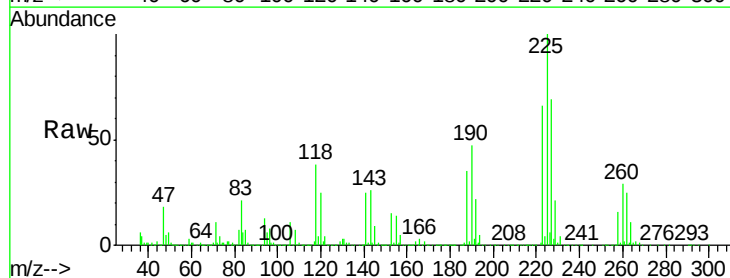
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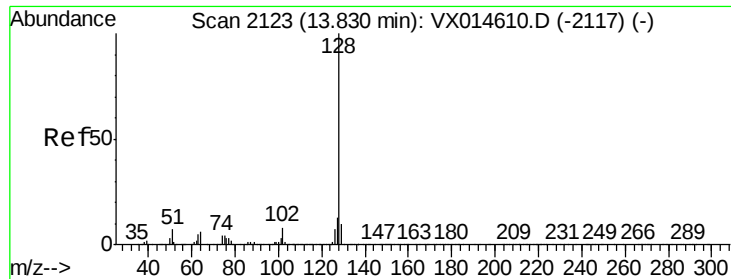
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#90
 Hexachlorobutadiene
 Concen: 19.316 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014616.D
 Acq: 15 Jan 2020 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66434		
223	63.1	0.0	127.4	
227	66.5	0.0	122.8	





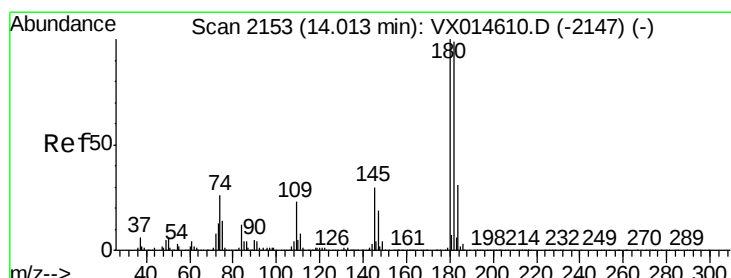
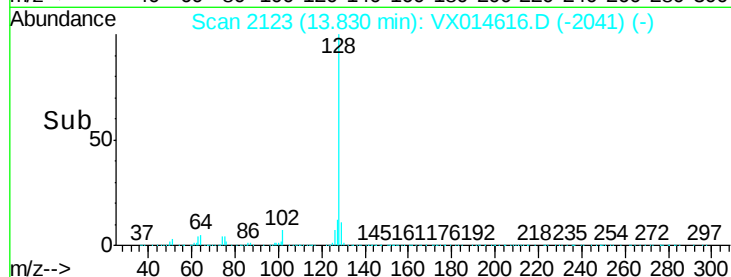
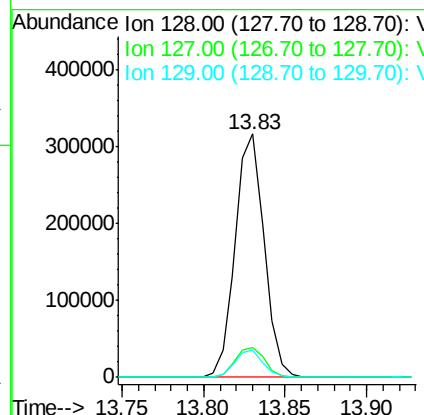
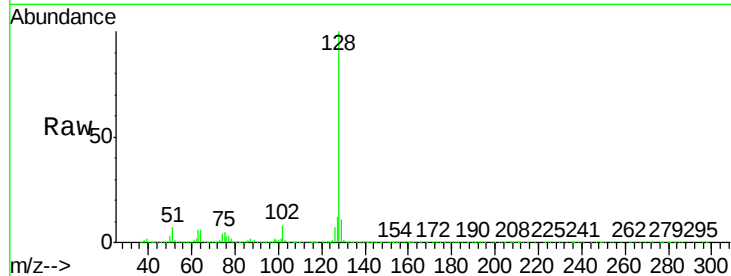
#91
Naphthalene
Concen: 18.753 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014616.D
Acq: 15 Jan 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

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

Manual Integrations
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#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	Ratio	Resp	Lower	Upper
180	100	132191		
182	94.5		0.0	192.8
145	30.5		0.0	60.0

