

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022820\
 Data File : VX015054.D
 Acq On : 28 Feb 2020 11:26
 Operator : JC/SP
 Sample : VX0228WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0228WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 11:32:23 AM

Quant Time: Feb 29 00:04:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	67551	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	365661	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	344005	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	142219	30.28	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.93%
60) 4-Bromofluorobenzene	11.13	95	159824	29.83	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.43%
63) Toluene-d8	8.71	98	442578	29.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	55181	18.293	ug/l 97
3) Chloromethane	1.32	50	80303	20.588	ug/l 98
4) Vinyl Chloride	1.40	62	82736	19.709	ug/l 100
5) Bromomethane	1.64	94	55670	18.937	ug/l 96
6) Chloroethane	1.72	64	55963	19.902	ug/l 98
7) Trichlorofluoromethane	1.93	101	108634	17.781	ug/l 94
8) Diethyl Ether	2.18	74	49099	19.104	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	67845	19.207	ug/l 99
10) 1,1-Dichloroethene	2.37	96	65448	18.431	ug/l 98
11) Methyl Iodide	2.50	142	70056	16.236	ug/l 98
12) Methyl Acetate	2.76	43	97154	21.986	ug/l 96
13) Acrolein	2.28	56	80093	91.136	ug/l 99
14) Acrylonitrile	3.12	53	214696	107.584	ug/l 99
15) Acetone	2.43	58	62136	87.004	ug/l 95
16) Carbon Disulfide	2.56	76	174523	18.279	ug/l 99
17) Allyl chloride	2.72	41	125699	20.349	ug/l 95
18) Methylene Chloride	2.85	84	79321	19.387	ug/l 98
19) trans-1,2-Dichloroethene	3.15	96	75090	19.252	ug/l 96
20) Diisopropyl ether	3.84	45	259563	20.575	ug/l 96
21) 1,1-Dichloroethane	3.69	63	133661	19.328	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	86084	19.287	ug/l 97
23) tert-Butyl Alcohol	3.01	59	81241	102.698	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	229829	19.453	ug/l 97
25) Chloroform	5.19	83	133878	19.197	ug/l 97
26) Cyclohexane	5.57	56	122724	19.856	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	102906	19.897	ug/l 99
30) 2-Butanone	4.65	43	302479	101.322	ug/l 99
31) 2,2-Dichloropropane	4.57	77	102429	18.036	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	110277	18.775	ug/l 99
33) Carbon Tetrachloride	5.78	117	96516	18.772	ug/l 97
34) Benzene	6.13	78	330086	21.151	ug/l 99
35) Methacrylonitrile	5.02	41	67937	22.309	ug/l 97
36) 1,2-Dichloroethane	6.18	62	116291	21.051	ug/l 96
37) Trichloroethene	7.20	130	88849	20.277	ug/l 96
38) Methylcyclohexane	7.45	83	125269	19.540	ug/l 98
39) 1,2-Dichloropropane	7.51	63	85604	21.310	ug/l 97
40) Dibromomethane	7.65	93	56313	20.993	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	109044	20.579	ug/l	99
42) Vinyl Acetate	3.80	43	1101213	104.800	ug/l	99
43) Ethyl Acetate	4.81	43	115251	21.336	ug/l	96
44) Isopropyl Acetate	6.43	43	195480	21.527	ug/l	99
45) 1,4-Dioxane	7.73	88	38243	455.789	ug/l	97
46) Methyl methacrylate	7.76	41	96269	21.430	ug/l	98
47) n-amyl Acetate	10.89	43	161328	20.508	ug/l	97
48) t-1,3-Dichloropropene	9.03	75	119600	20.344	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	135090	20.872	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	85406	21.371	ug/l	97
51) Ethyl methacrylate	9.17	69	129223	20.950	ug/l	98
52) 1,3-Dichloropropane	9.36	76	144820	21.421	ug/l	100
53) Dibromochloromethane	9.57	129	88733	20.536	ug/l	98
54) 1,2-Dibromoethane	9.67	107	91270	21.511	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	339280	103.260	ug/l	98
56) Bromoform	10.85	173	68314	20.169	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	621136	110.173	ug/l	99
59) 2-Hexanone	9.48	43	468951	106.458	ug/l	99
61) Tetrachloroethene	9.33	164	91683	19.843	ug/l	99
62) Toluene	8.78	91	353334	20.053	ug/l	100
64) Chlorobenzene	10.13	112	225531	20.053	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	84280	20.231	ug/l	98
66) Ethyl Benzene	10.25	91	388605	20.021	ug/l	99
67) m/p-Xylenes	10.35	106	299844	40.061	ug/l	98
68) o-Xylene	10.69	106	142714	19.706	ug/l	100
69) Styrene	10.71	104	246215	19.906	ug/l	99
70) Isopropylbenzene	11.01	105	380092	19.759	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	130474	21.066	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	111309m	21.666	ug/l	
73) Bromobenzene	11.25	156	103007	19.817	ug/l	97
74) n-propylbenzene	11.35	91	451700	20.631	ug/l	99
75) 2-Chlorotoluene	11.42	91	262153	20.262	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	320582	19.885	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	40207	19.408	ug/l	98
78) 4-Chlorotoluene	11.51	91	303011	20.246	ug/l	100
79) tert-butylbenzene	11.76	119	305358	19.605	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	320318	19.985	ug/l	100
81) sec-Butylbenzene	11.94	105	377044	20.214	ug/l	100
82) p-Isopropyltoluene	12.06	119	344217	19.864	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	182886	20.071	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	186796	20.358	ug/l	100
85) n-Butylbenzene	12.39	91	294415	19.524	ug/l	99
86) Hexachloroethane	12.59	117	58269	18.603	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	183466	20.234	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	27604	20.464	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	125445	19.239	ug/l	99
90) Hexachlorobutadiene	13.78	225	62691	19.360	ug/l	99
91) Naphthalene	13.83	128	369185	19.999	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	130109	20.098	ug/l	99

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ClientSampleId :
VX0228WBSD01

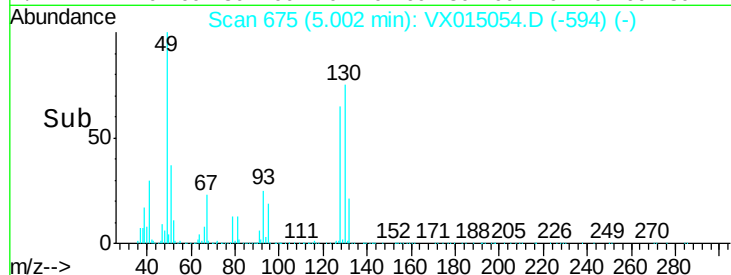
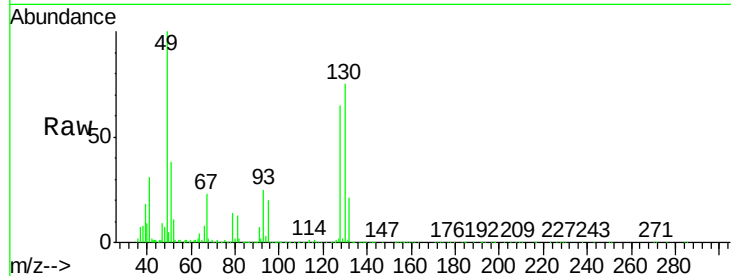
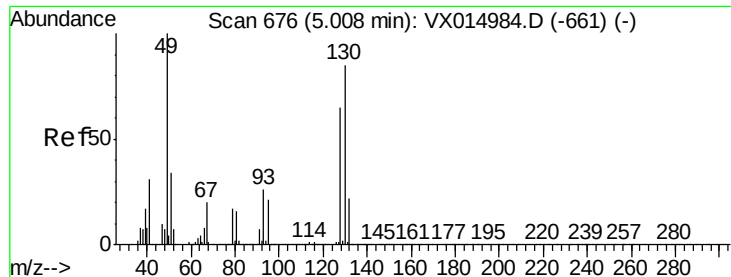
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



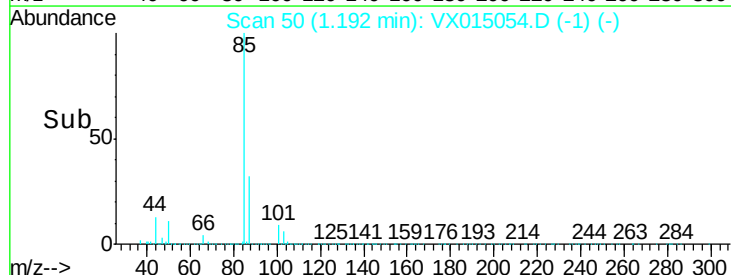
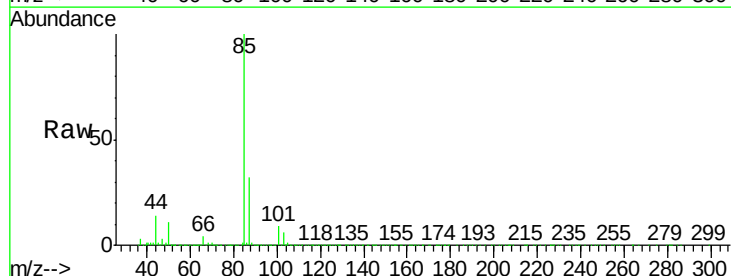
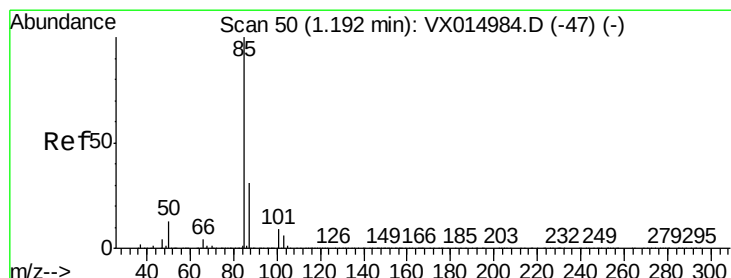
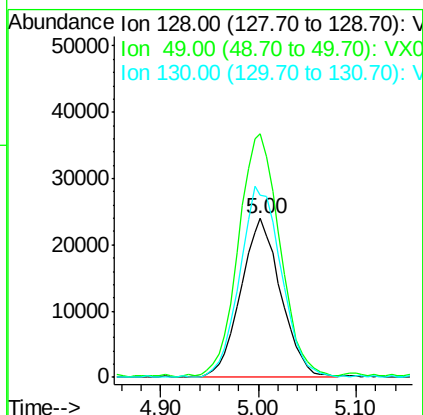
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tot Ion:	128	Resp:	67551
Ion	Ratio	Lower	Upper
128	100		
49	158.4	0.0	384.7
130	126.1	0.0	330.8

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

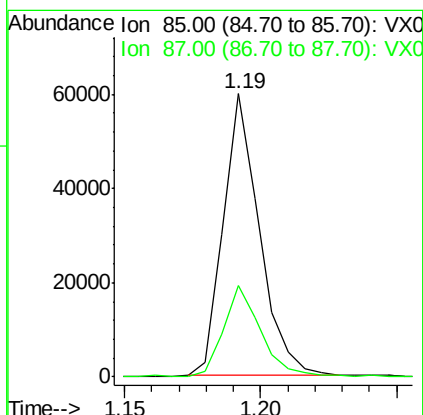
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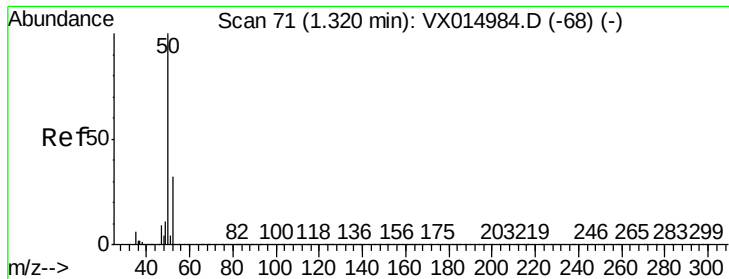
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#2
Dichlorodifluoromethane
Concen: 18.293 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion:	85	Resp:	55181
Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.3	45.9





#3

Chloromethane

Concen: 20.588 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 50 Resp: 80303

Ion Ratio Lower Upper

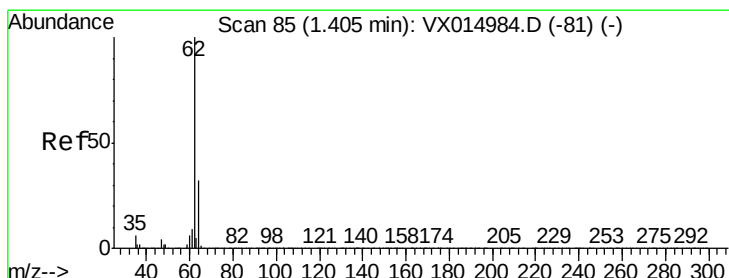
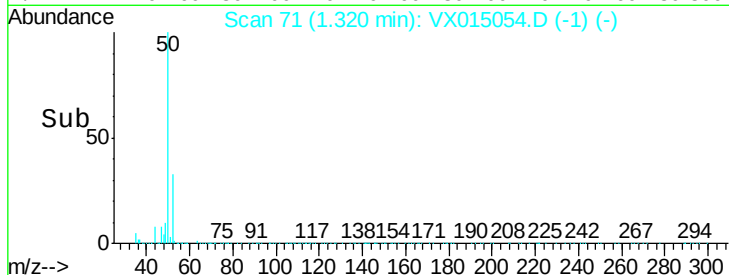
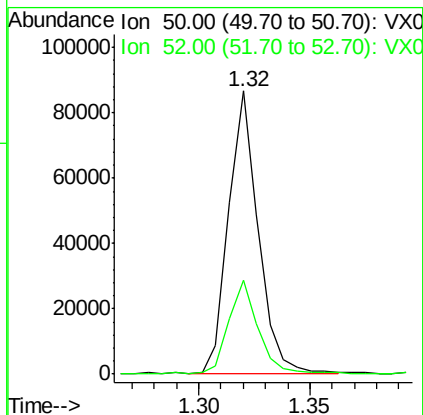
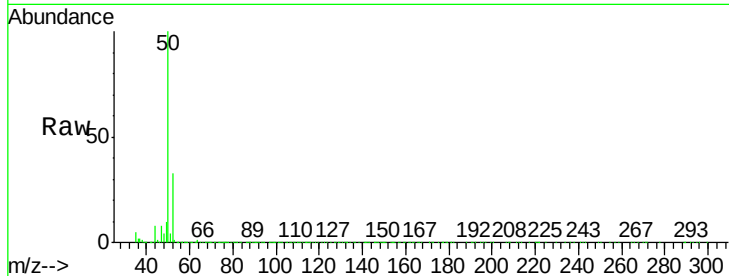
50 100

52 32.9 25.4 38.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.709 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015054.D

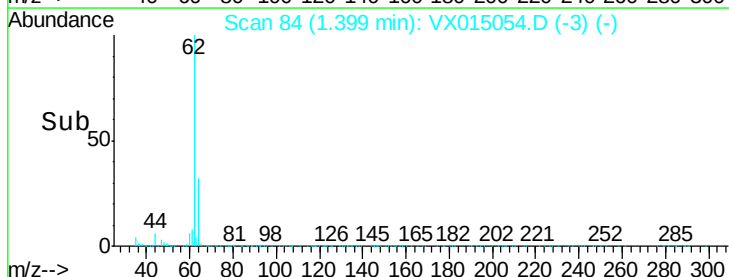
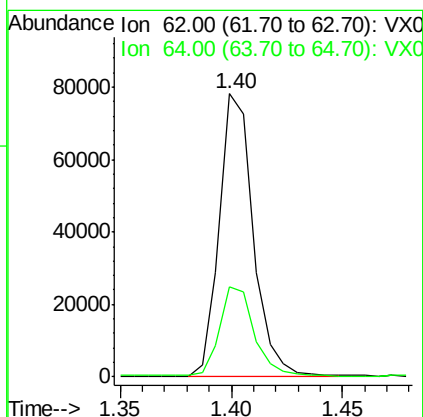
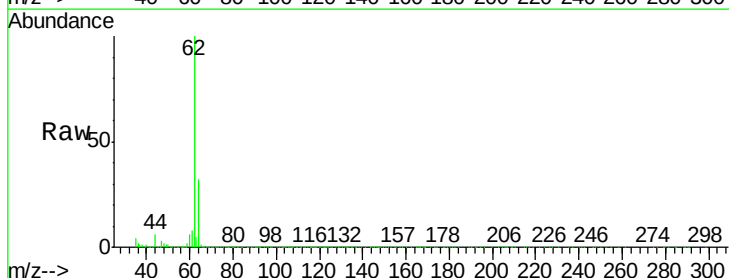
Acq: 28 Feb 2020 11:26

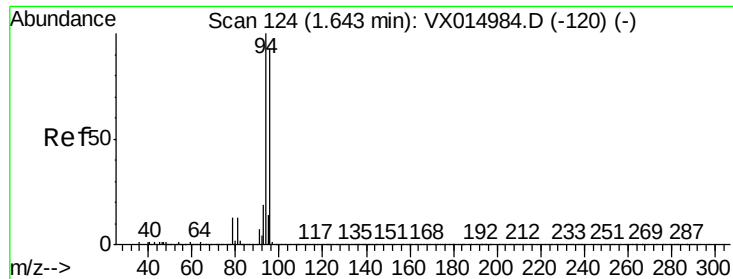
Tgt Ion: 62 Resp: 82736

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 18.937 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampled :

VX0228WBSD01

Tot Ion: 94 Resp: 55670

Ion Ratio Lower Upper

94 100

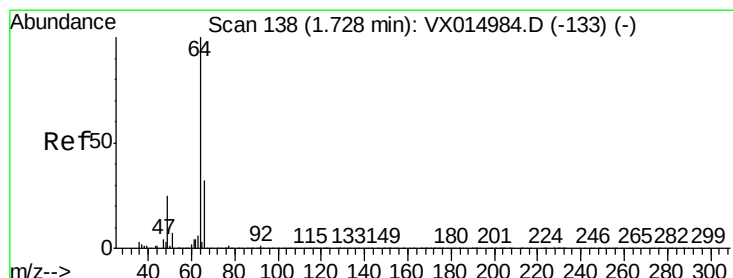
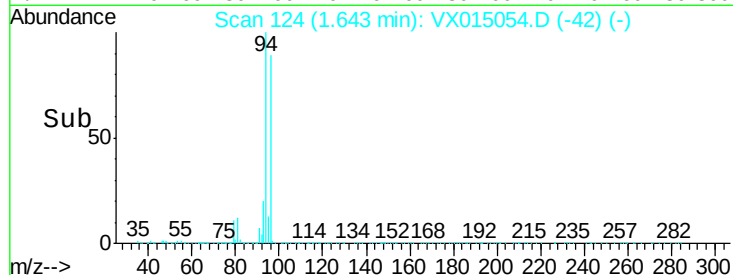
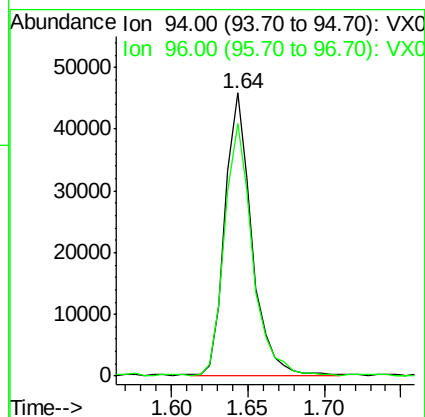
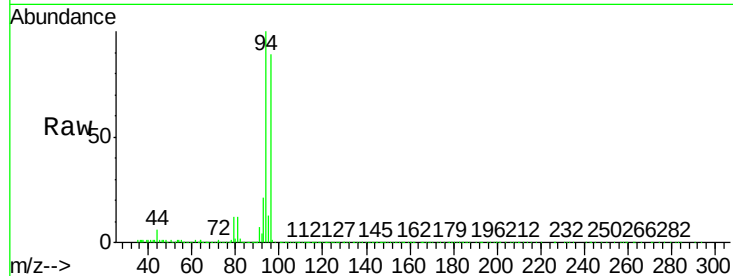
96 89.4 74.6 112.0

Manual Integrations

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3/2/2020 11:32:23 AM



#6

Chloroethane

Concen: 19.902 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015054.D

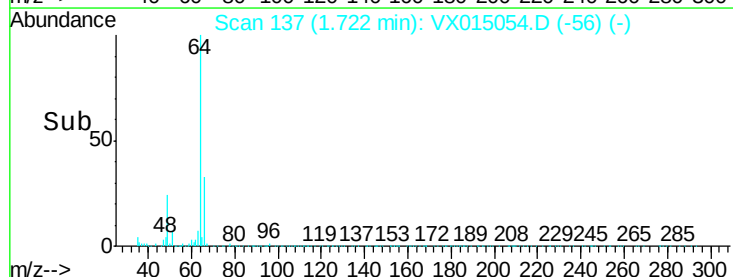
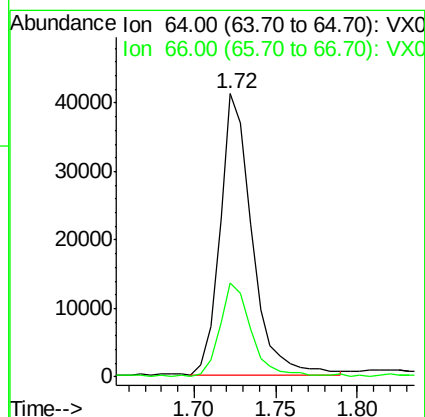
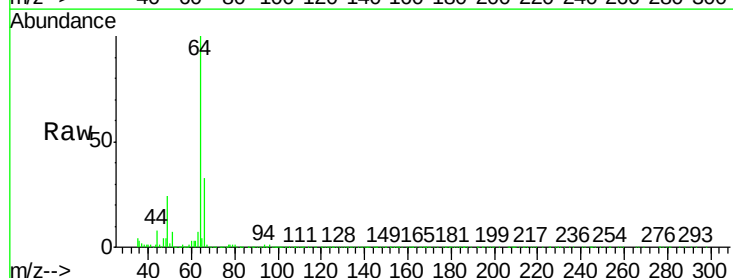
Acq: 28 Feb 2020 11:26

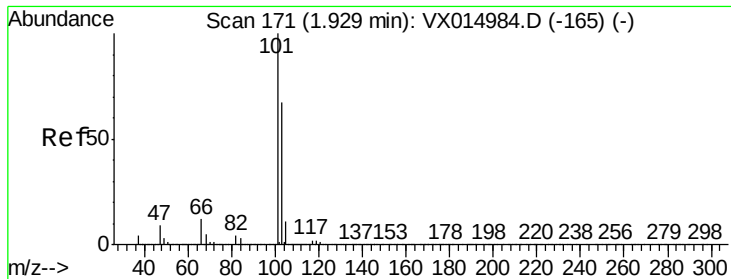
Tgt Ion: 64 Resp: 55963

Ion Ratio Lower Upper

64 100

66 33.0 25.8 38.6





#7

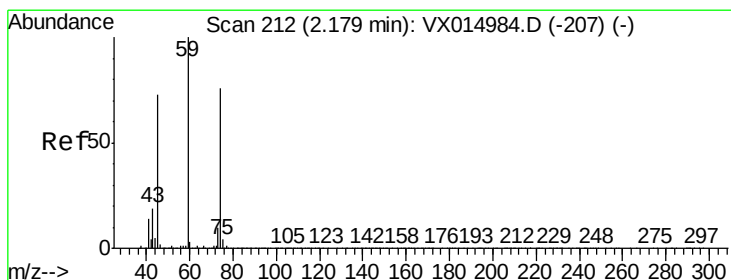
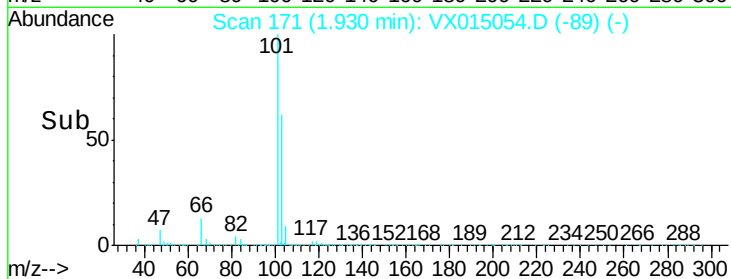
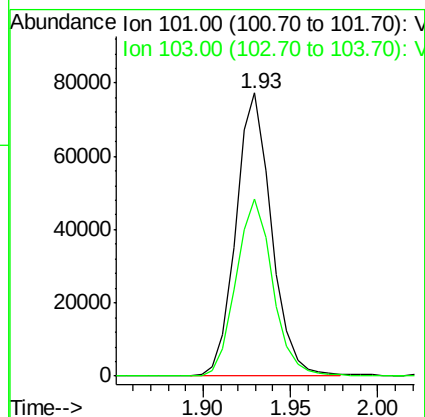
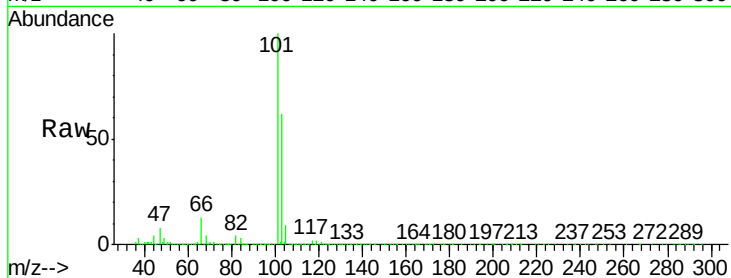
Trichlorofluoromethane
Concen: 17.781 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	53.4	80.2

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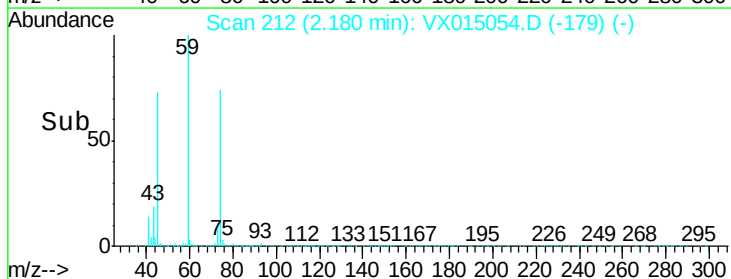
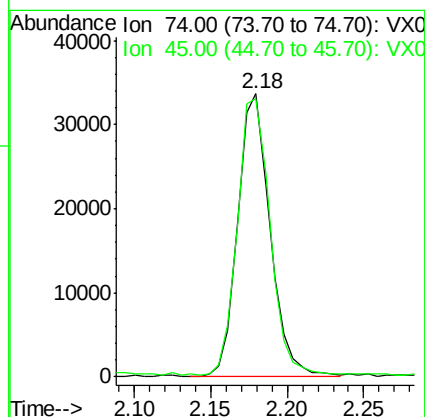
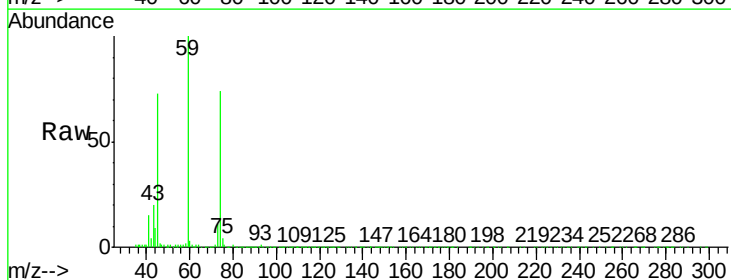
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3/2/2020 11:32:23 AM

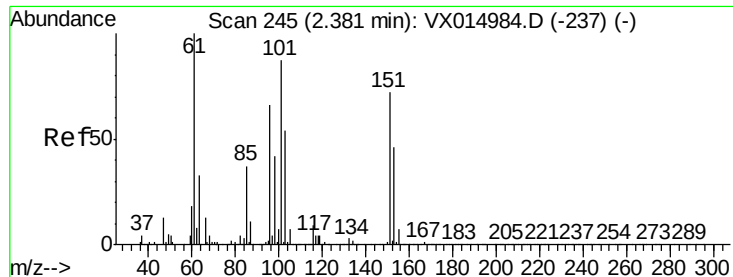


#8

Diethyl Ether
Concen: 19.104 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.9	19.6	176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.207 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015054.D

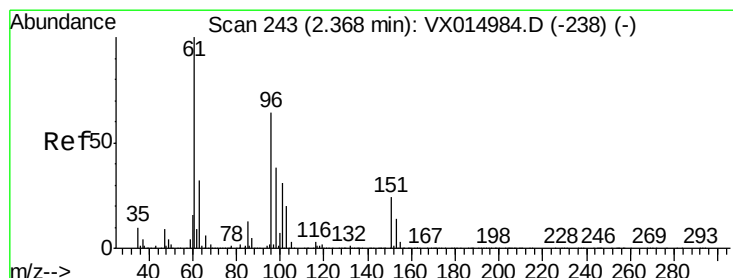
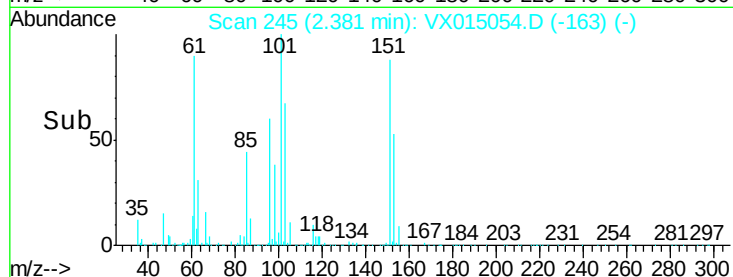
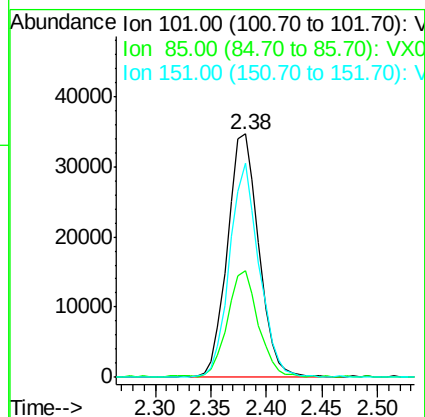
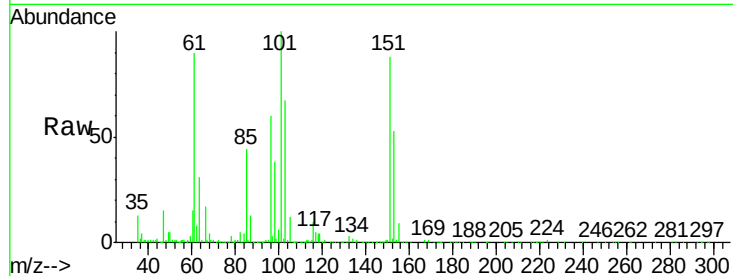
Acq: 28 Feb 2020 11:26

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VX0228WBSD01

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	42.1	0.0	86.6
151	83.2	0.0	167.4

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#10

1,1-Dichloroethene

Concen: 18.431 ug/l

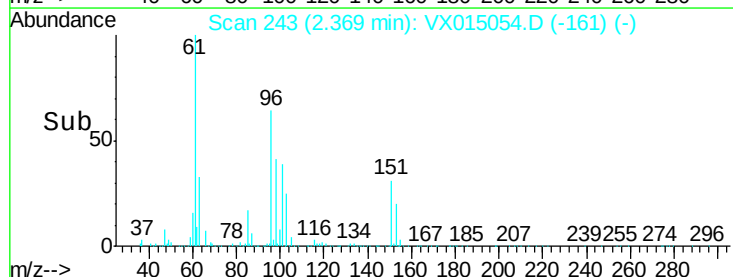
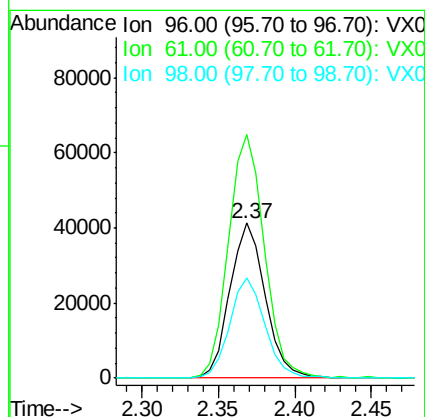
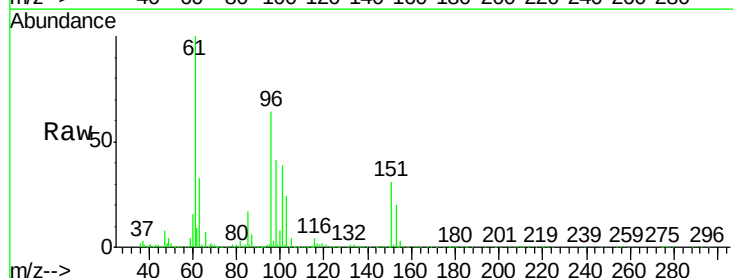
RT: 2.37 min Scan# 243

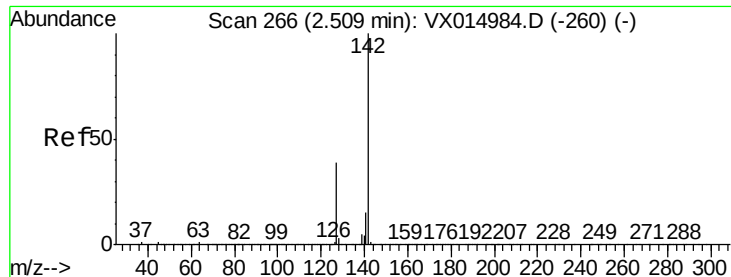
Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	157.4	126.1	189.1
98	64.7	48.2	72.2





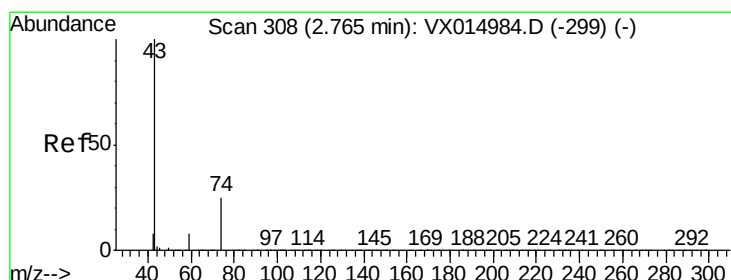
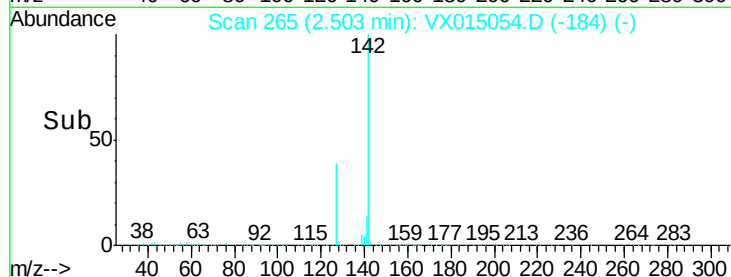
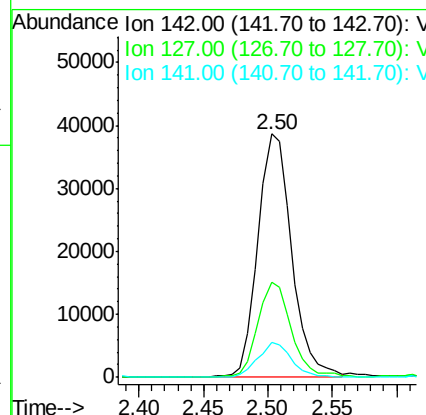
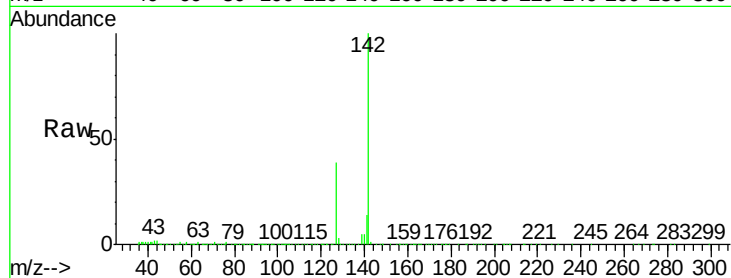
#11
Methvl Iodide
Concen: 16.236 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.4	19.7	59.0
141	14.1	7.4	22.2

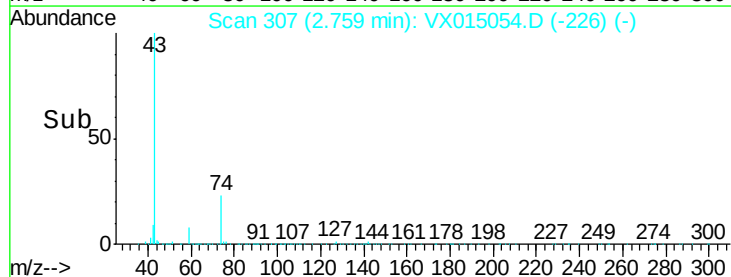
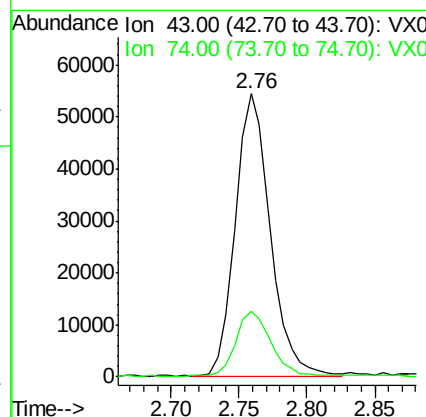
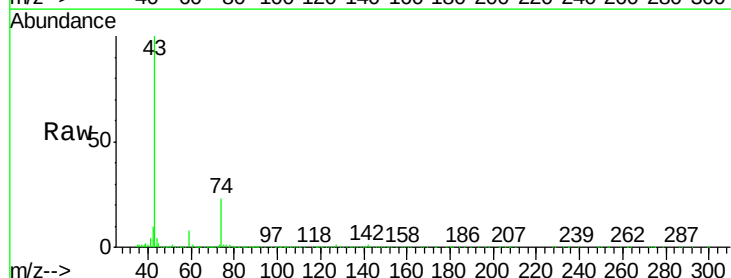
Manual Integrations
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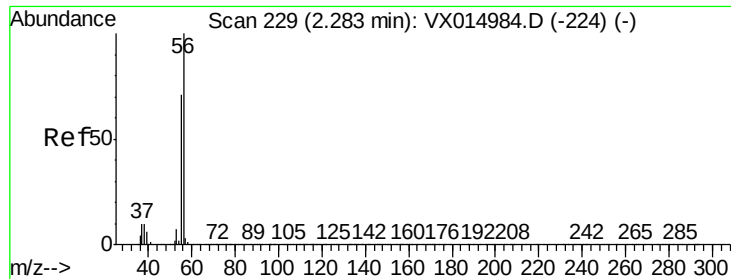
MMDadoda
3/2/2020 11:32:23 AM



#12
Methyl Acetate
Concen: 21.986 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	19.8	29.8





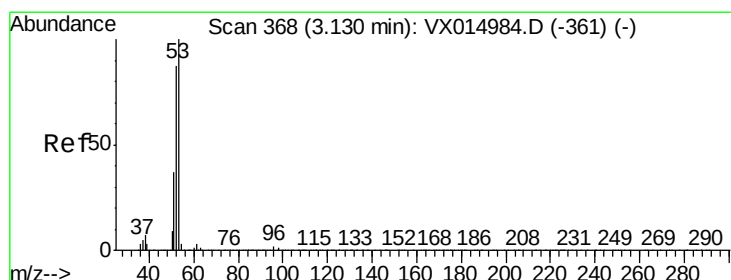
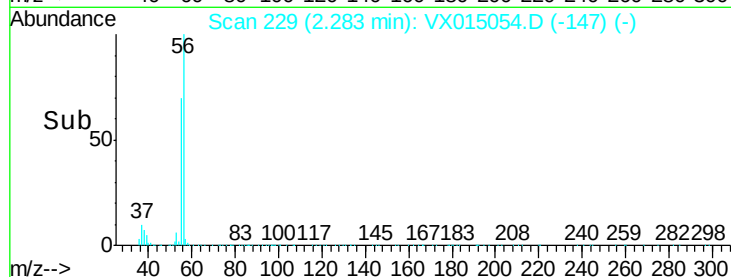
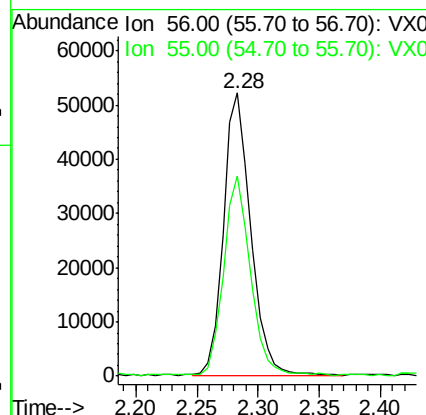
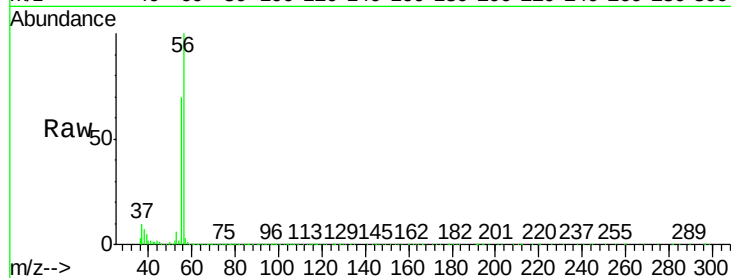
#13
Acrolein
Concen: 91.136 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	69.0	56.2	84.2	

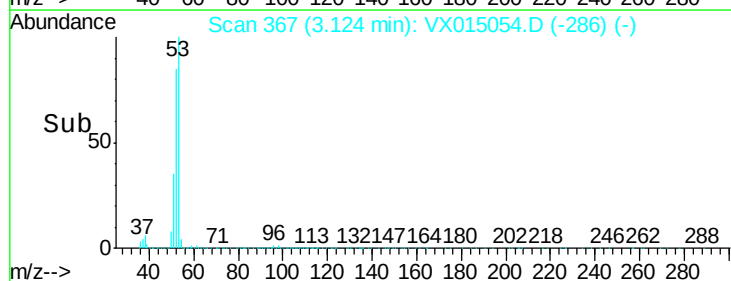
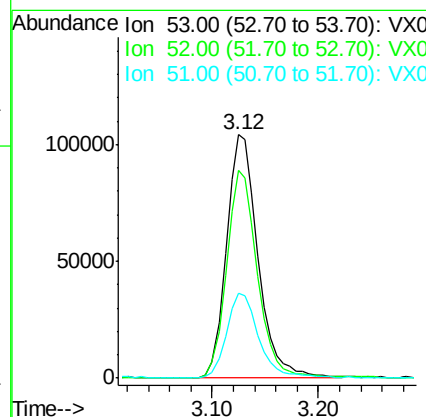
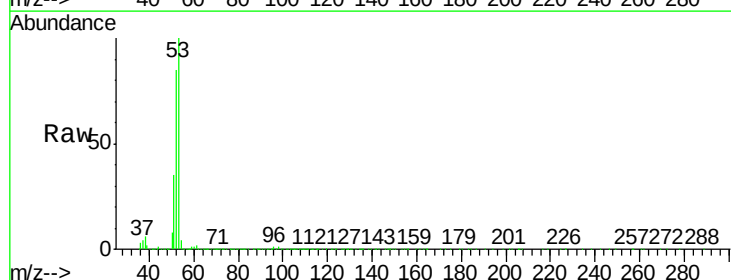
Manual Integrations
APPROVED

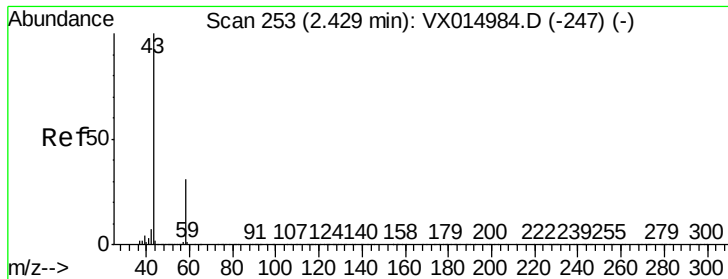
MMDadoda
3/2/2020 11:32:23 AM



#14
Acrylonitrile
Concen: 107.584 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.8	41.5	124.6	
51	35.7	18.1	54.4	





#15

Acetone

Concen: 87.004 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 58 Resp: 62136

Ion Ratio Lower Upper

58 100

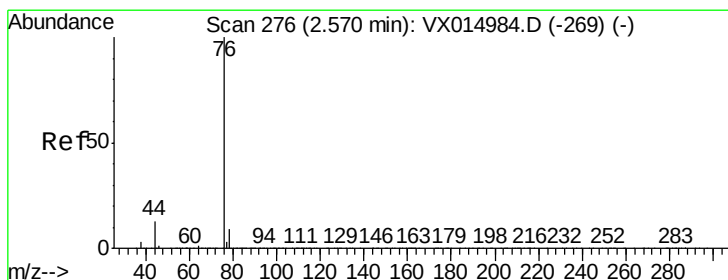
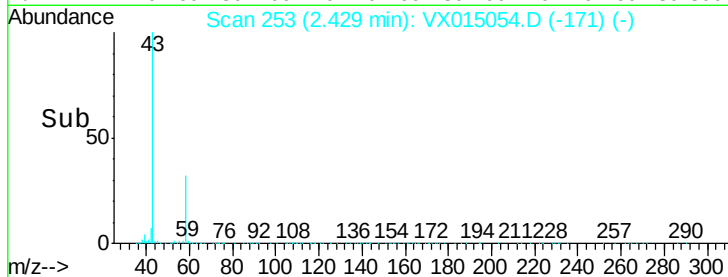
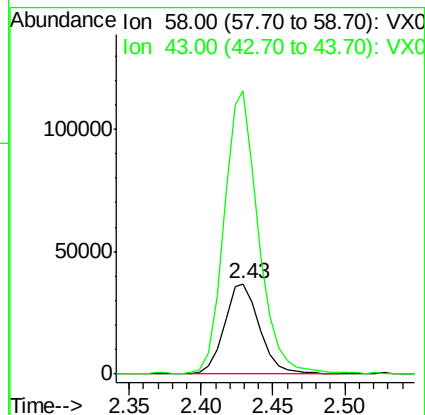
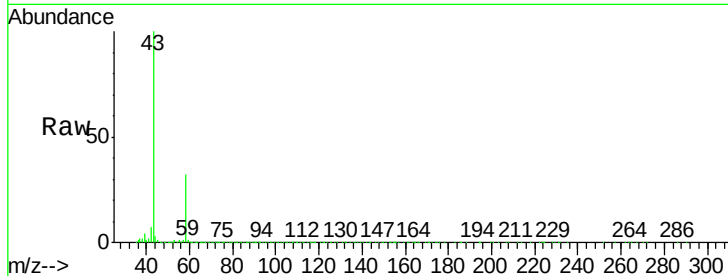
43 312.0 257.7 386.5

Manual Integrations

APPROVED

MMDadoda

3/2/2020 11:32:23 AM



#16

Carbon Disulfide

Concen: 18.279 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015054.D

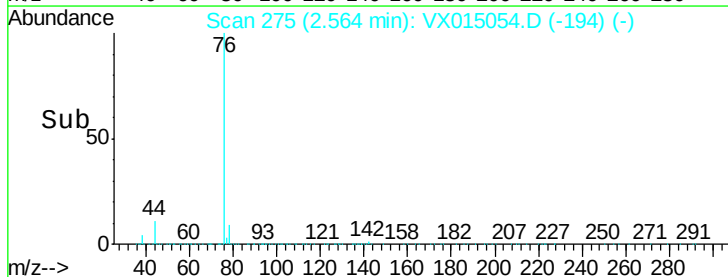
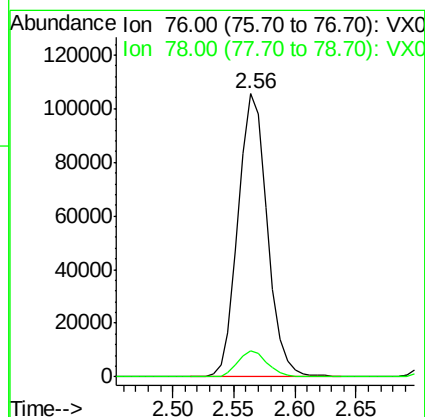
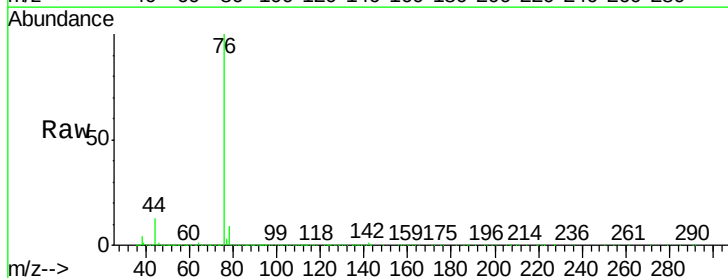
Acq: 28 Feb 2020 11:26

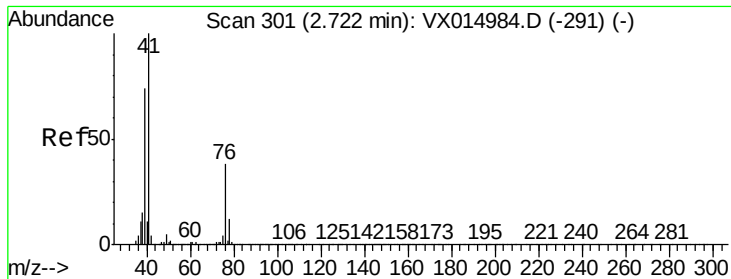
Tgt Ion: 76 Resp: 174523

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





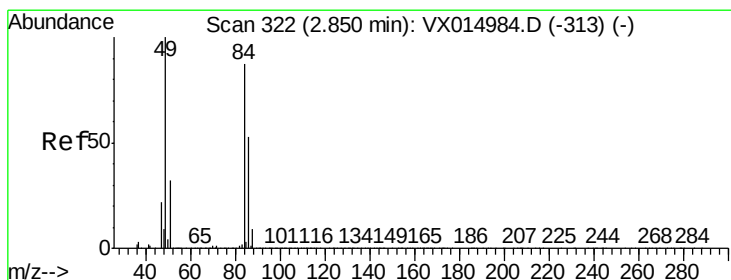
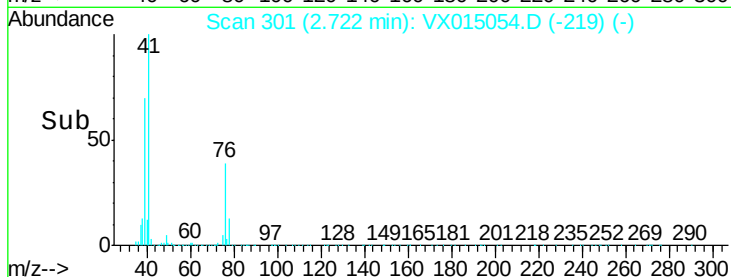
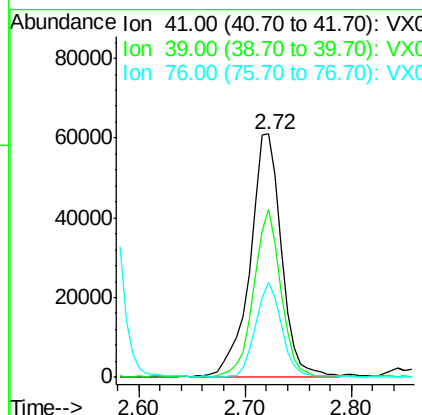
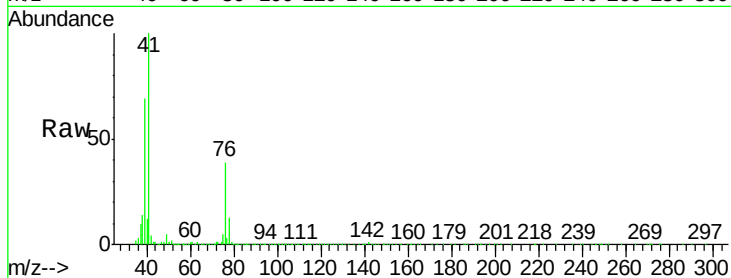
#17
Allvl chloride
Concen: 20.349 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
41	100	125699		
39	69.2		37.1	111.5
76	38.9		18.8	56.4

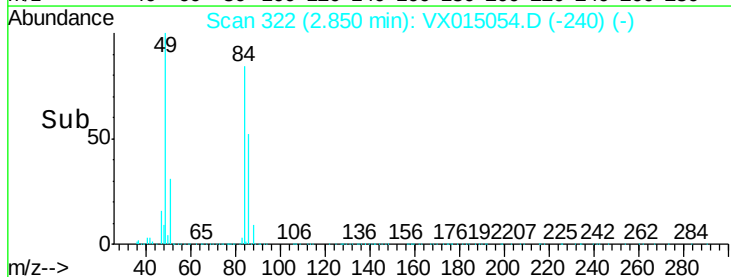
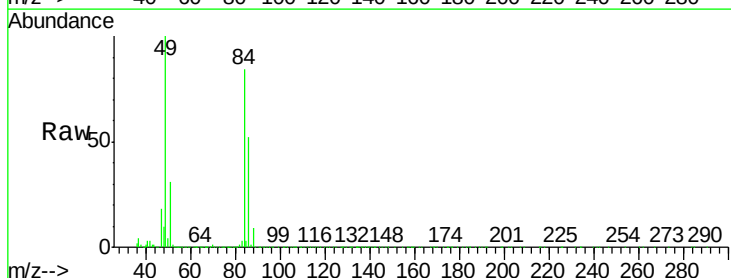
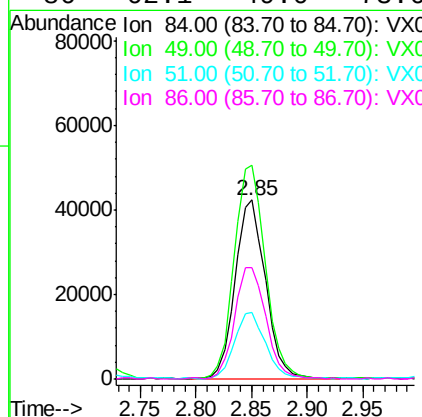
Manual Integrations
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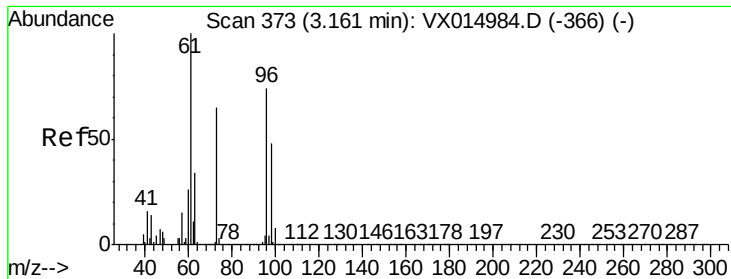
MMDadoda
3/2/2020 11:32:23 AM



#18
Methylene Chloride
Concen: 19.387 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	79321		
49	119.4		92.2	138.2
51	37.0		29.7	44.5
86	62.1		49.0	73.6





#19

trans-1,2-Dichloroethene

Concen: 19.252 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

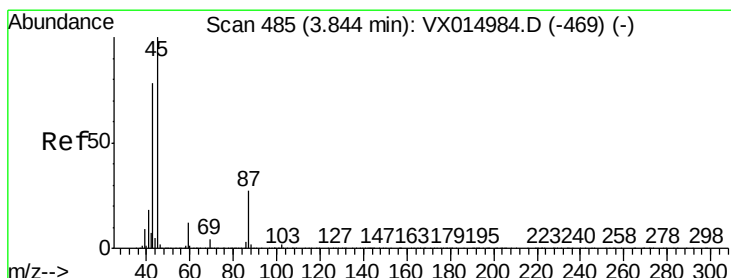
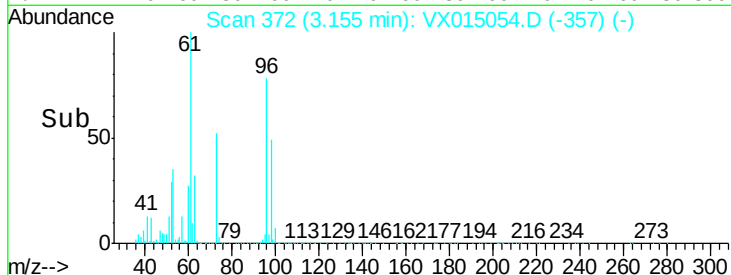
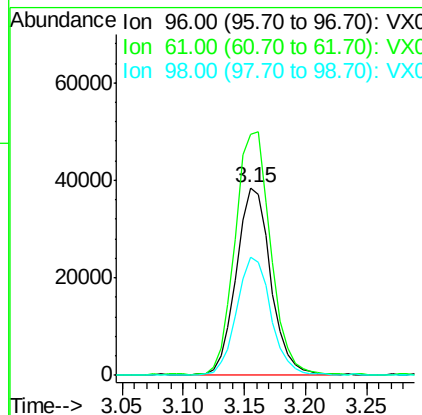
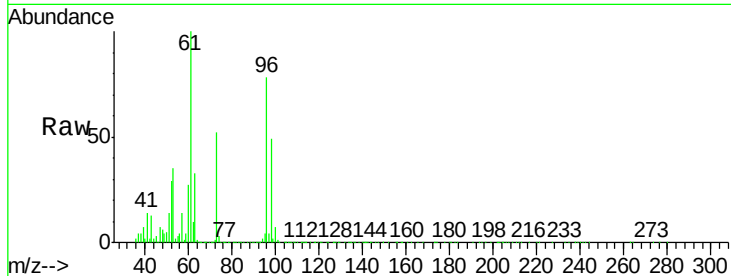
ClientSampleId :

VX0228WBSD01

Tot Ion:	96	Resp:	75090
Ion	Ratio	Lower	Upper
96	100		
61	128.2	107.1	160.7
98	62.8	51.4	77.2

Manual Integrations
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MMDadoda
3/2/2020 11:32:23 AM



#20

Diisopropyl ether

Concen: 20.575 ug/l

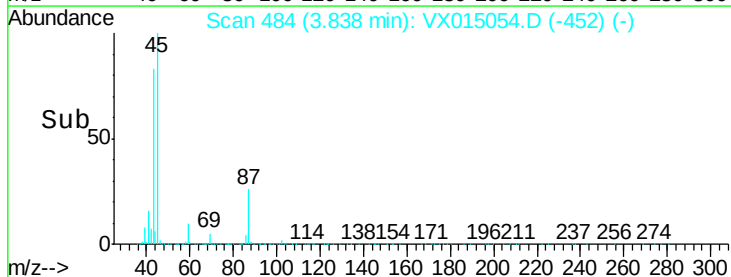
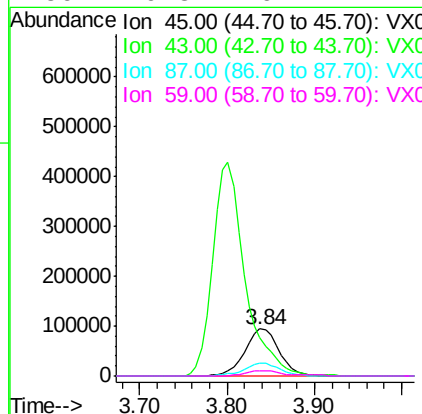
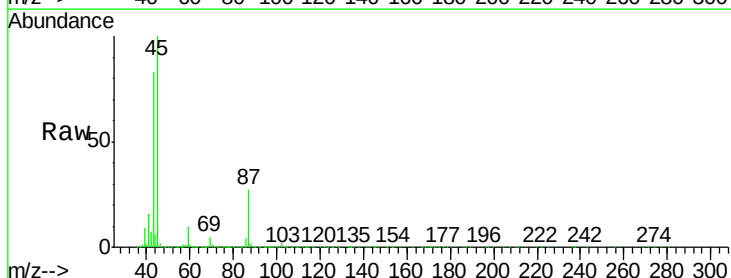
RT: 3.84 min Scan# 484

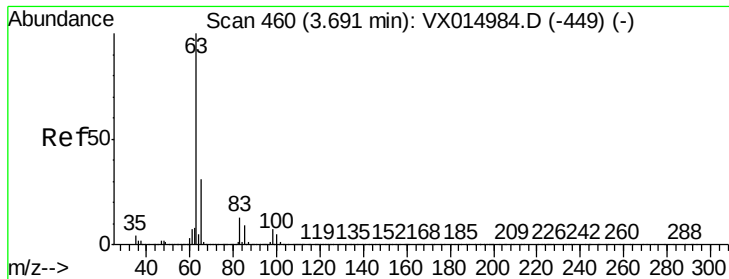
Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Tgt Ion:	45	Resp:	259563
Ion	Ratio	Lower	Upper
45	100		
43	82.0	62.3	93.5
87	26.4	21.8	32.6
59	10.3	9.4	14.2





#21

1,1-Dichloroethane

Concen: 19.328 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

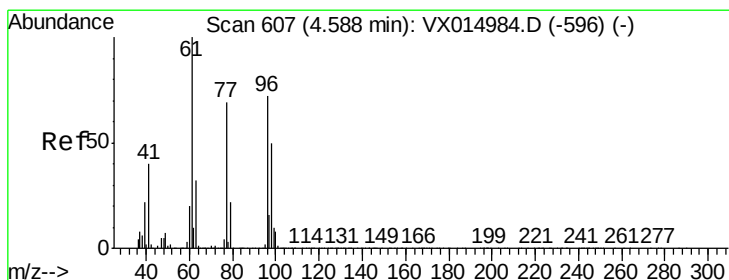
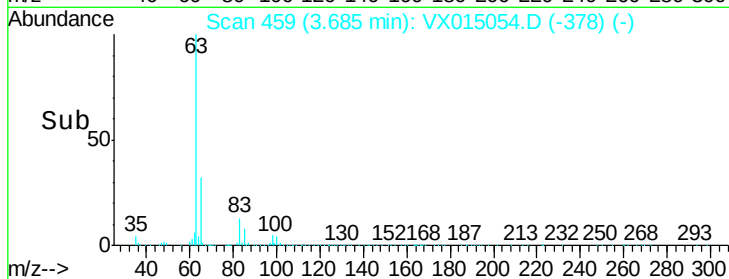
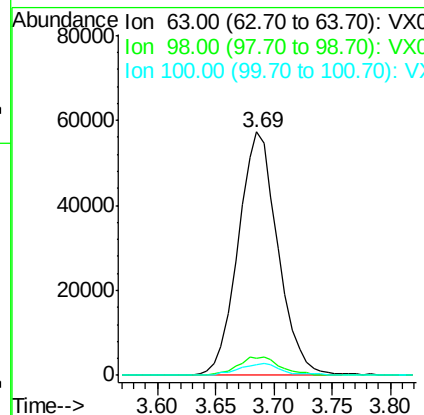
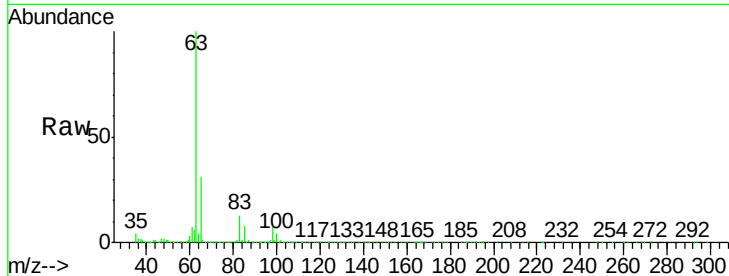
ClientSampleId :

VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	133661		
98	6.9	3.5	10.5	
100	4.1	2.5	7.5	

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.287 ug/l

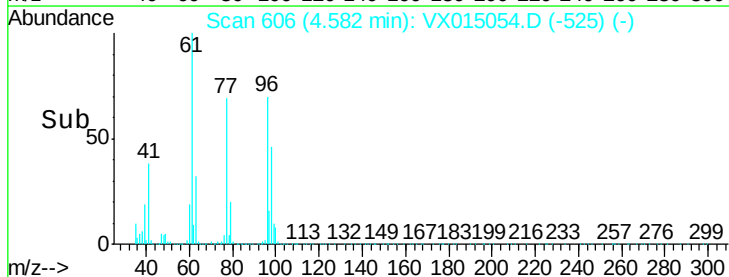
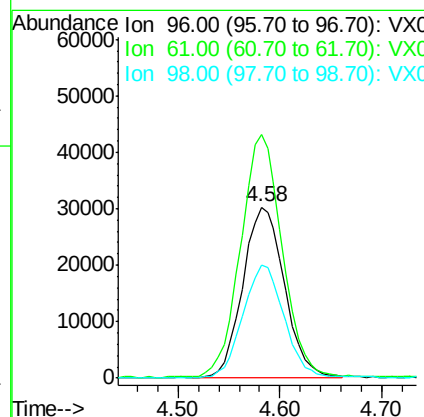
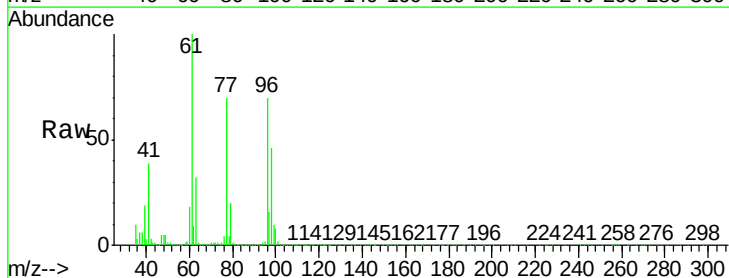
RT: 4.58 min Scan# 606

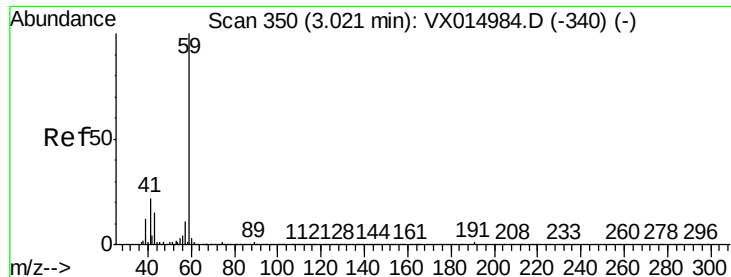
Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	86084		
61	141.2	110.6	165.8	
98	65.0	50.4	75.6	





#23

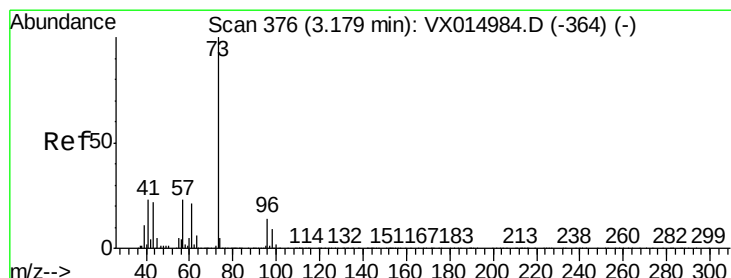
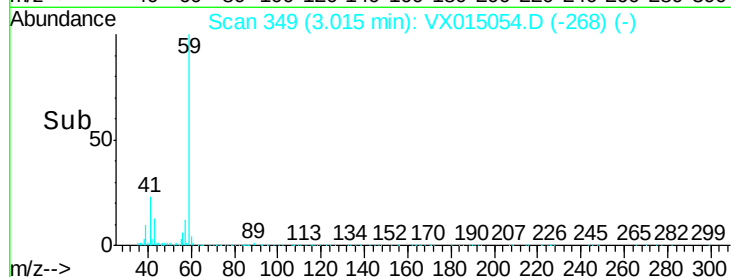
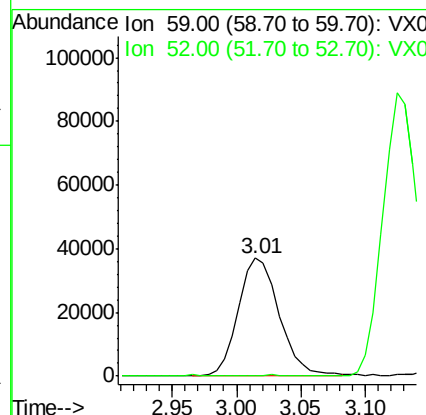
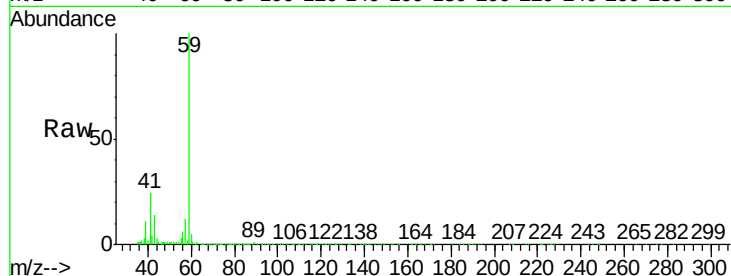
tert-Butyl Alcohol
Concen: 102.698 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.5	0.4	0.6

Manual Integrations
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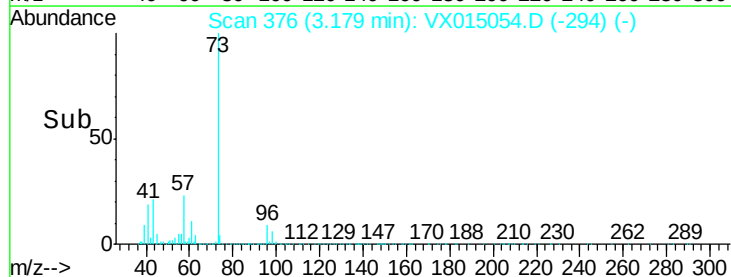
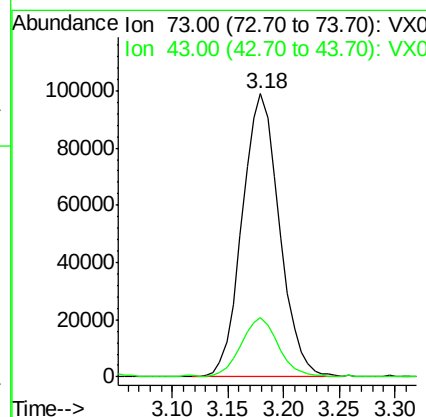
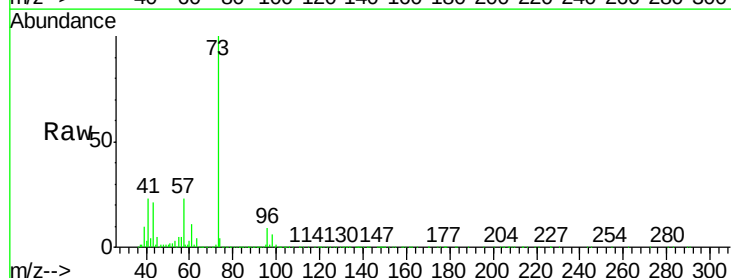
MMDadoda
3/2/2020 11:32:23 AM

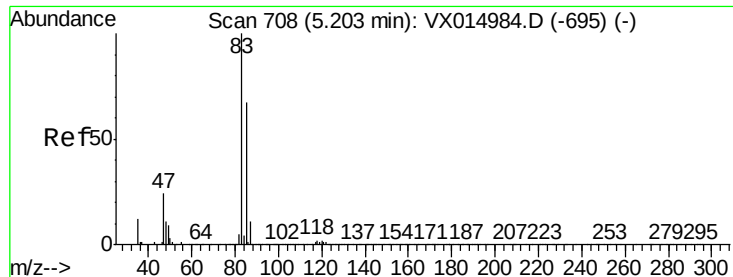


#24

Methyl tert-Butyl Ether
Concen: 19.453 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.5	17.7	26.5





#25

Chloroform

Concen: 19.197 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampled :

VX0228WBSD01

Tot Ion: 83 Resp: 133878

Ion Ratio Lower Upper

83 100

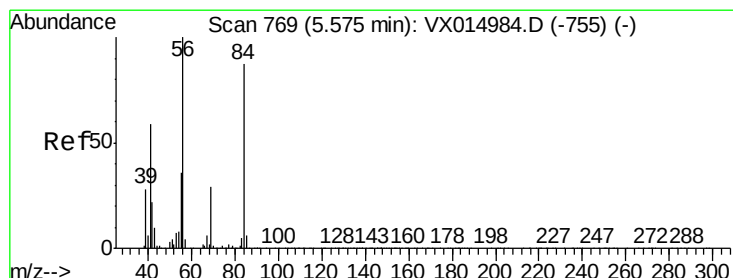
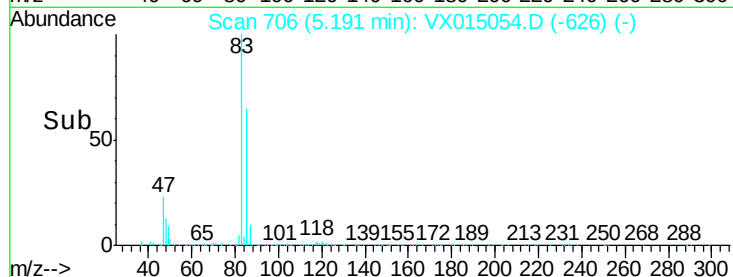
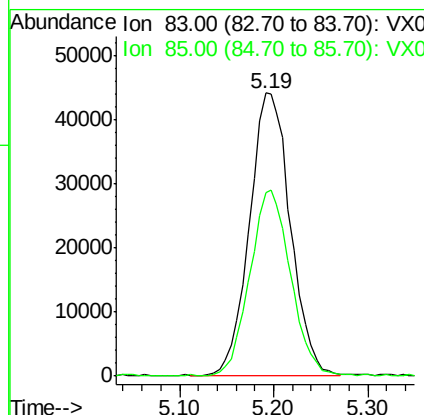
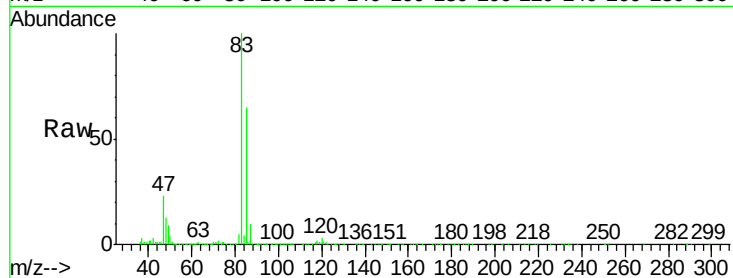
85 64.5 53.4 80.0

Manual Integrations

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MMDadoda

3/2/2020 11:32:23 AM



#26

Cyclohexane

Concen: 19.856 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

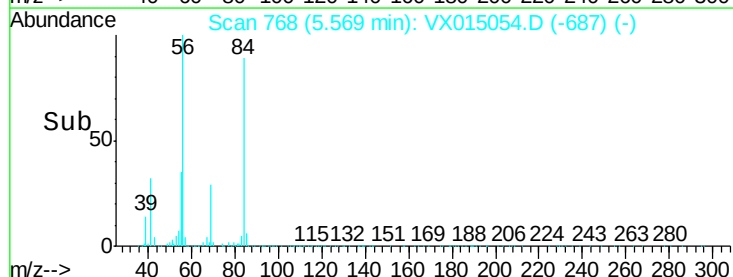
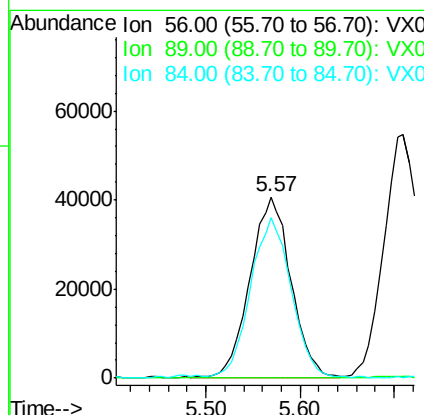
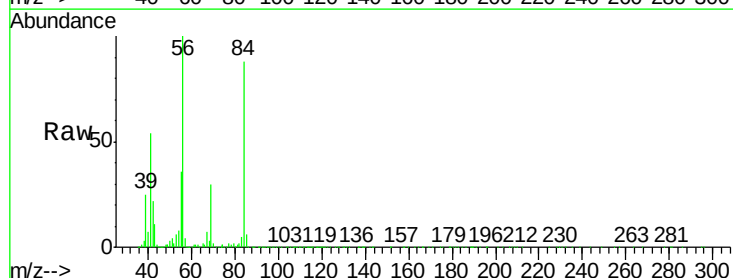
Tgt Ion: 56 Resp: 122724

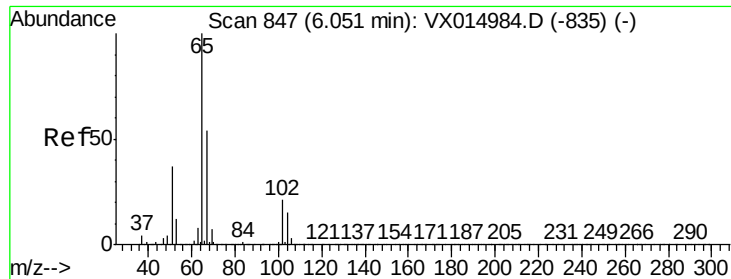
Ion Ratio Lower Upper

56 100

89 0.1 0.2 0.2#

84 88.3 71.8 107.8





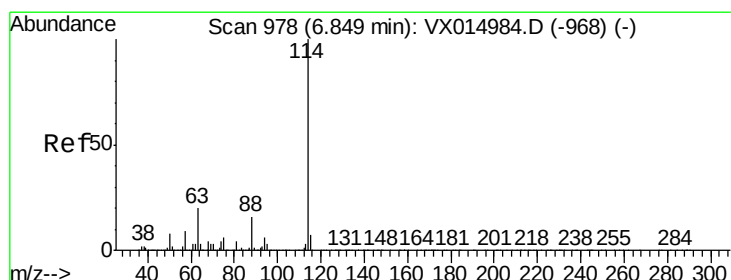
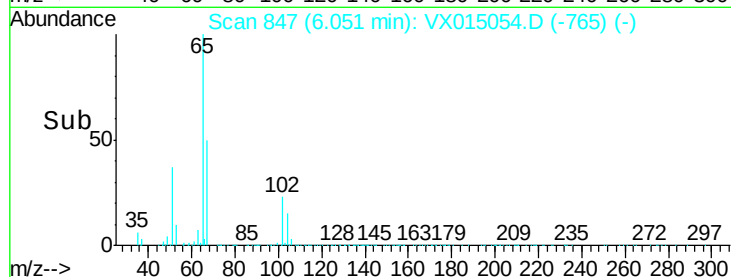
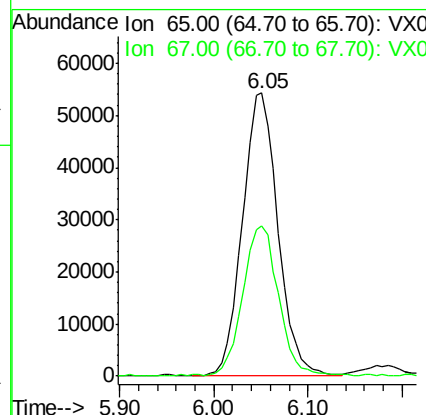
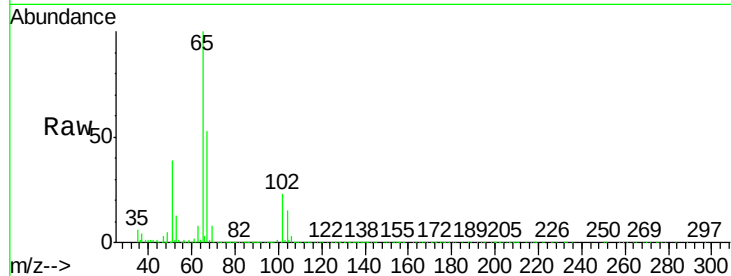
#27
 1,2-Dichloroethane-d4
 Concen: 30.277 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	41.9	62.9

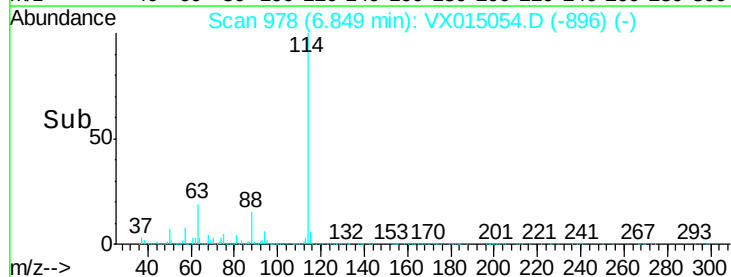
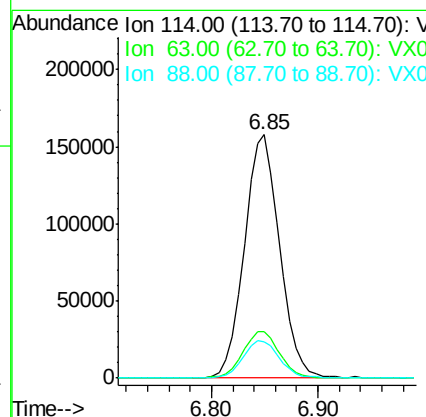
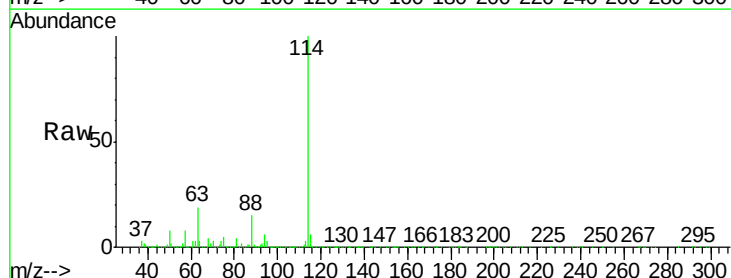
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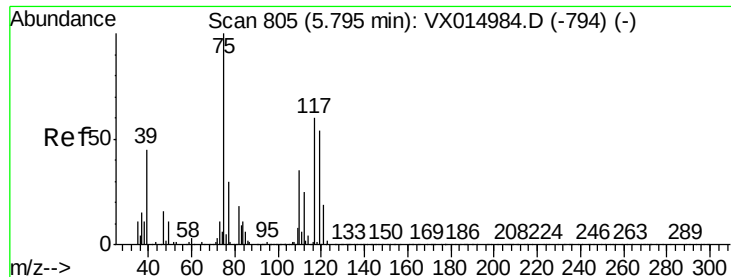
MMDadoda
 3/2/2020 11:32:23 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	15.6	23.4
88	15.8	12.2	18.2





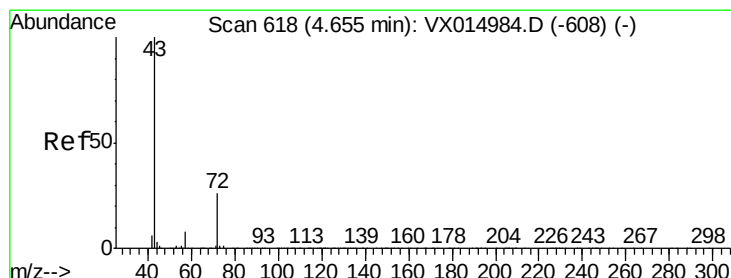
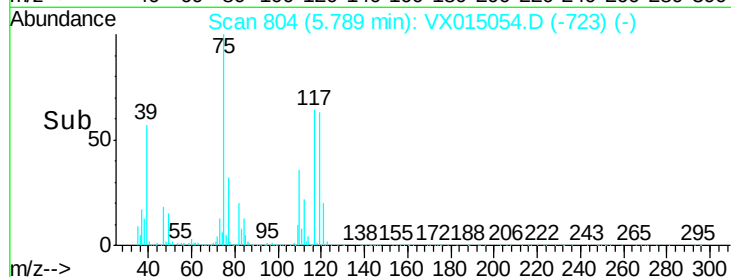
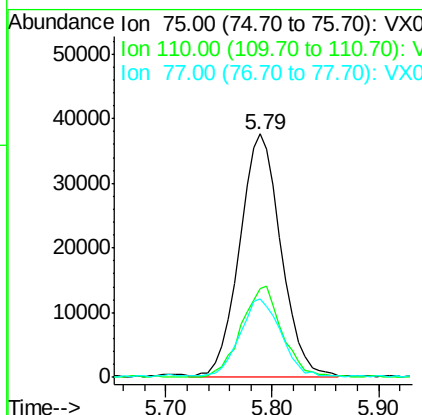
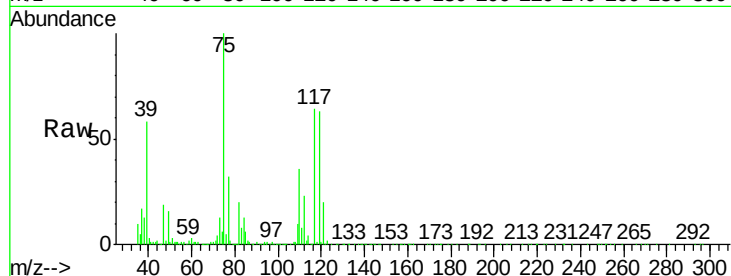
#29
 1,1-Dichloropropene
 Concen: 19.897 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	37.2	0.0	75.0
77	31.4	0.0	64.0

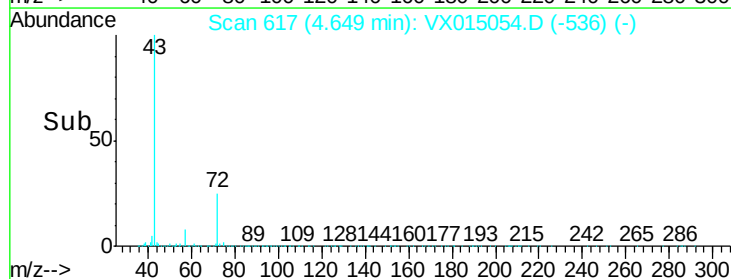
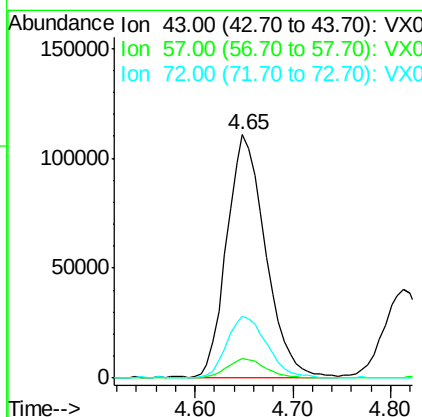
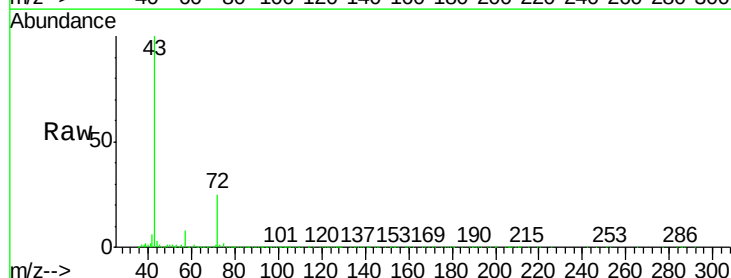
Manual Integrations
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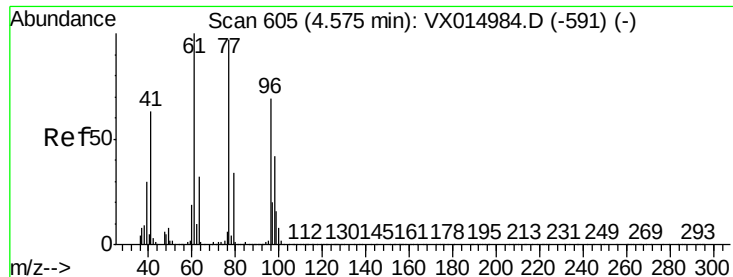
MMDadoda
 3/2/2020 11:32:23 AM



#30
 2-Butanone
 Concen: 101.322 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.0	6.5	9.7
72	25.8	20.3	30.5





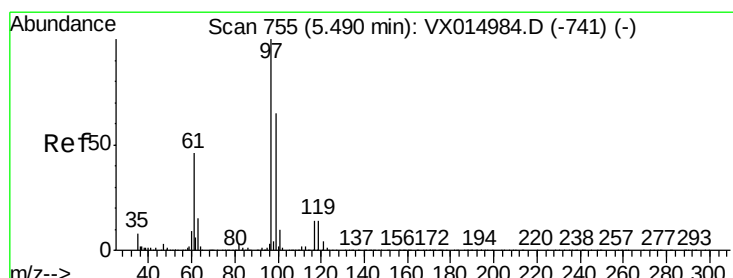
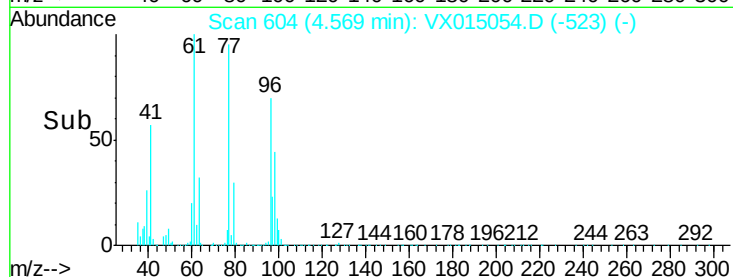
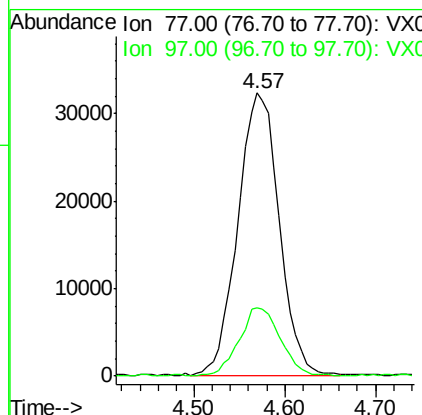
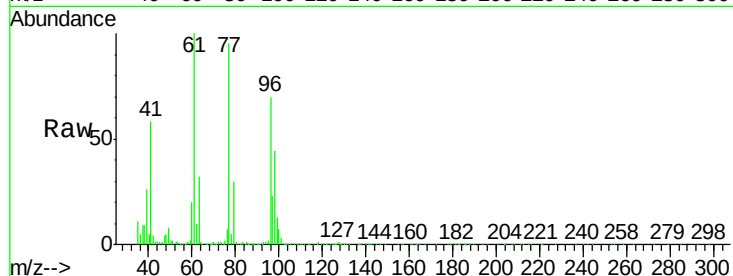
#31
 2,2-Dichloropropane
 Concen: 18.036 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
77	100		
97	24.3	18.4	27.6

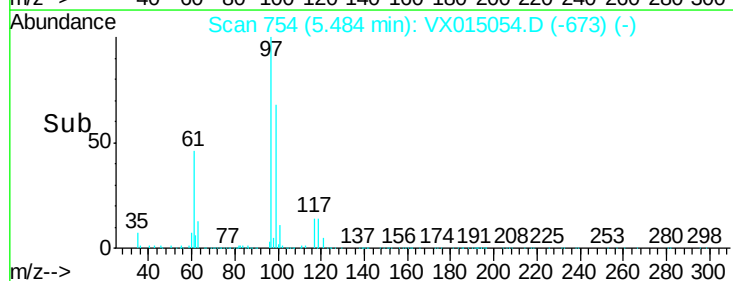
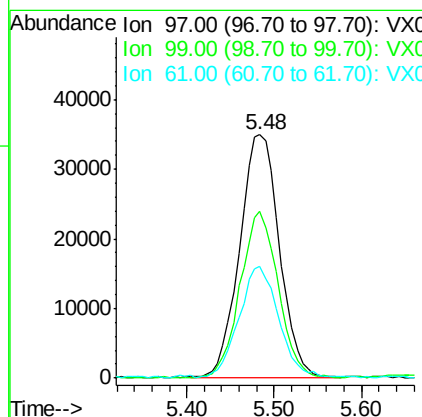
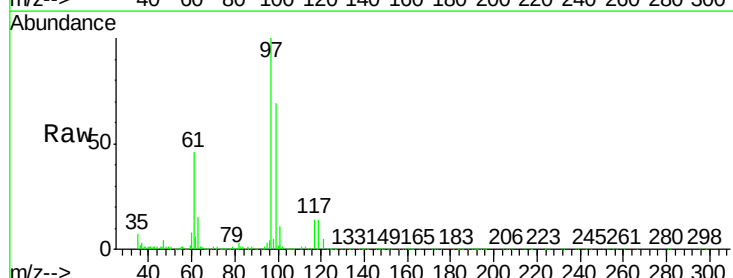
Manual Integrations
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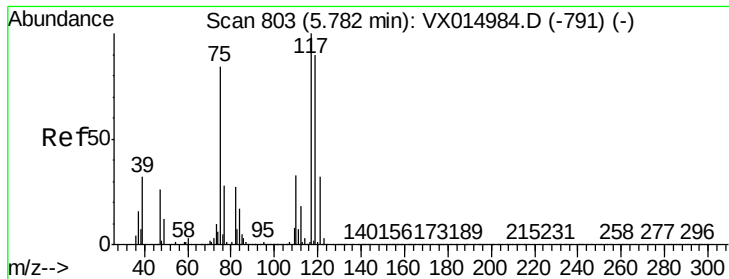
MMDadoda
 3/2/2020 11:32:23 AM



#32
 1,1,1-Trichloroethane
 Concen: 18.775 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	53.0	79.6
61	44.7	36.2	54.2





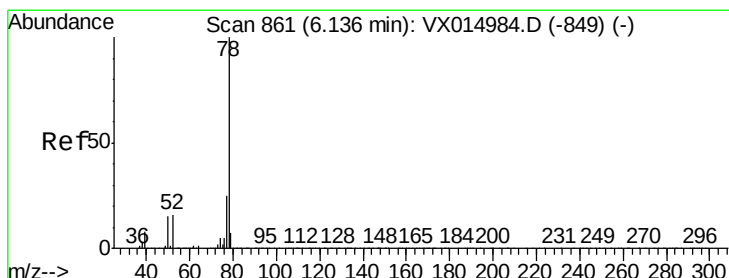
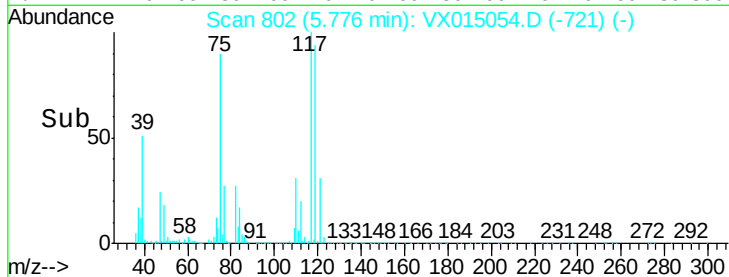
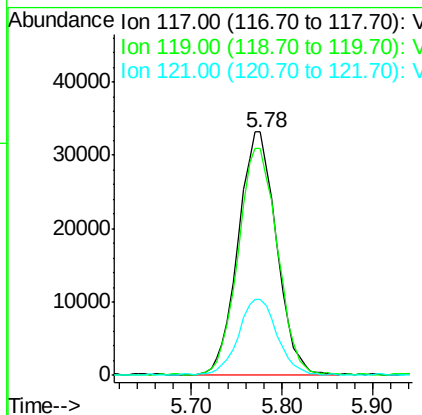
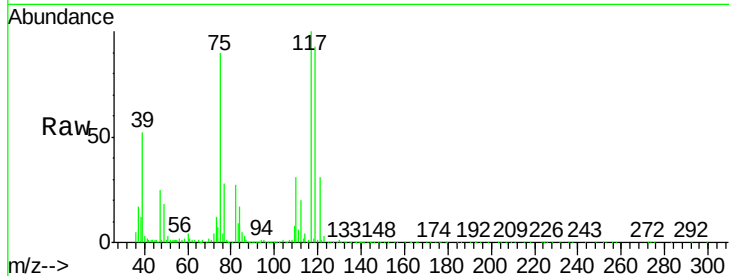
#33
Carbon Tetrachloride
Concen: 18.772 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.4	71.9	107.9
121	31.0	25.4	38.2

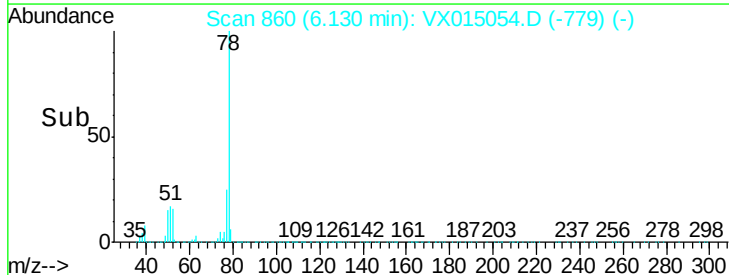
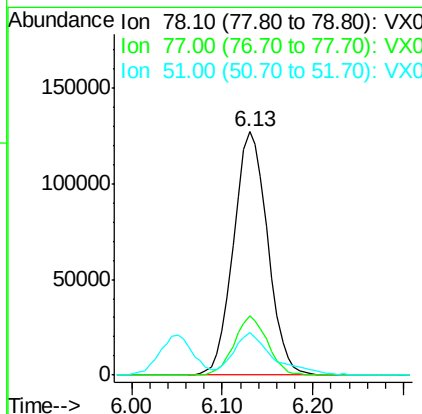
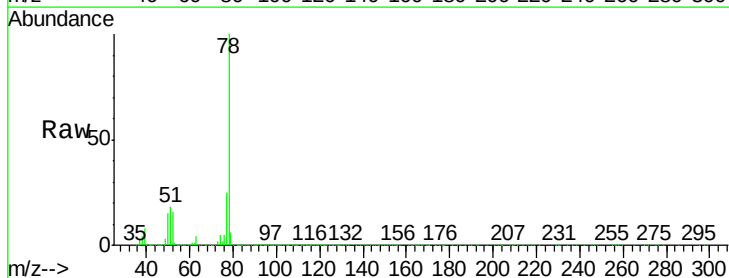
Manual Integrations
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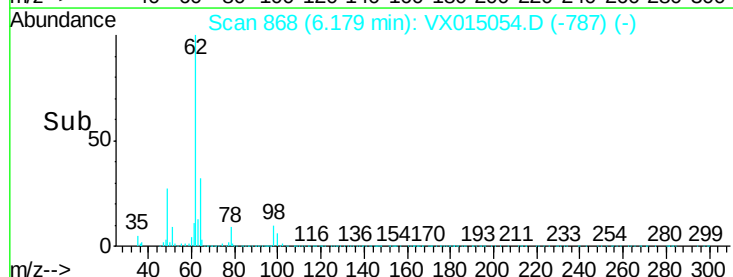
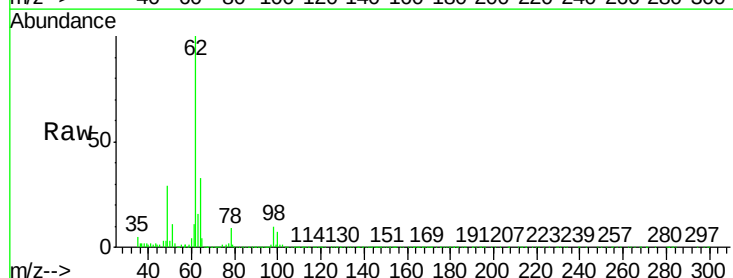
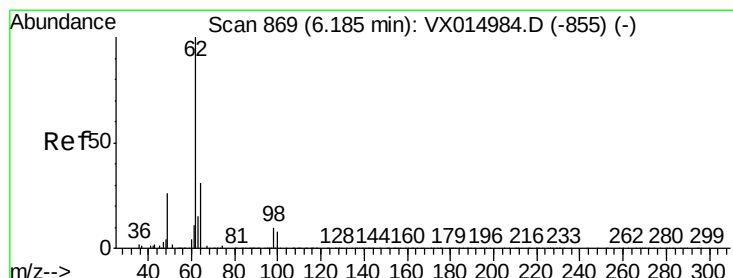
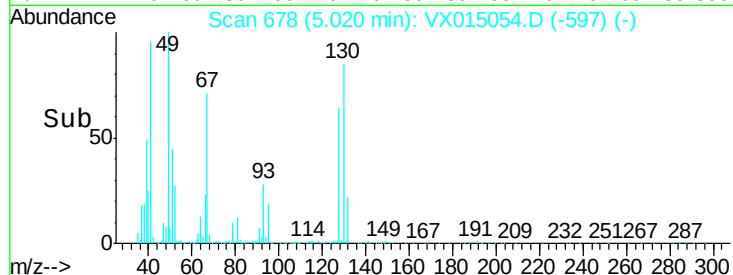
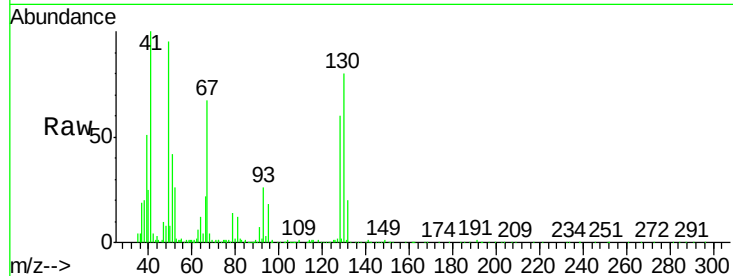
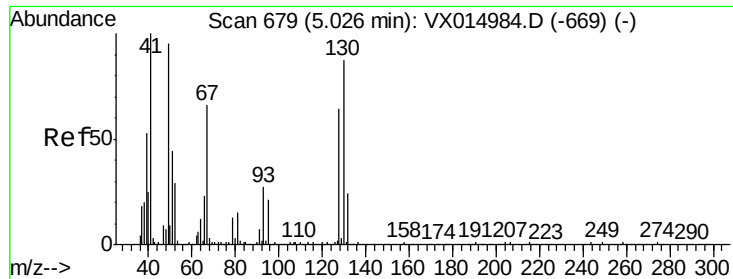
MMDadoda
3/2/2020 11:32:23 AM



#34
Benzene
Concen: 21.151 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

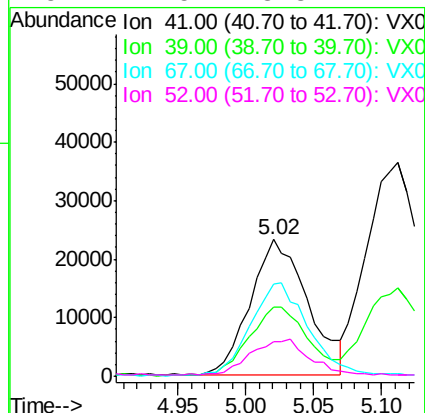
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	20.0	30.0
51	17.4	13.3	19.9





#35
Methacrylonitrile
Concen: 22.309 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		67937		
39	49.3	25.9	77.7		
67	66.9	32.7	98.1		
52	24.5	13.8	41.4		



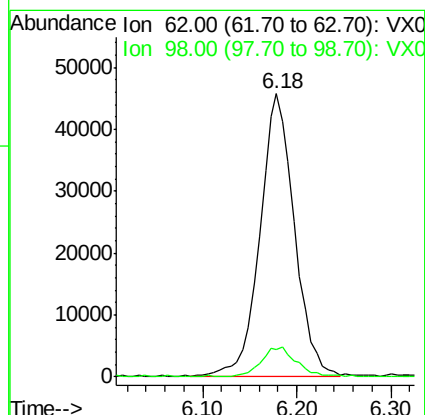
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

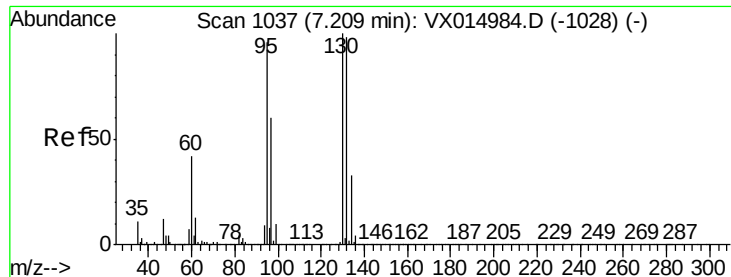
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#36
1,2-Dichloroethane
Concen: 21.051 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		116291		
98	11.0	7.5	11.3		





#37

Trichloroethene

Concen: 20.277 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion:130 Resp: 88849

Ion Ratio Lower Upper

130 100

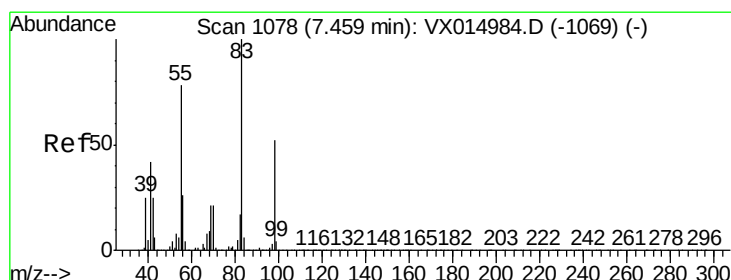
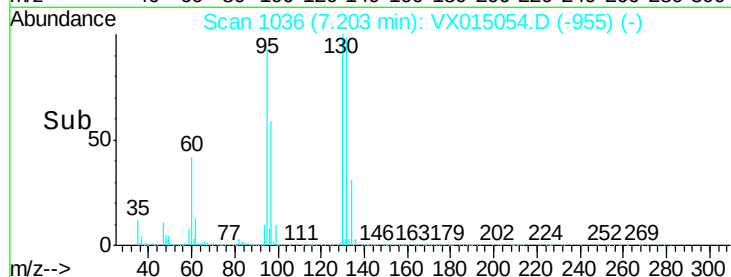
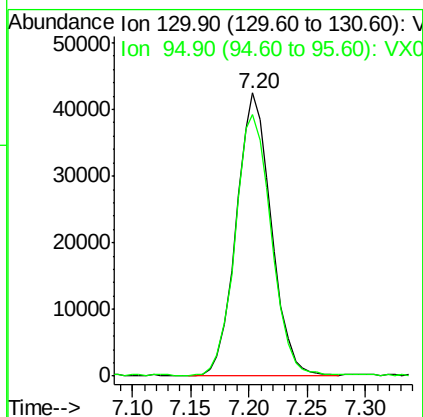
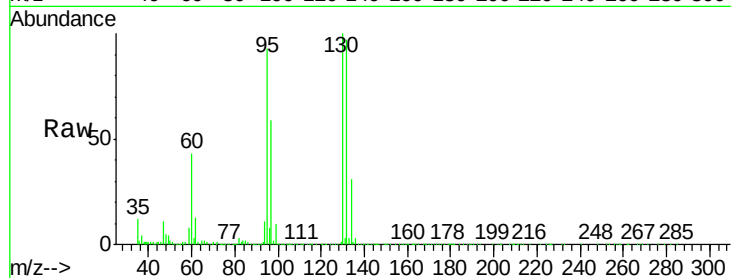
95 92.3 77.1 115.7

Manual Integrations

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MMDadoda

3/2/2020 11:32:23 AM



#38

Methylcyclohexane

Concen: 19.540 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

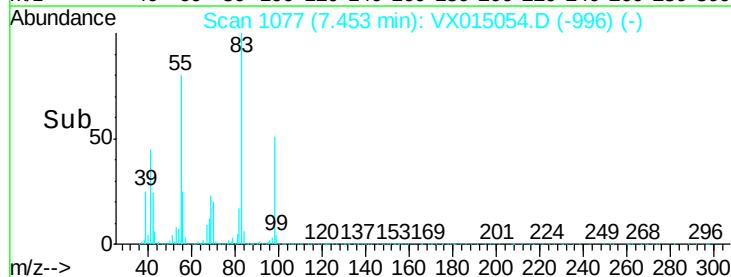
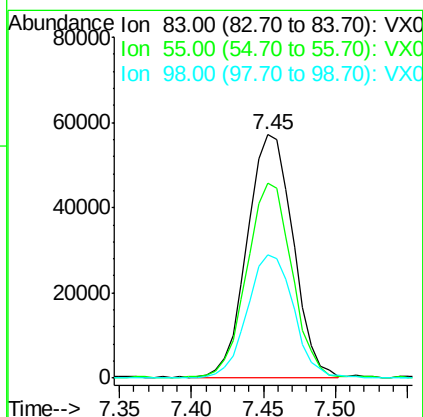
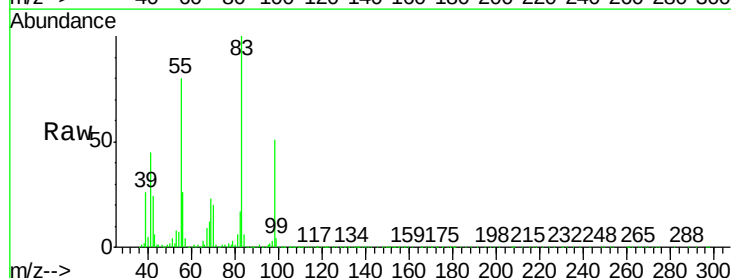
Tgt Ion: 83 Resp: 125269

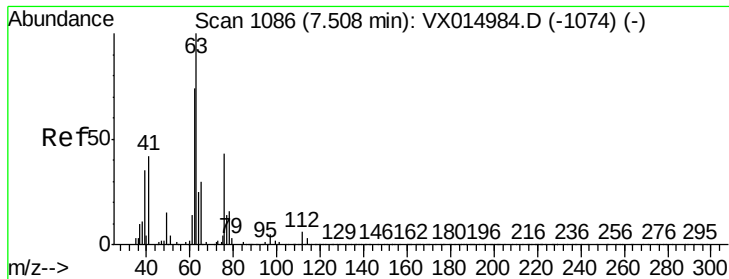
Ion Ratio Lower Upper

83 100

55 79.1 38.2 114.6

98 51.6 25.3 75.8





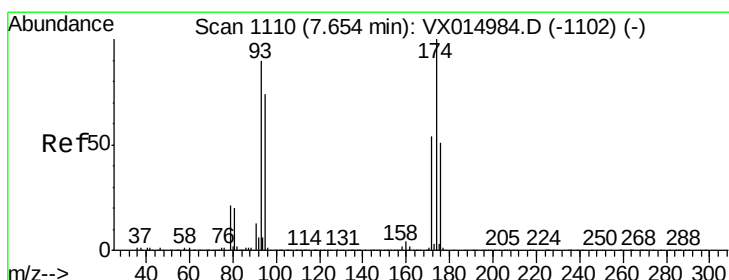
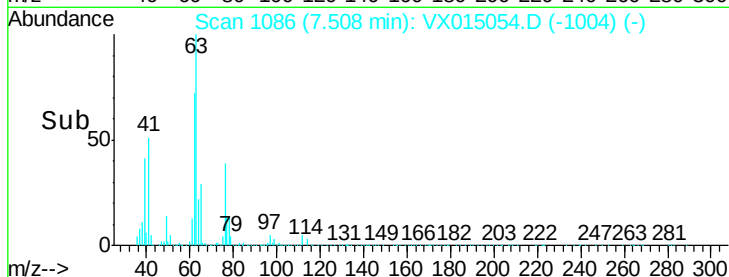
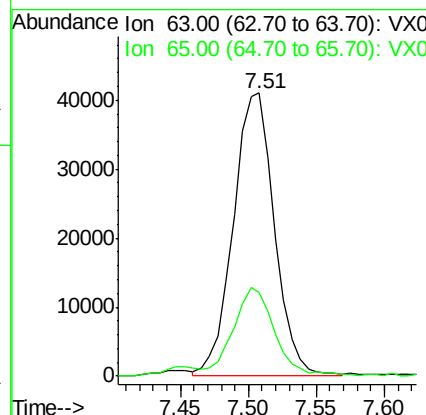
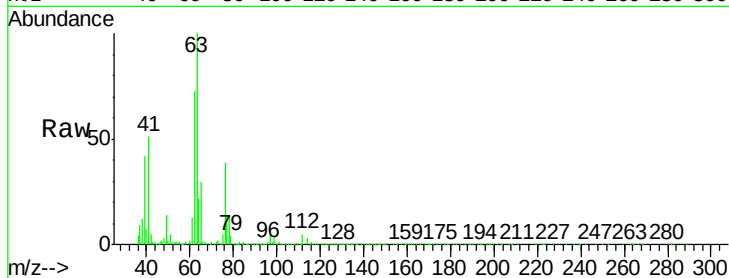
#39
 1,2-Dichloropropane
 Concen: 21.310 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.3	24.6	36.8

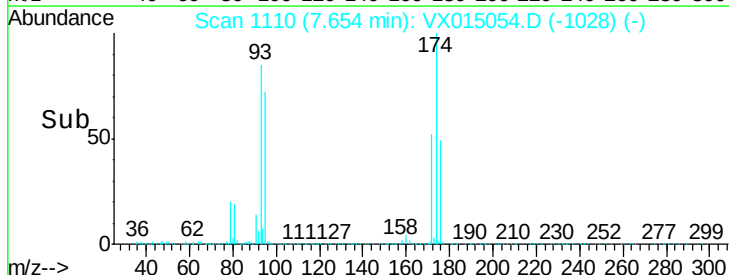
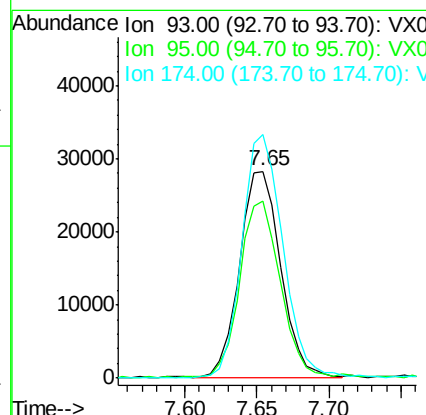
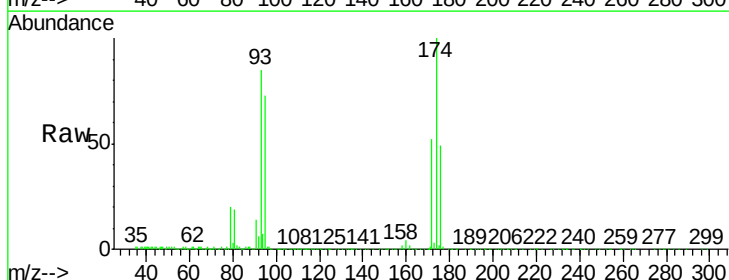
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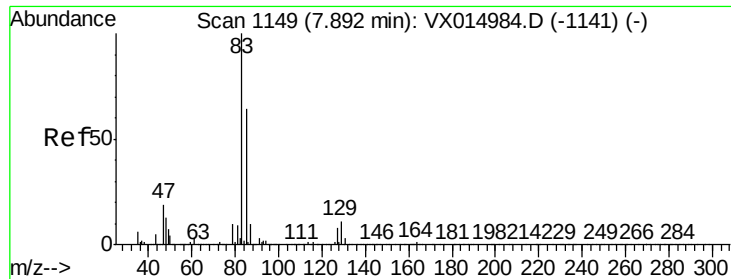
MMDadoda
 3/2/2020 11:32:23 AM



#40
 Dibromomethane
 Concen: 20.993 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	0.0	164.6
174	116.9	0.0	226.4





#41

Bromodichloromethane

Concen: 20.579 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

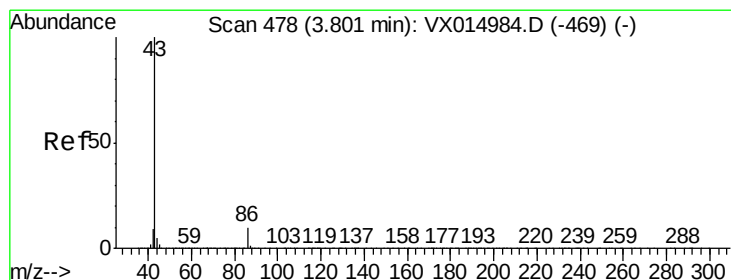
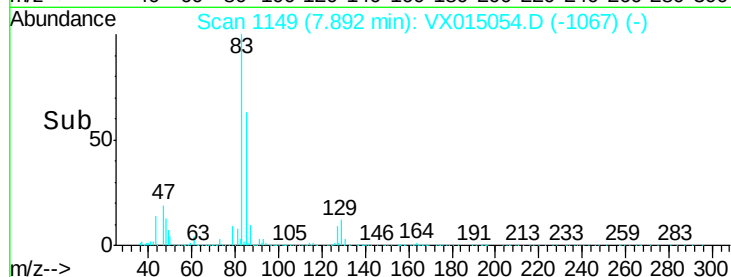
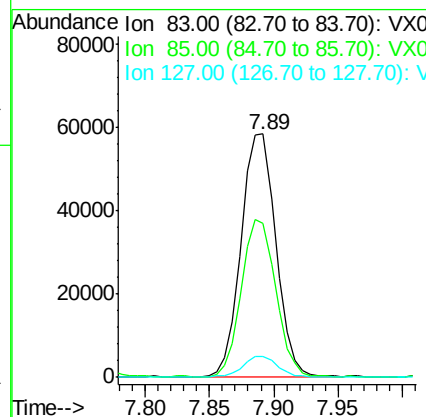
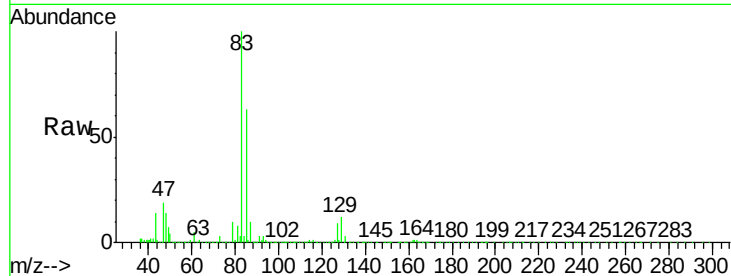
ClientSampleId :

VX0228WBSD01

Tot Ion	83	Resp	109044
Ion Ratio	Lower	Upper	
83	100		
85	62.9	51.0	76.4
127	8.5	6.6	10.0

Manual Integrations
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3/2/2020 11:32:23 AM



#42

Vinyl Acetate

Concen: 104.800 ug/l

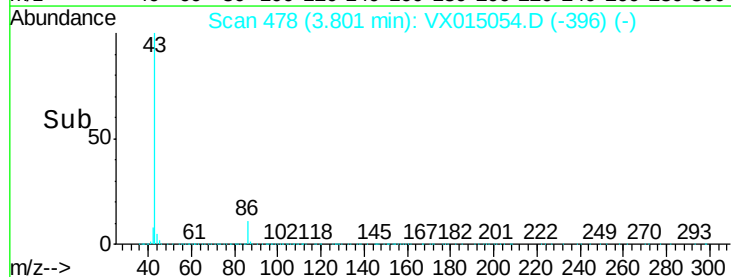
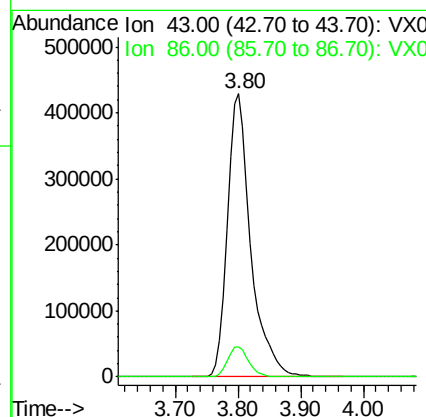
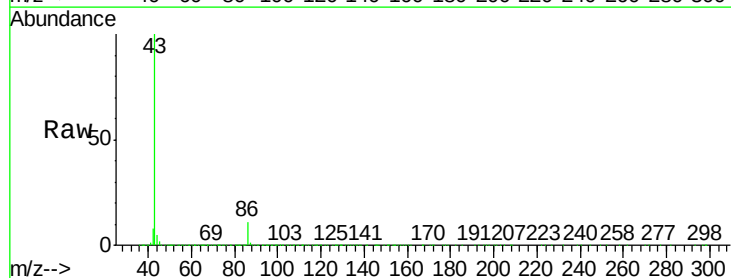
RT: 3.80 min Scan# 478

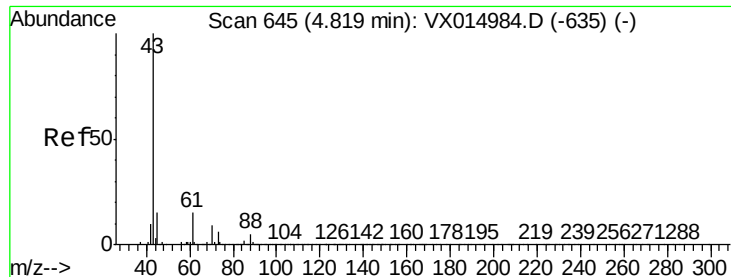
Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Tgt Ion	43	Resp	1101213
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.6	11.4





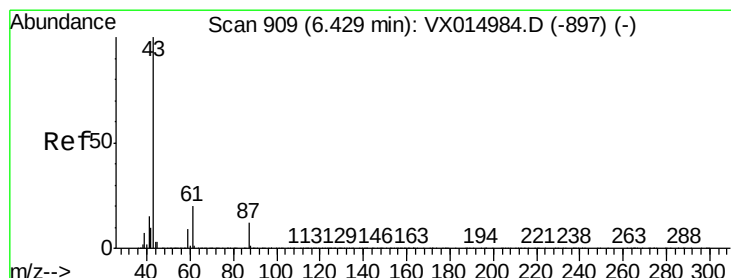
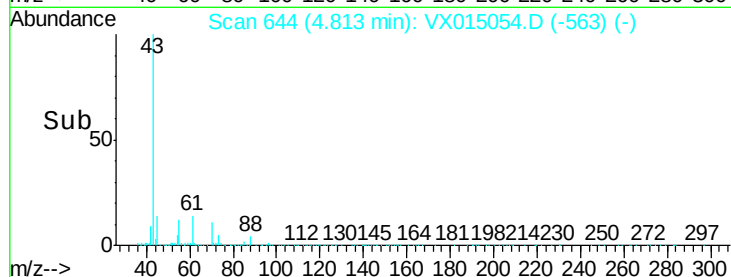
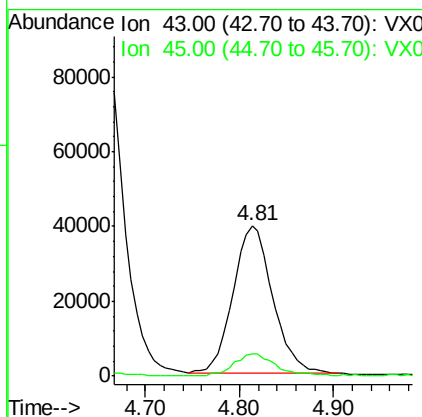
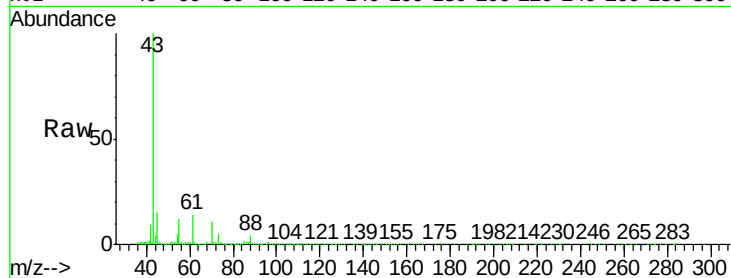
#43
Ethyl Acetate
Concen: 21.336 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.3	10.8	16.2

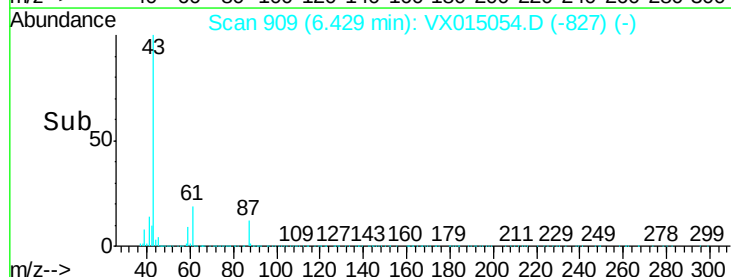
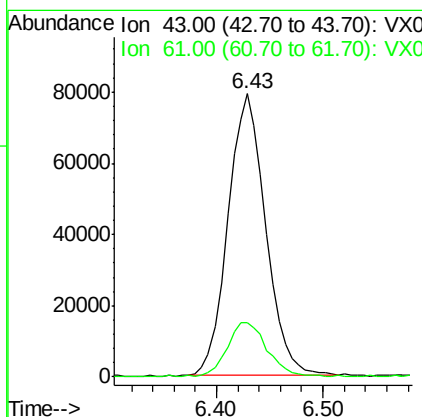
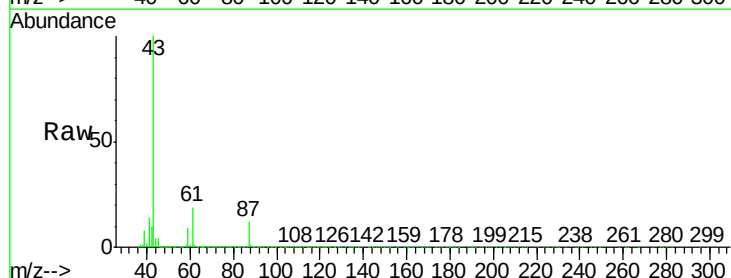
Manual Integrations
APPROVED

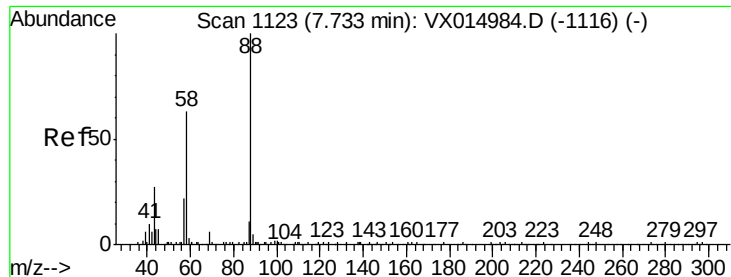
MMDadoda
3/2/2020 11:32:23 AM



#44
Isopropyl Acetate
Concen: 21.527 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.6	23.4





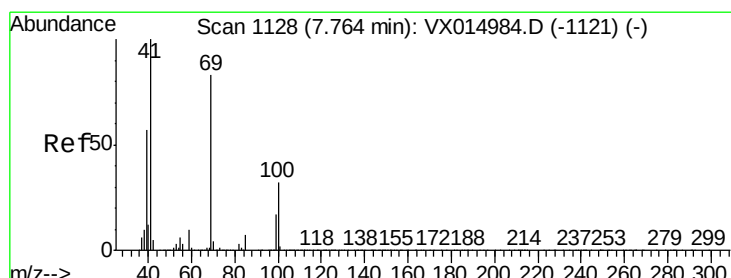
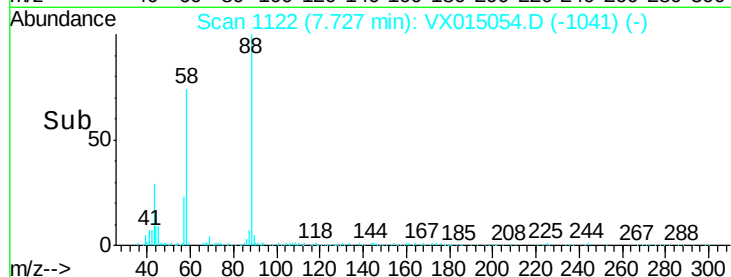
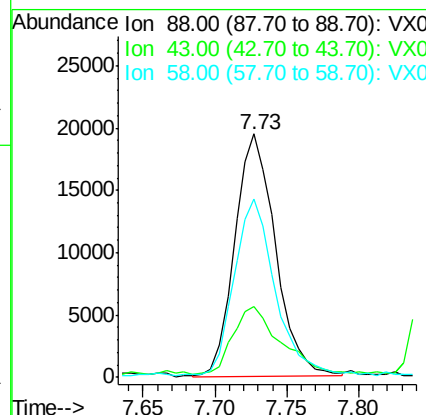
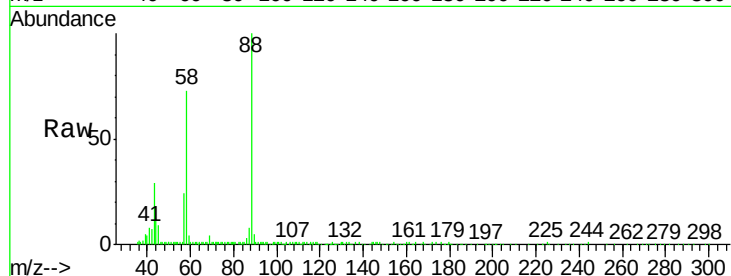
#45
1,4-Dioxane
Concen: 455.789 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.4	38.2
58	72.6	55.8	83.8

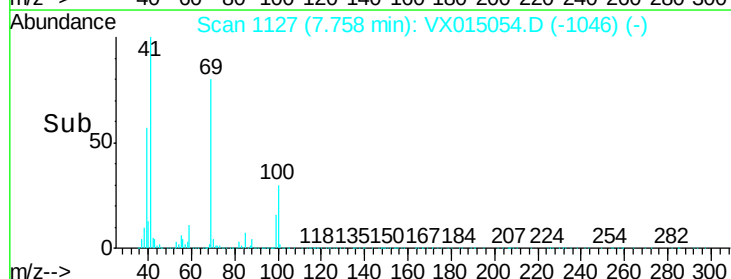
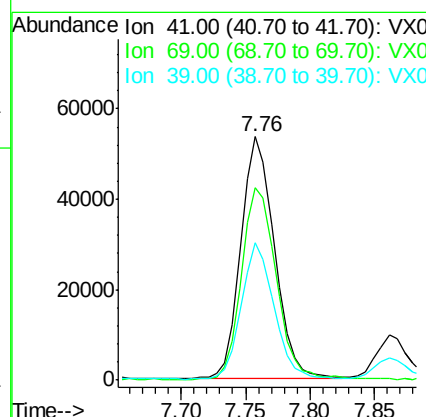
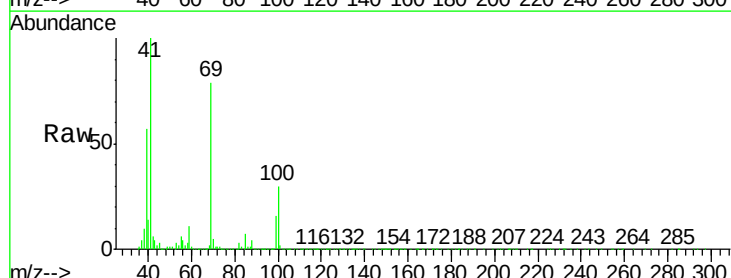
Manual Integrations
APPROVED

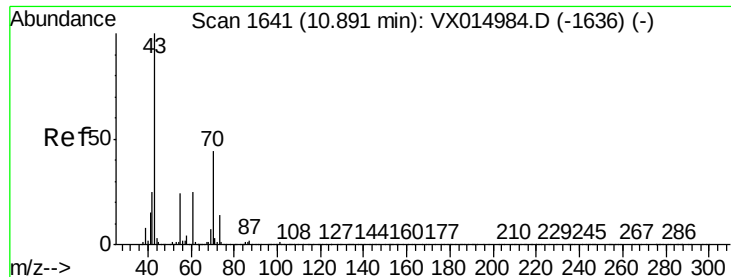
MMDadoda
3/2/2020 11:32:23 AM



#46
Methyl methacrylate
Concen: 21.430 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.6	41.4	124.2
39	56.4	28.3	84.9





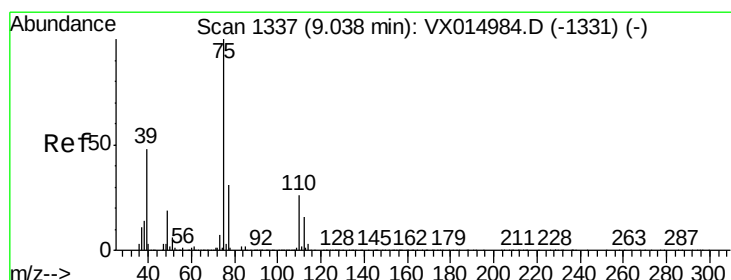
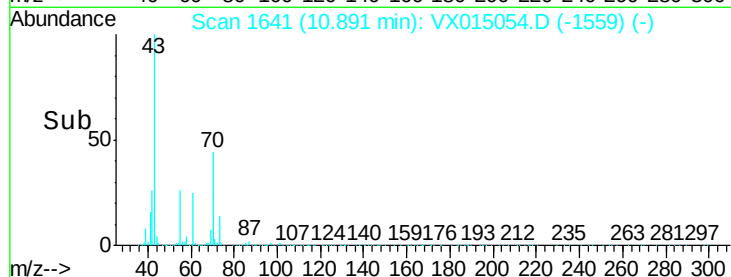
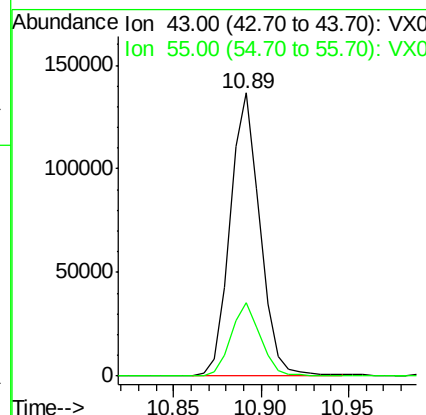
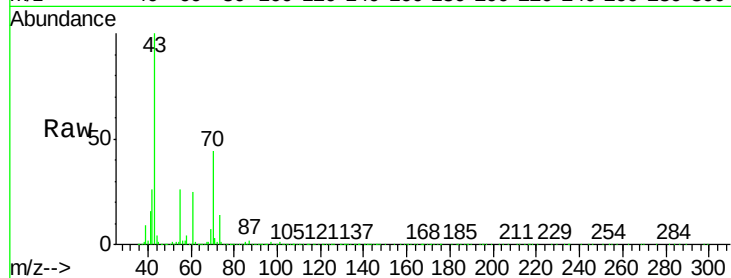
#47
n-amvl Acetate
Concen: 20.508 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	43	Resp	161328
Ion Ratio	100	Lower	Upper
43	100		
55	25.3	19.2	28.8

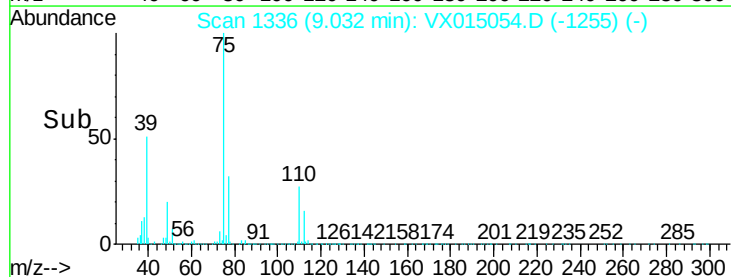
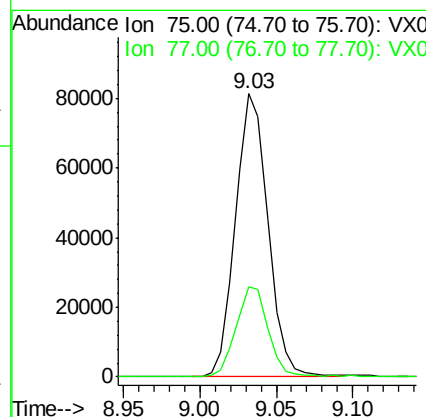
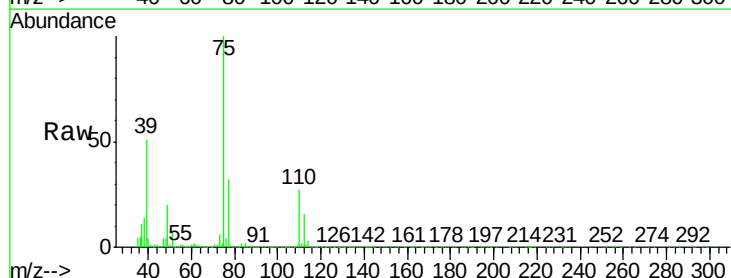
Manual Integrations
APPROVED

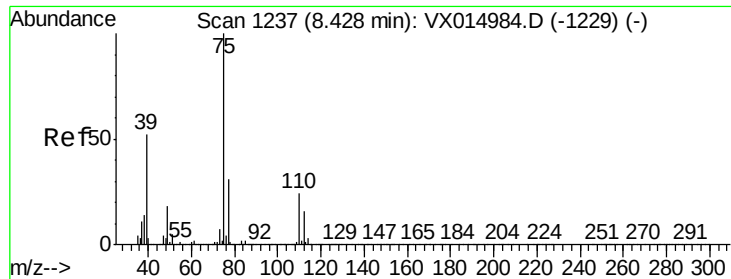
MMDadoda
3/2/2020 11:32:23 AM



#48
t-1,3-Dichloropropene
Concen: 20.344 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	75	Resp	119600
Ion Ratio	100	Lower	Upper
75	100		
77	31.5	24.6	36.8





#49

cis-1,3-Dichloropropene

Concen: 20.872 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

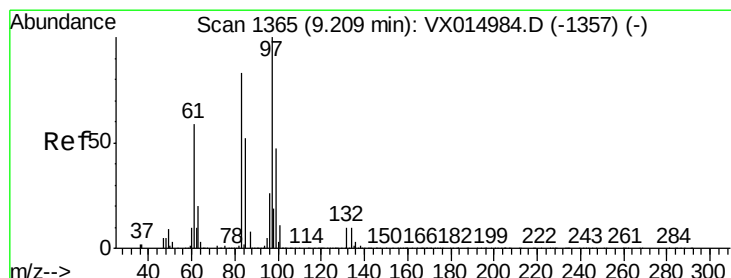
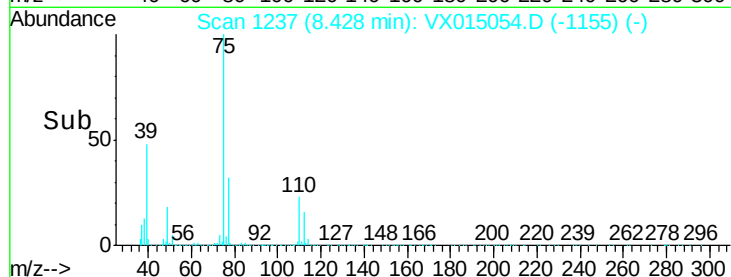
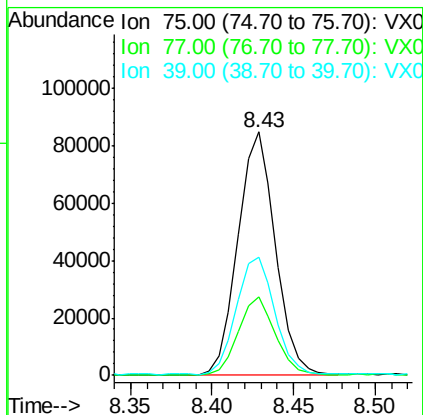
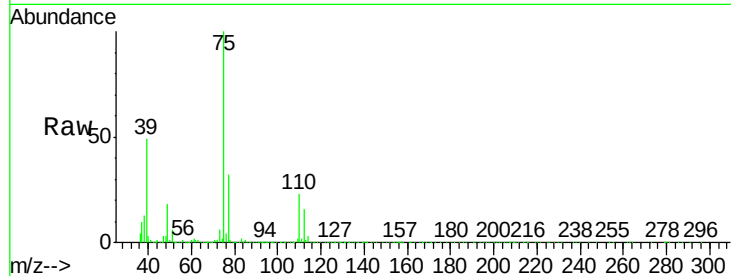
ClientSampleId :

VX0228WBSD01

Tot Ion:	75	Resp:	135090
Ion Ratio		Lower	Upper
75	100		
77	32.0	24.6	36.8
39	48.0	41.5	62.3

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 21.371 ug/l

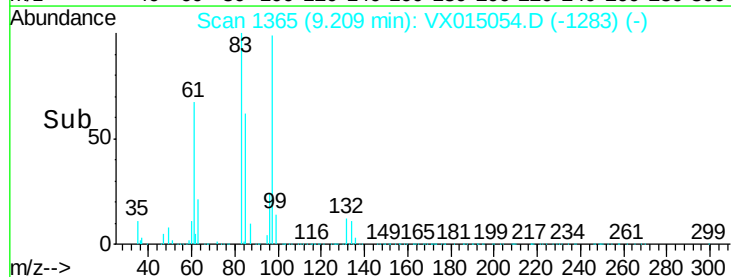
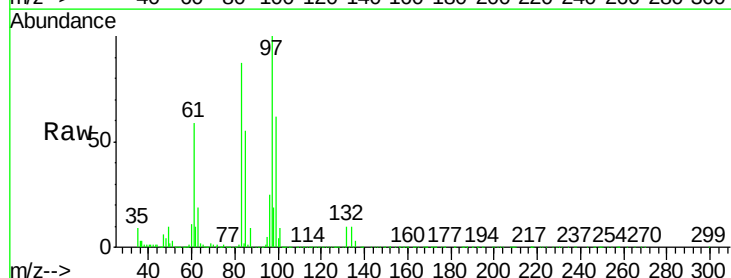
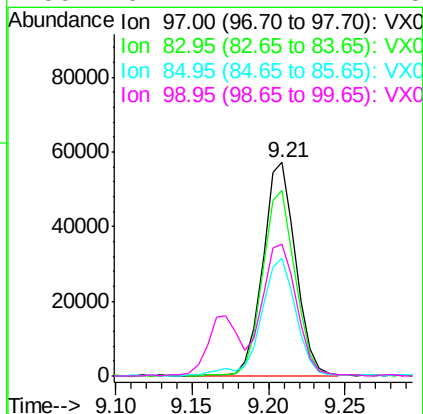
RT: 9.21 min Scan# 1365

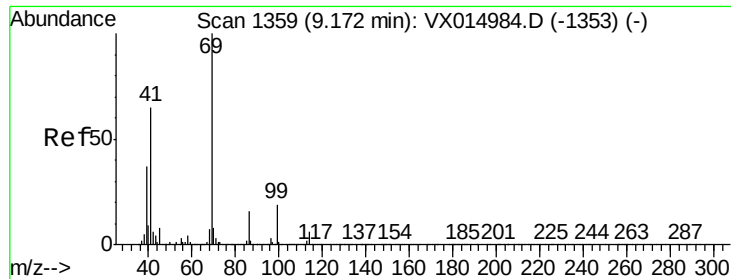
Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Tgt Ion:	97	Resp:	85406
Ion Ratio		Lower	Upper
97	100		
83	86.7	66.2	99.2
85	54.6	42.4	63.6
99	61.4	47.7	71.5





#51

Ethyl methacrylate

Concen: 20.950 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

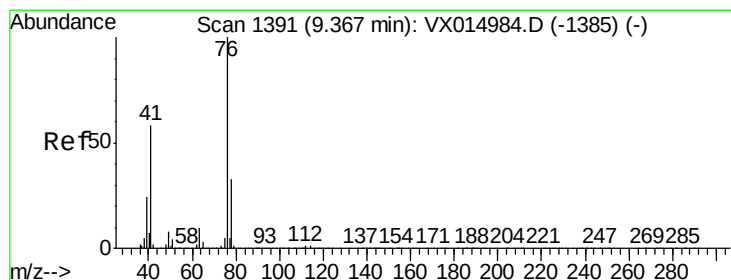
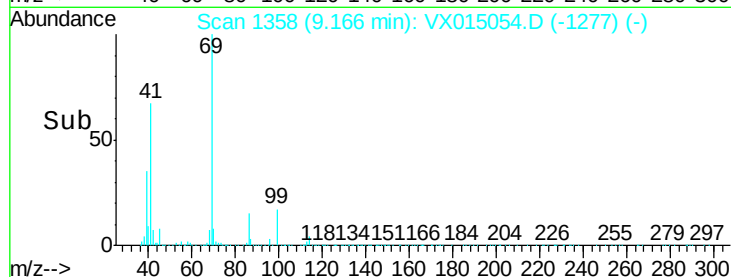
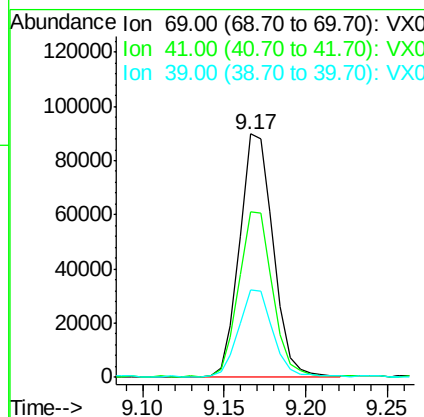
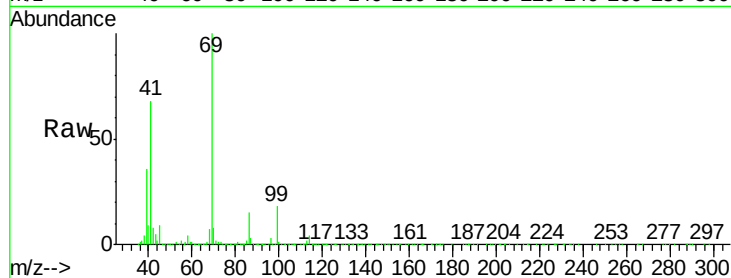
ClientSampleId :

VX0228WBSD01

Tot Ion:	69	Resp:	129223
Ion Ratio	Lower	Upper	
69	100		
41	67.6	32.7	98.1
39	35.4	18.2	54.6

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 21.421 ug/l

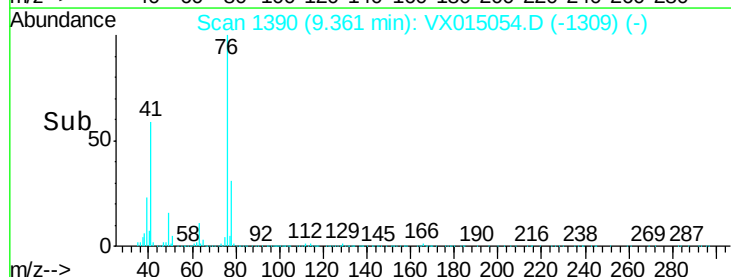
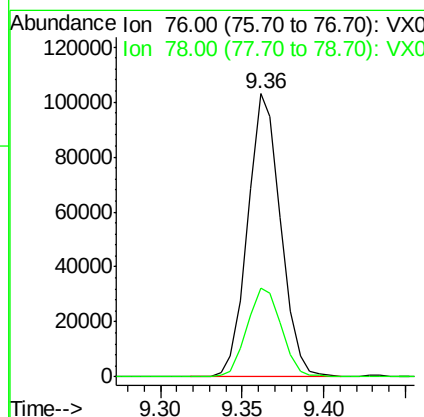
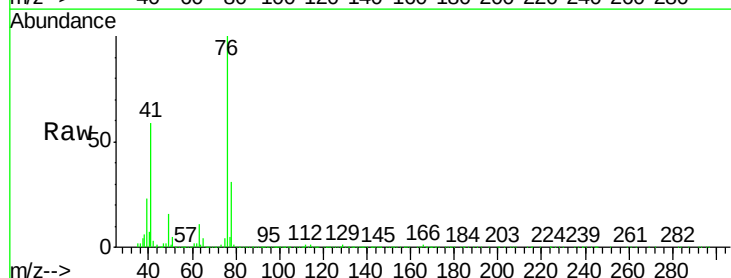
RT: 9.36 min Scan# 1390

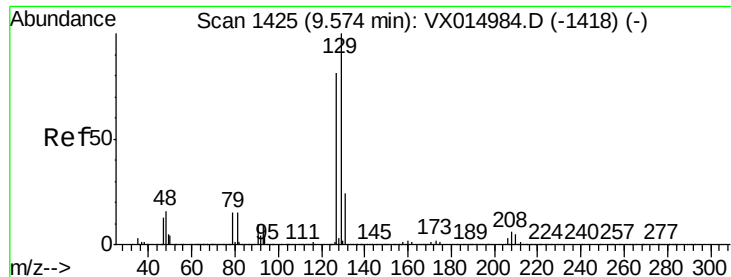
Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Tgt Ion:	76	Resp:	144820
Ion Ratio	Lower	Upper	
76	100		
78	32.7	0.0	65.0





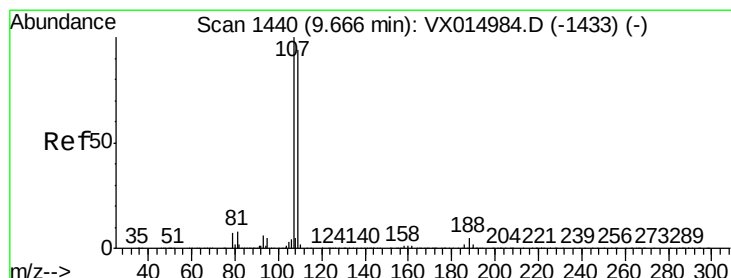
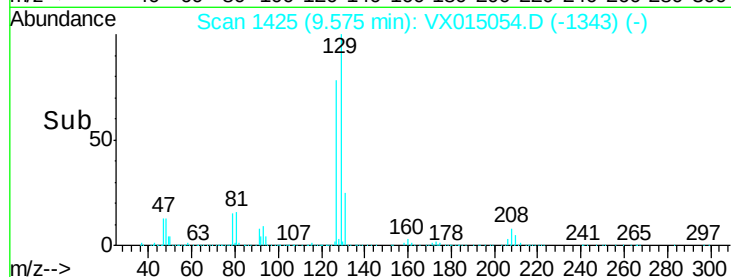
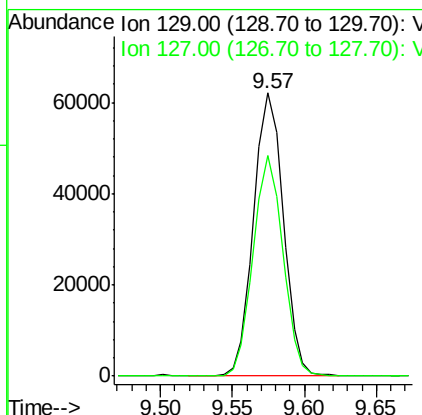
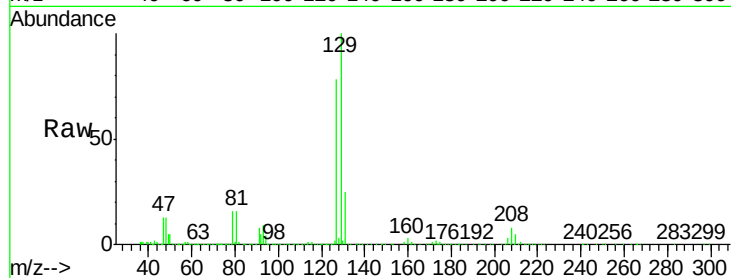
#53
Dibromochloromethane
Concen: 20.536 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.3	114.9

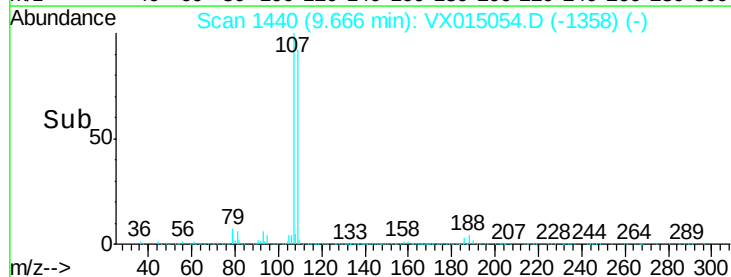
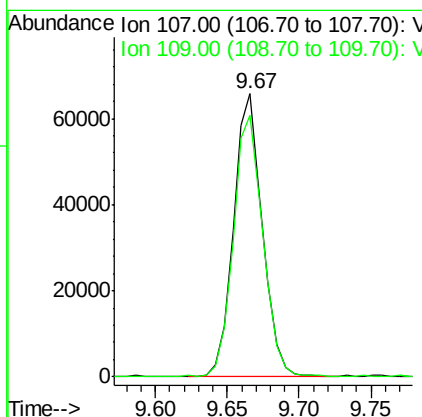
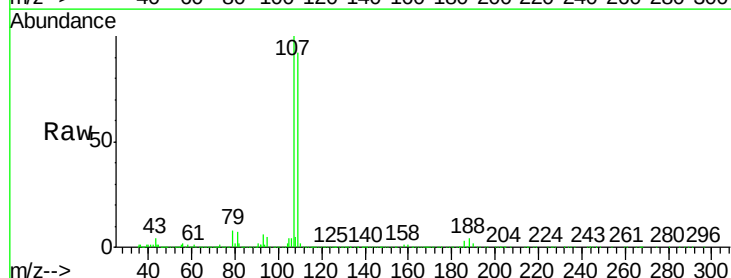
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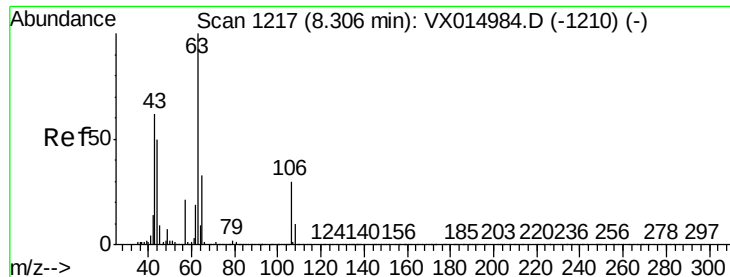
MMDadoda
3/2/2020 11:32:23 AM



#54
1,2-Dibromoethane
Concen: 21.511 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.3	114.5





#55

2-Chloroethyl vinyl ether

Concen: 103.260 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

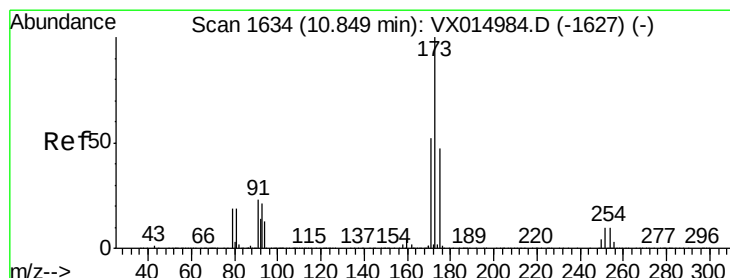
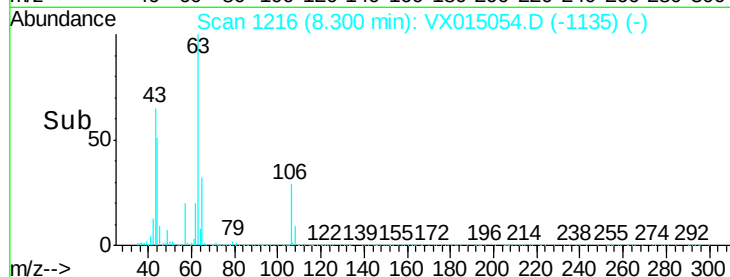
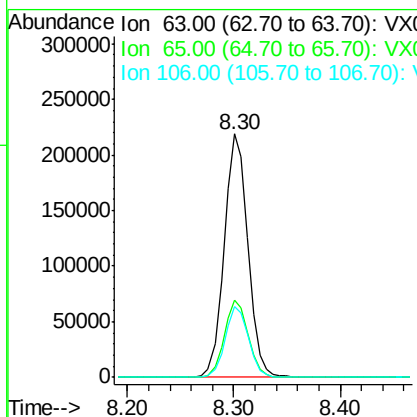
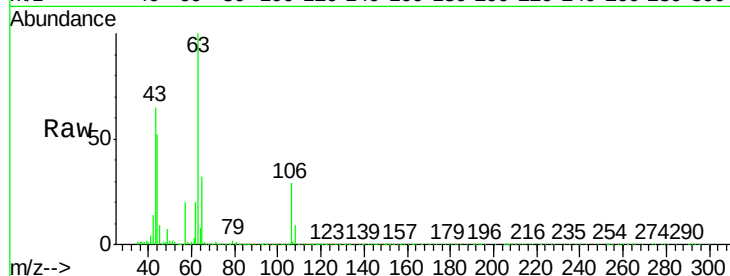
ClientSampleId :

VX0228WBSD01

Tot Ion:	63	Resp:	339280
Ion Ratio	Lower	Upper	
63	100		
65	31.7	26.0	39.0
106	29.0	23.9	35.9

Manual Integrations
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3/2/2020 11:32:23 AM



#56

Bromoform

Concen: 20.169 ug/l

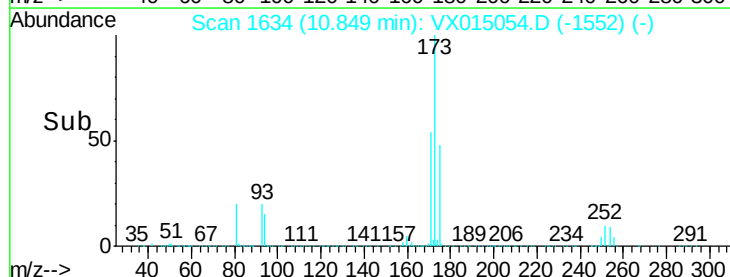
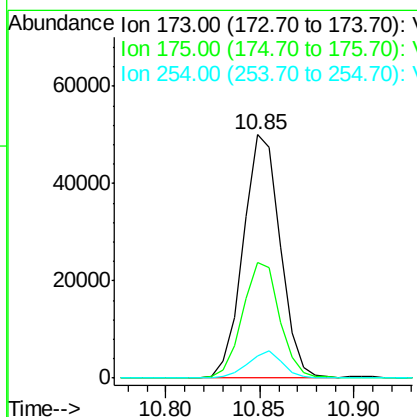
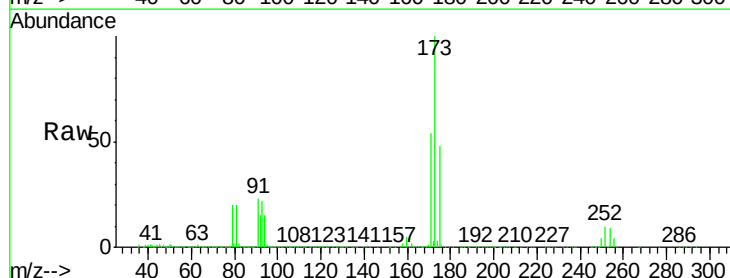
RT: 10.85 min Scan# 1634

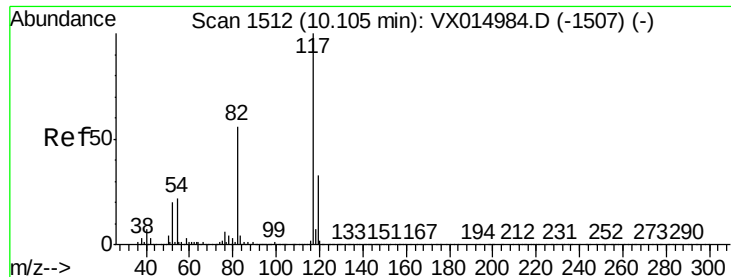
Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Tgt Ion:	173	Resp:	68314
Ion Ratio	Lower	Upper	
173	100		
175	47.7	38.6	57.8
254	10.6	8.6	13.0





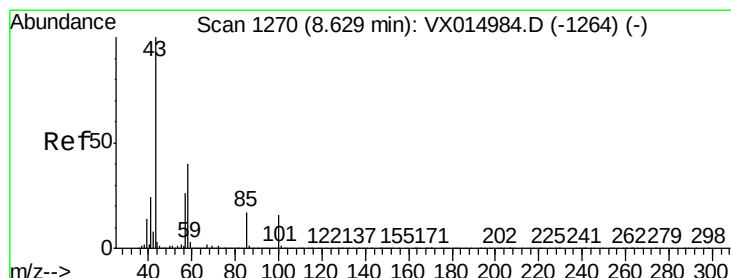
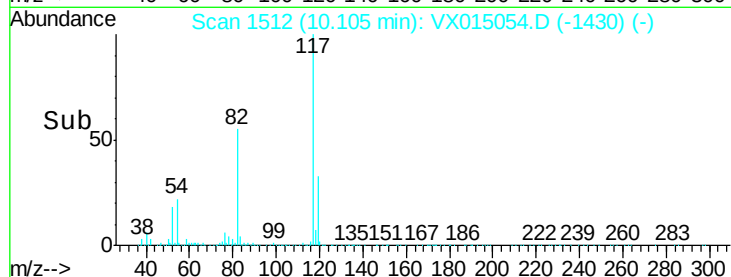
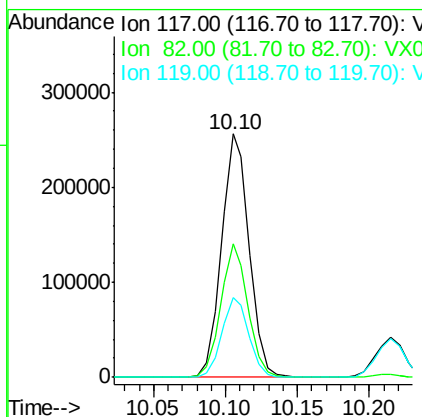
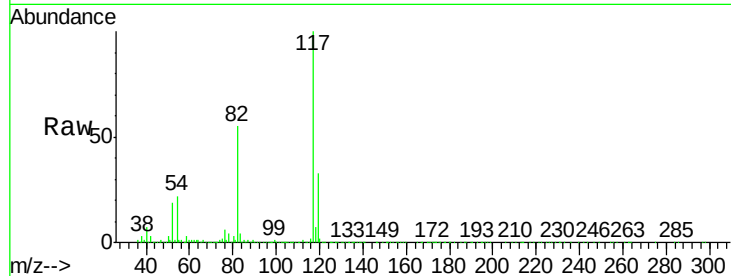
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.0	43.4	65.2
119	32.4	26.0	39.0

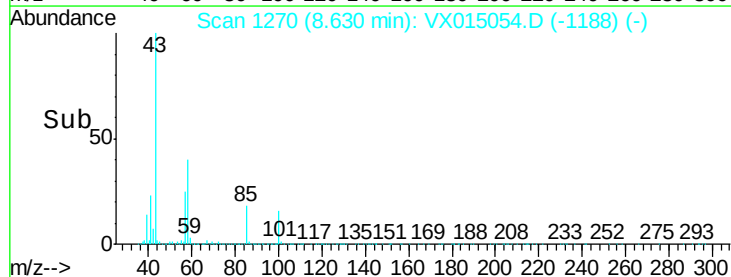
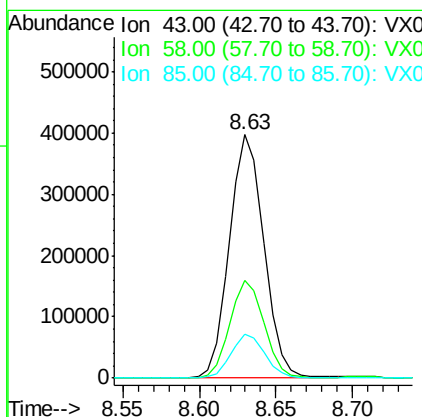
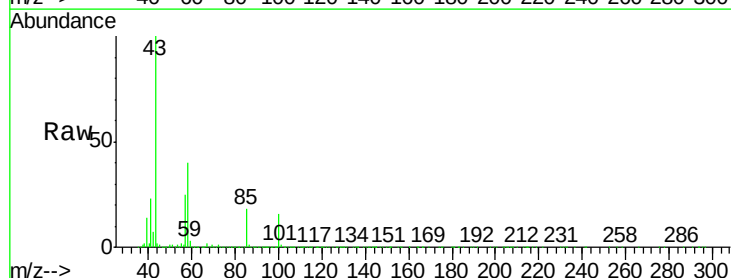
Manual Integrations
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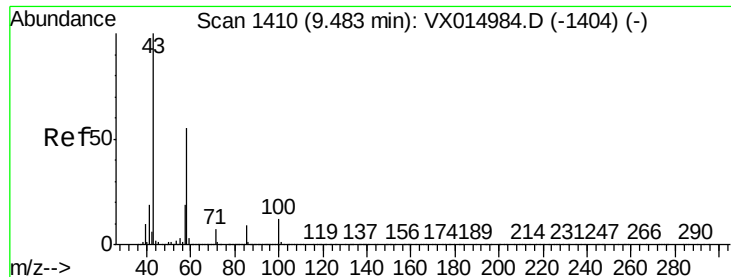
MMDadoda
3/2/2020 11:32:23 AM



#58
4-Methyl-2-Pentanone
Concen: 110.173 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	40.0	31.7	47.5
85	17.8	14.4	21.6





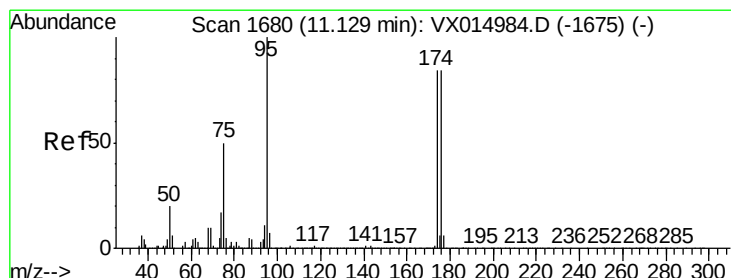
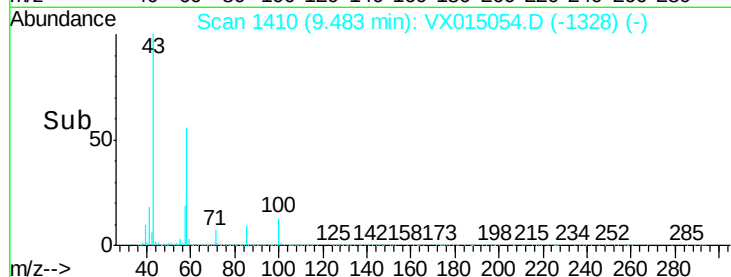
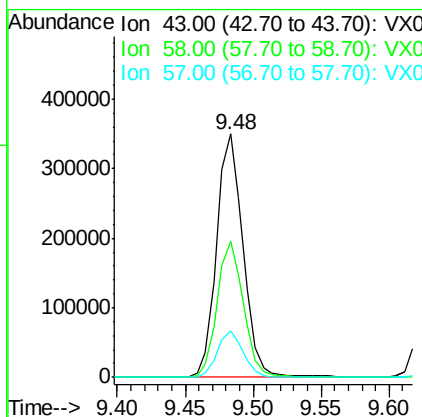
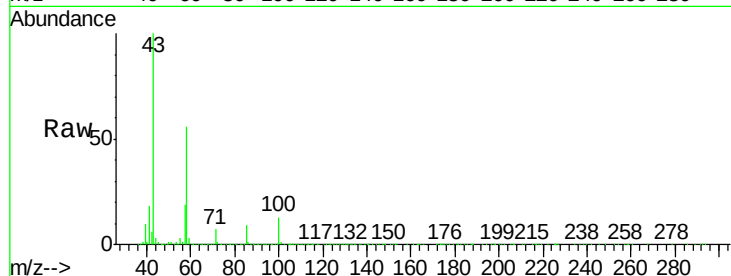
#59
2-Hexanone
Concen: 106.458 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.0	44.1	66.1
57	18.9	15.3	22.9

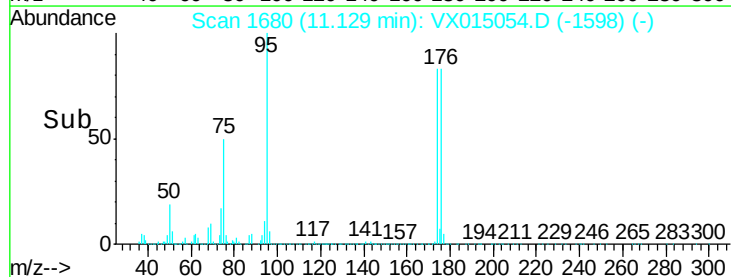
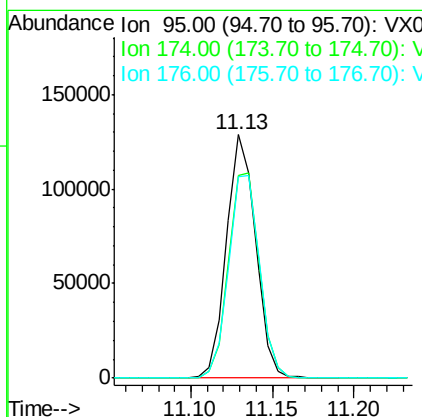
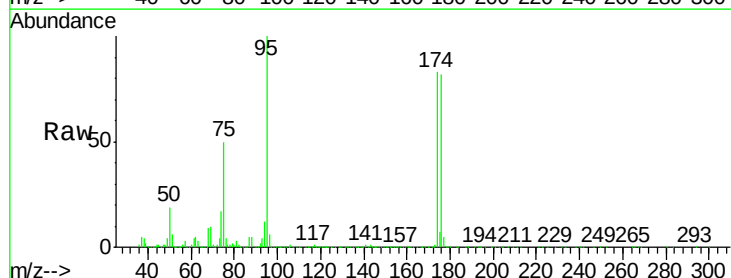
Manual Integrations
APPROVED

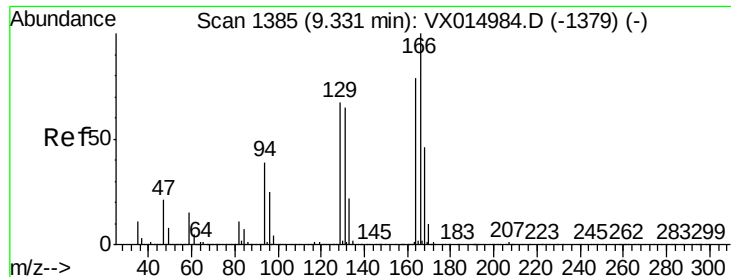
MMDadoda
3/2/2020 11:32:23 AM



#60
4-Bromofluorobenzene
Concen: 29.830 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.2	72.3	108.5
176	88.4	72.0	108.0





#61

Tetrachloroethene

Concen: 19.843 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

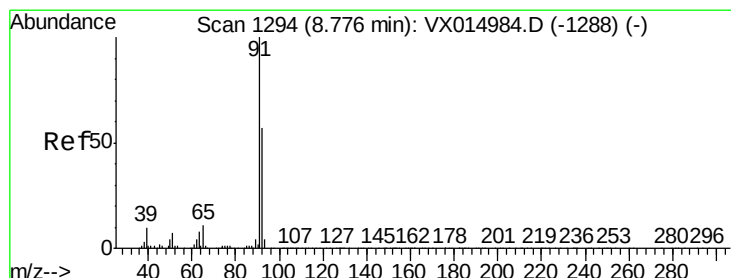
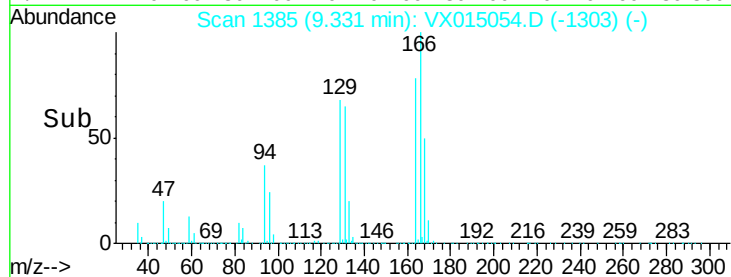
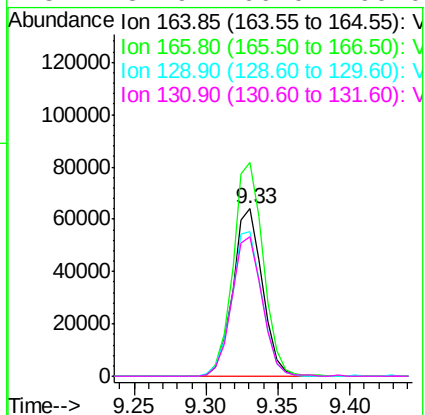
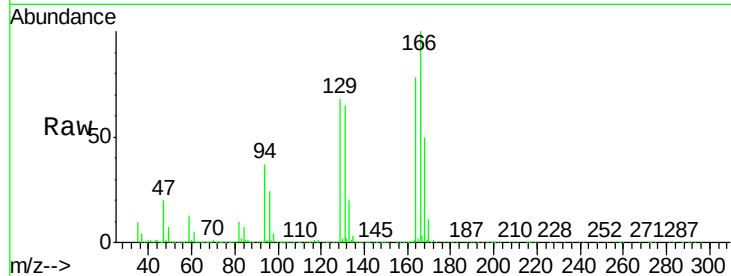
ClientSampleId :

VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.2	151.8
129	86.3	67.6	101.4
131	82.9	66.0	99.0

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#62

Toluene

Concen: 20.053 ug/l

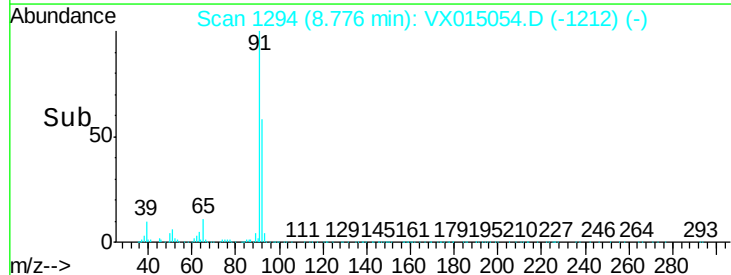
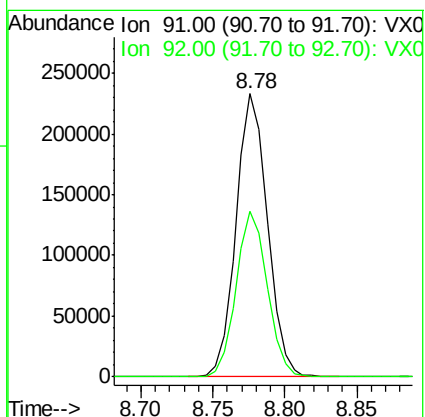
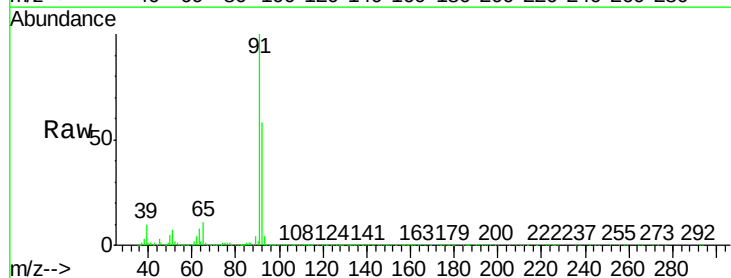
RT: 8.78 min Scan# 1294

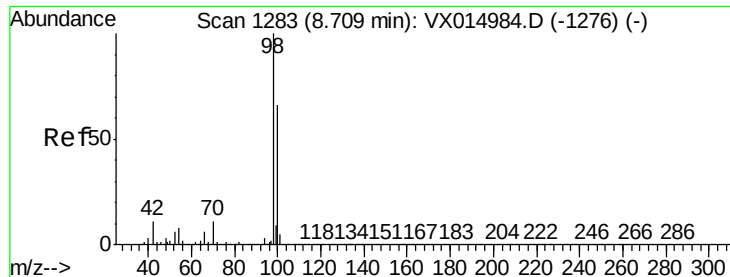
Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.5	46.6	69.8





#63

Toluene-d8

Concen: 29.502 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 98 Resp: 442578

Ion Ratio Lower Upper

98 100

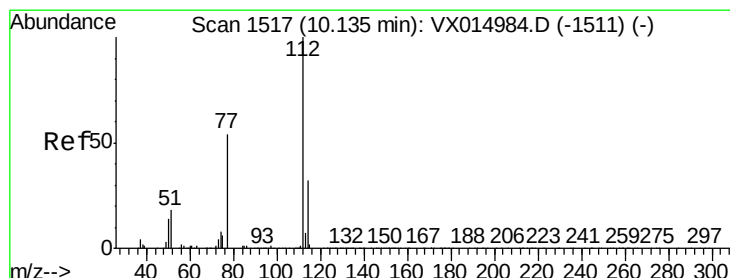
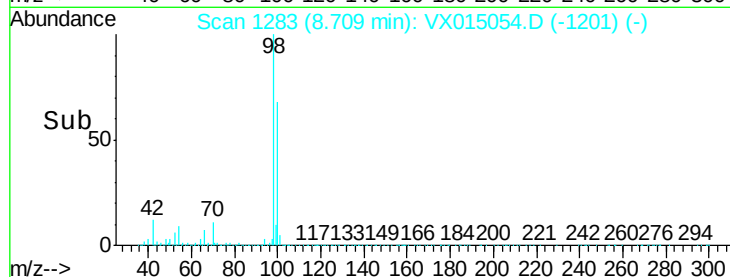
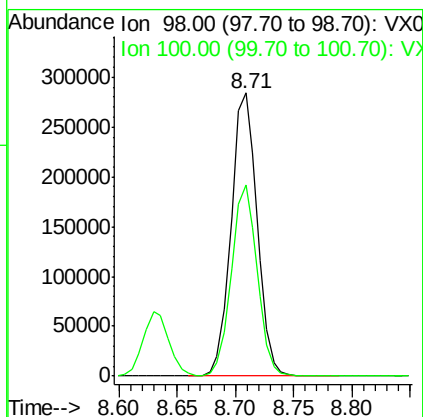
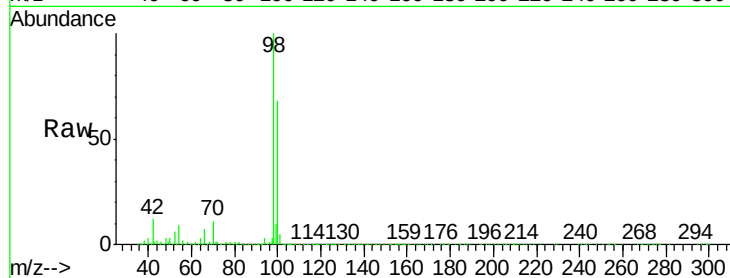
100 66.8 52.8 79.2

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#64

Chlorobenzene

Concen: 20.053 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015054.D

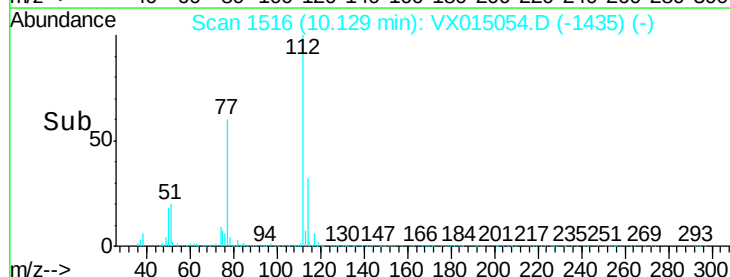
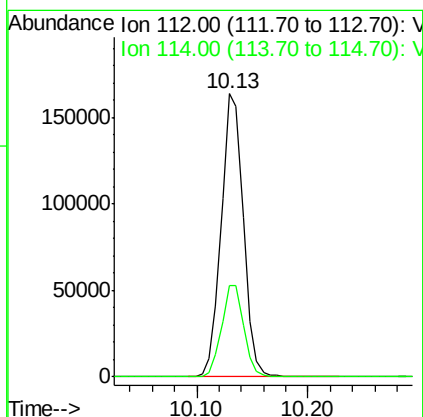
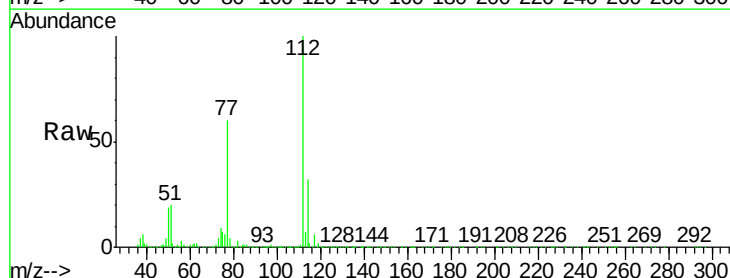
Acq: 28 Feb 2020 11:26

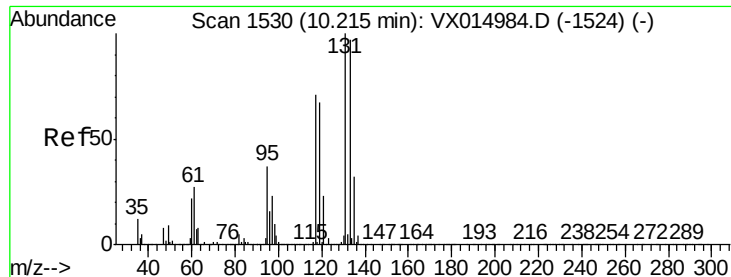
Tgt Ion: 112 Resp: 225531

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6





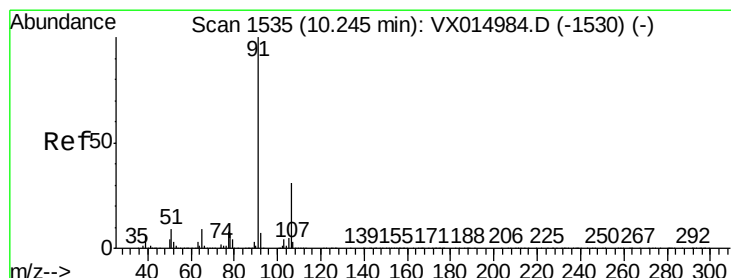
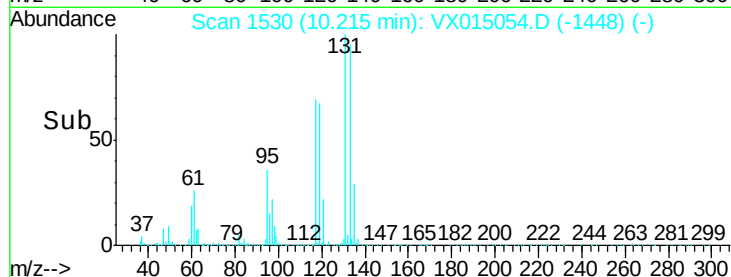
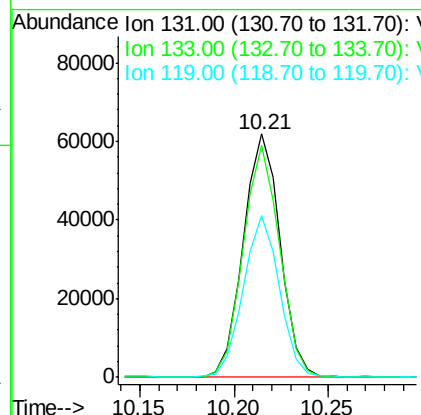
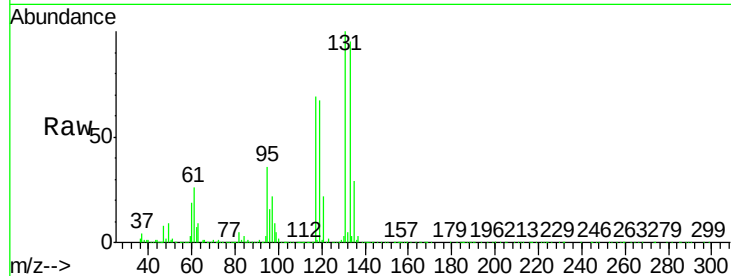
#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.231 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	84280		
133	94.0	0.0	191.4	
119	64.9	0.0	132.0	

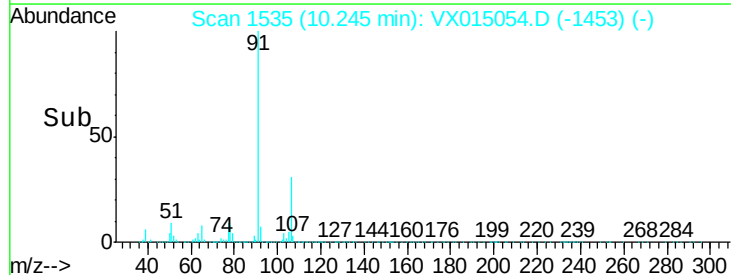
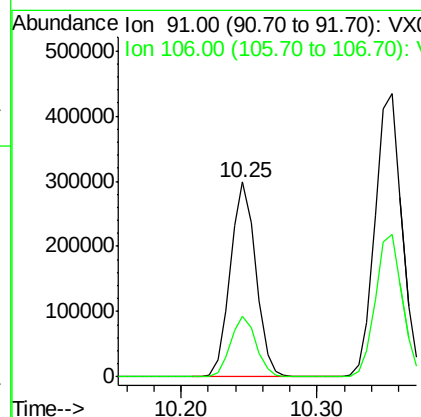
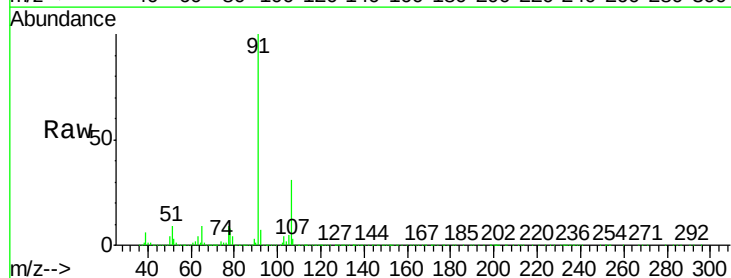
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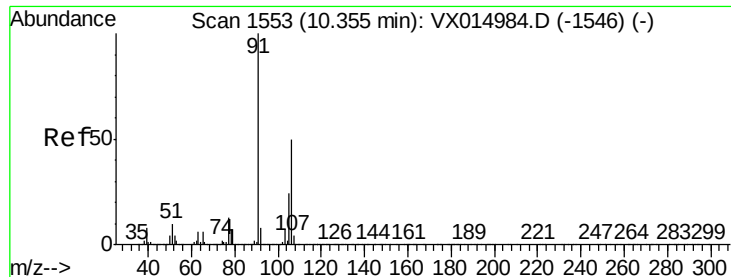
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#66
 Ethyl Benzene
 Concen: 20.021 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	388605		
106	31.2	24.7	37.1	





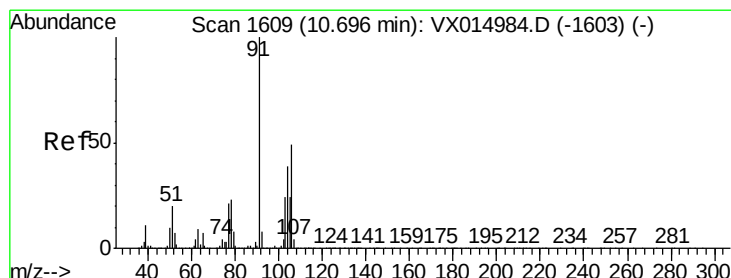
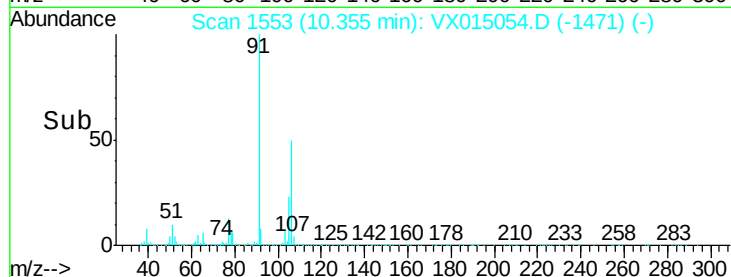
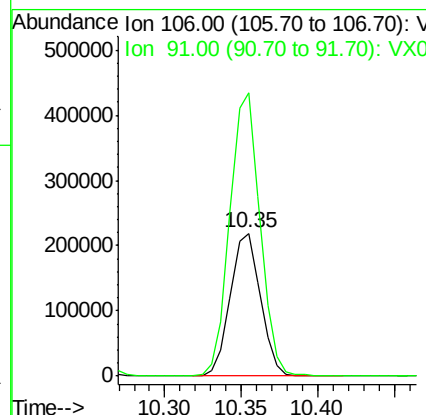
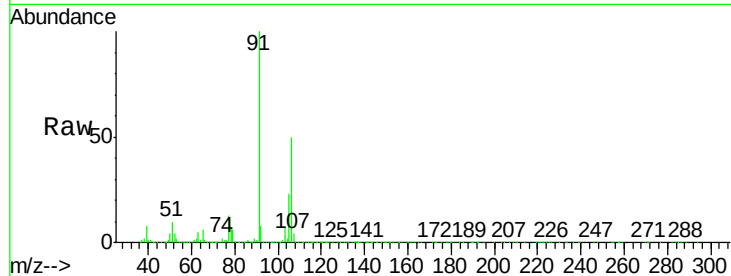
#67
m/p-Xylenes
Concen: 40.061 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	198.0	160.4	240.6

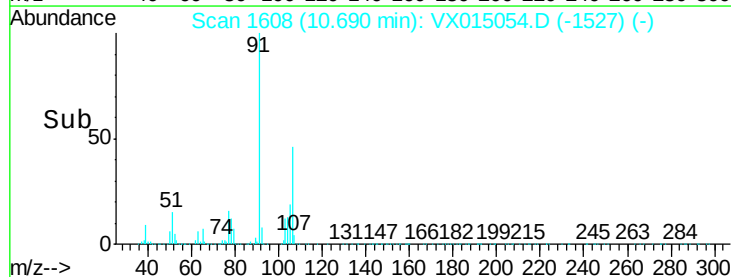
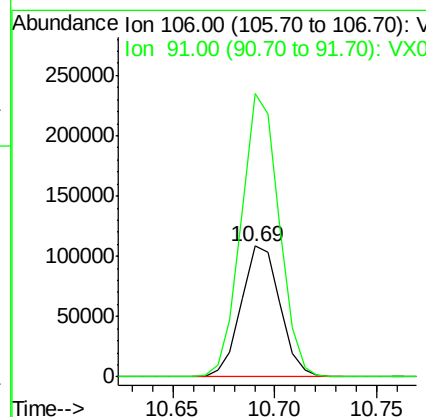
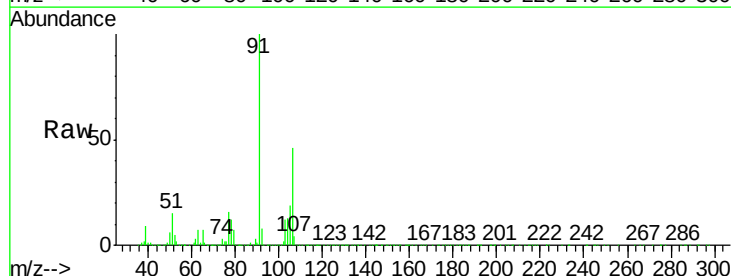
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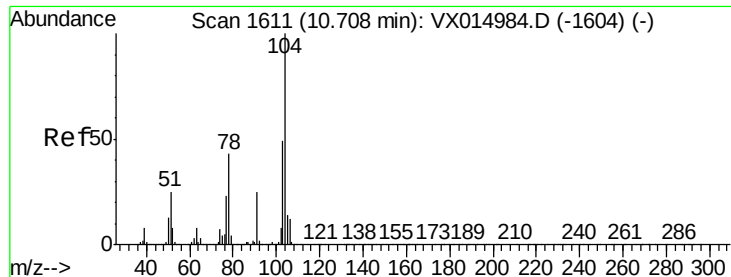
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#68
o-Xylene
Concen: 19.706 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.8	105.3	315.9





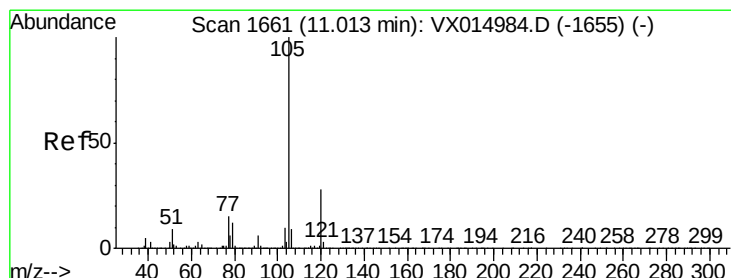
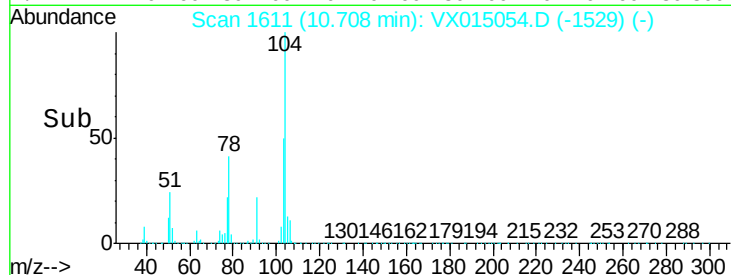
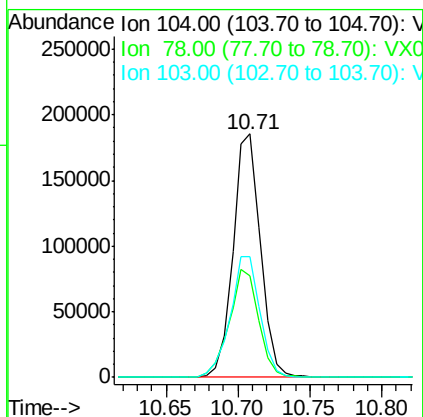
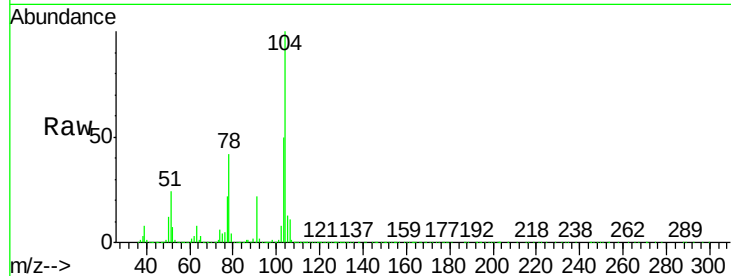
#69
Stvrene
Concen: 19.906 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Resp Lower	Upper
104	100		
78	47.9	39.4	59.2
103	54.2	42.9	64.3

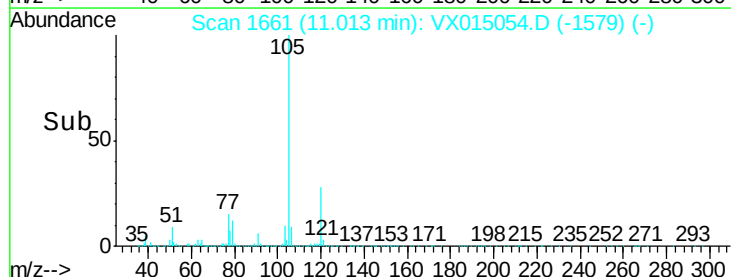
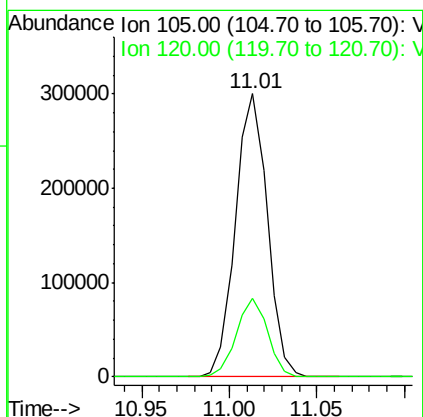
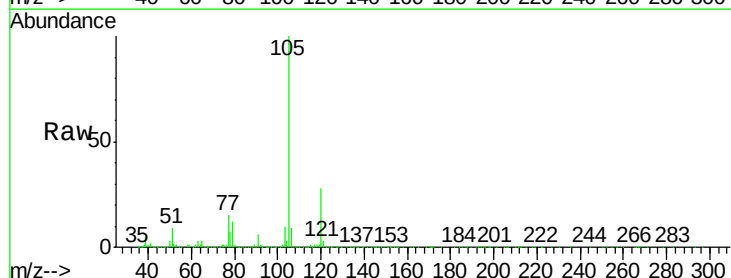
Manual Integrations
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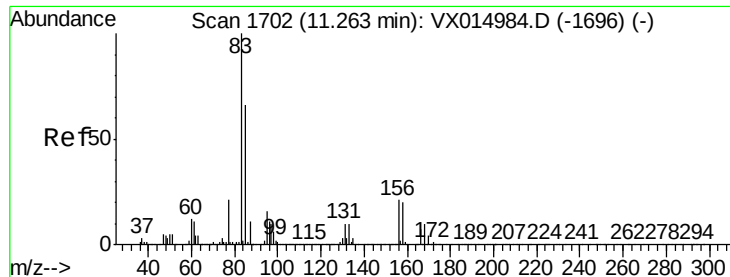
MMDadoda
3/2/2020 11:32:23 AM



#70
Isopropylbenzene
Concen: 19.759 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
120	27.2	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 21.066 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

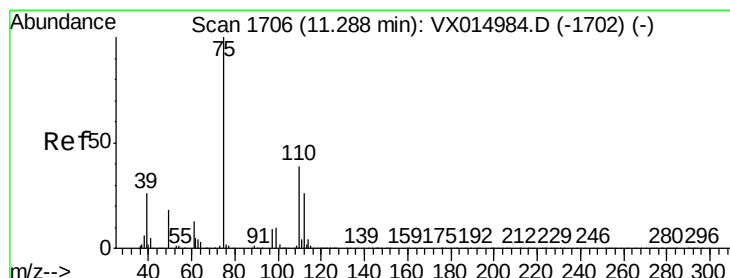
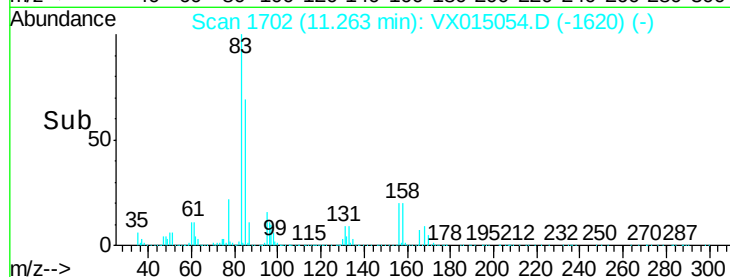
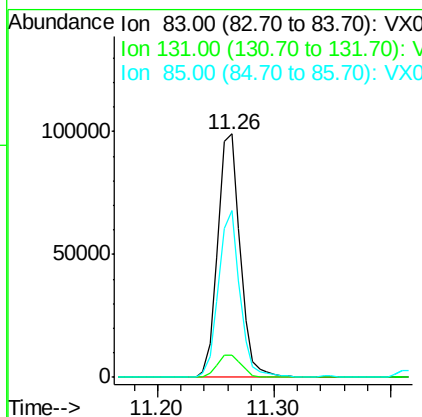
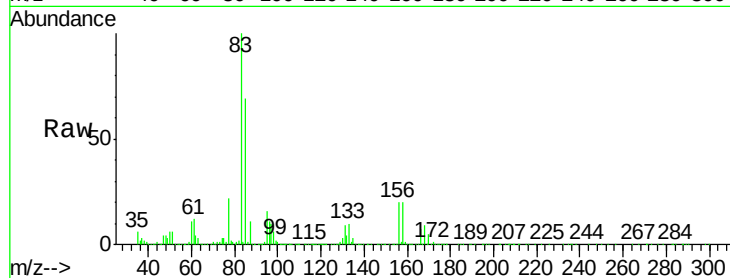
ClientSampleId :

VX0228WBSD01

Tot Ion:	83	Resp:	130474
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.4
85	65.5	32.2	96.6

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#72

1,2,3-Trichloropropane

Concen: 21.666 ug/l m

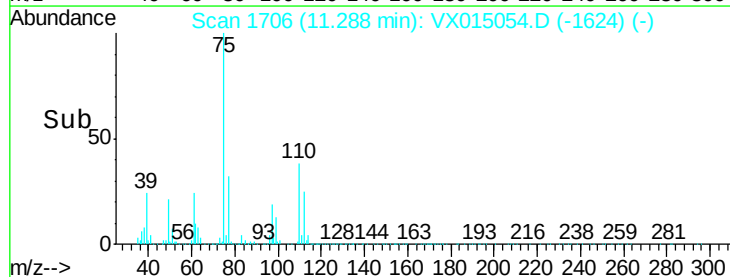
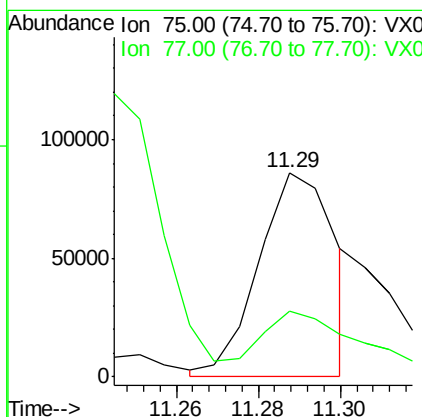
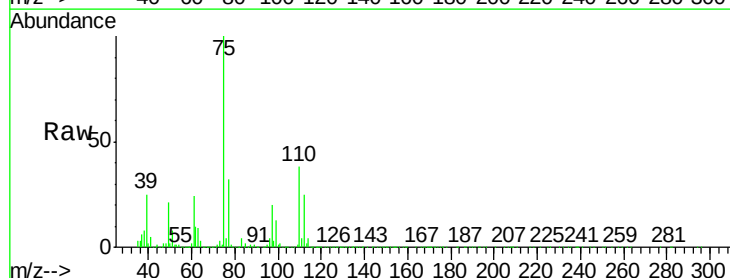
RT: 11.29 min Scan# 1706

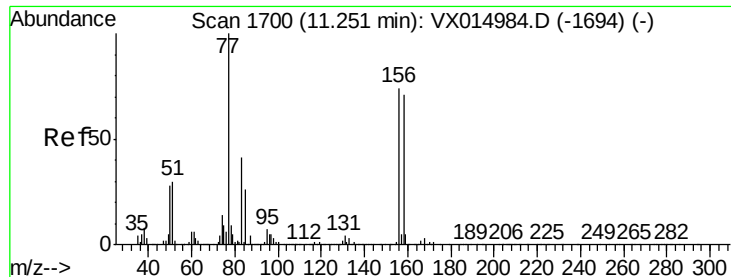
Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Tgt Ion:	75	Resp:	111309
Ion Ratio	Lower	Upper	
75	100		
77	42.9	0.0	75.4





#73

Bromobenzene

Concen: 19.817 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

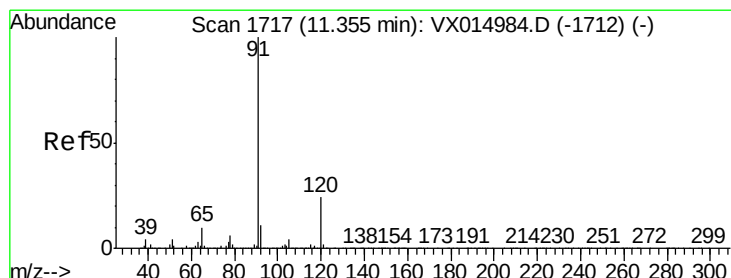
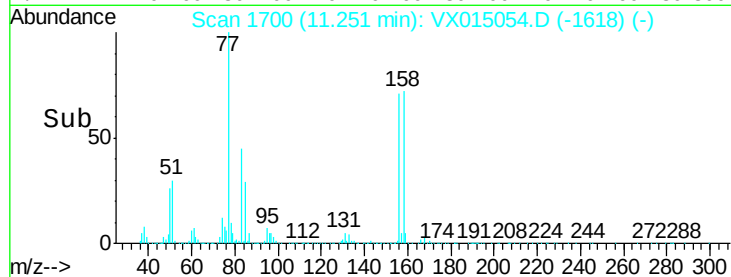
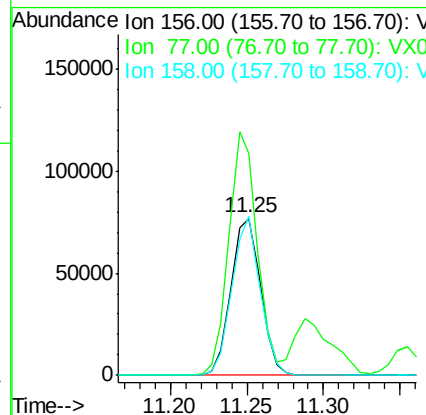
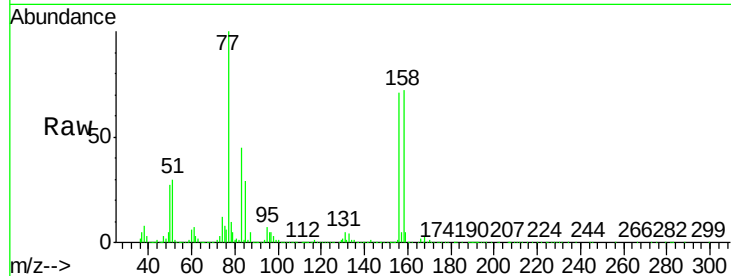
ClientSampleId :

VX0228WBSD01

Tot Ion:	156	Resp:	103007
Ion Ratio	Lower	Upper	
156	100		
77	148.6	0.0	286.8
158	96.3	0.0	191.8

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#74

n-propylbenzene

Concen: 20.631 ug/l

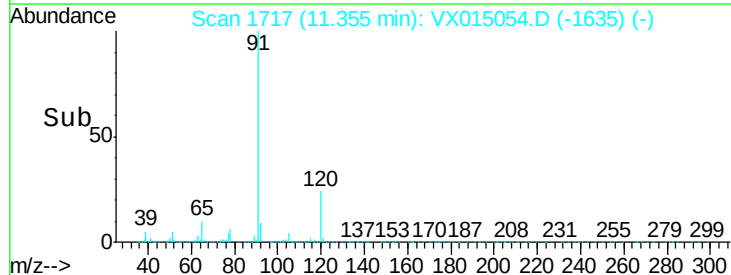
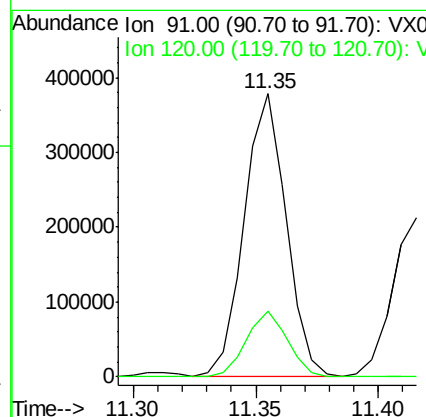
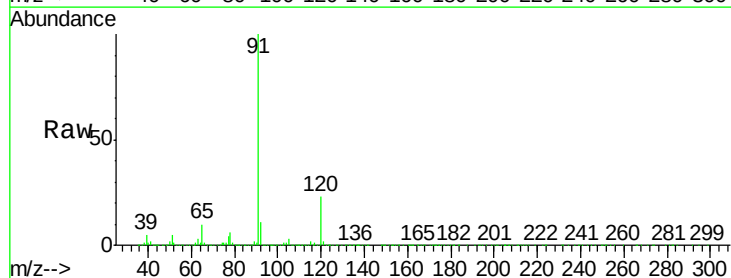
RT: 11.35 min Scan# 1717

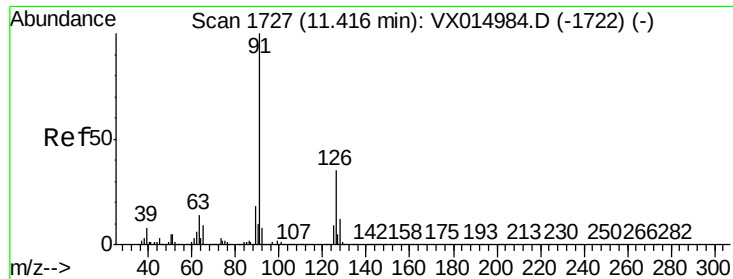
Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Tgt Ion:	91	Resp:	451700
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	47.0





#75

2-Chlorotoluene

Concen: 20.262 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 91 Resp: 262153

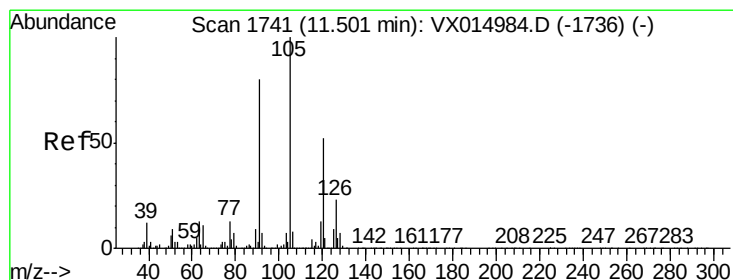
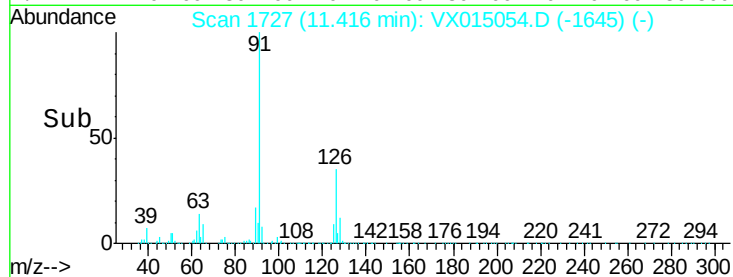
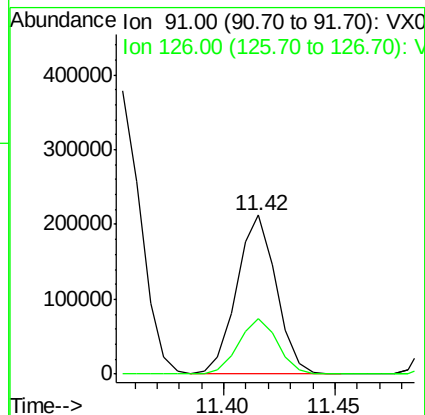
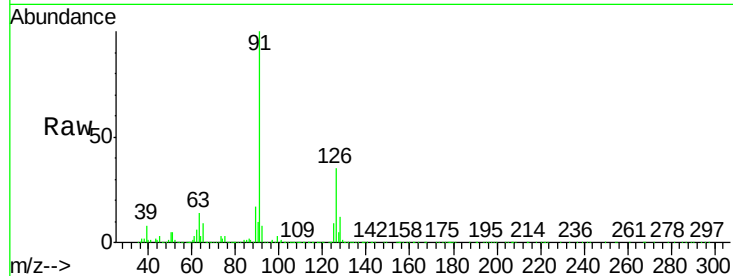
Ion Ratio Lower Upper

91 100

126 34.9 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 19.885 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015054.D

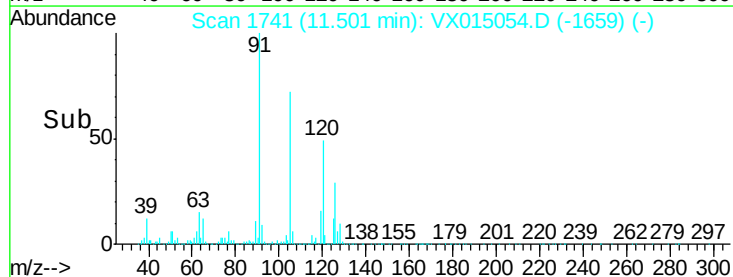
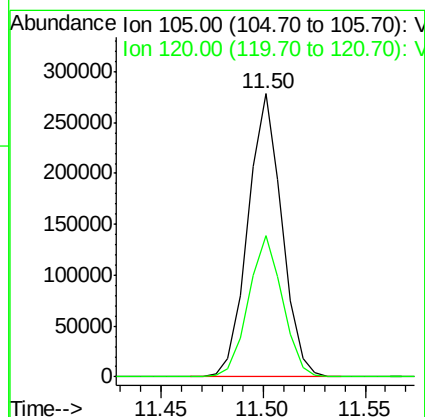
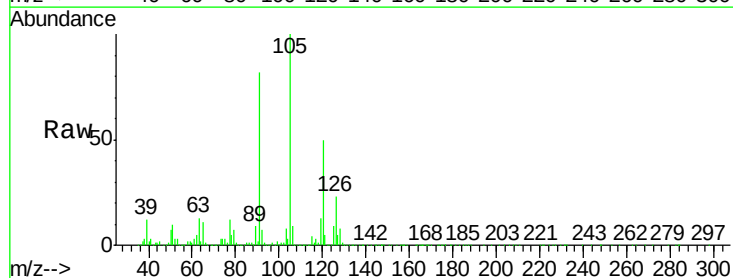
Acq: 28 Feb 2020 11:26

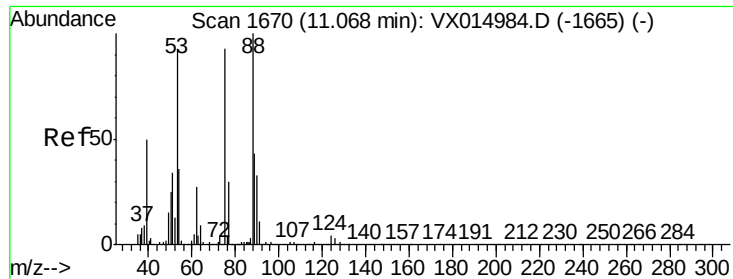
Tgt Ion: 105 Resp: 320582

Ion Ratio Lower Upper

105 100

120 50.2 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.408 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

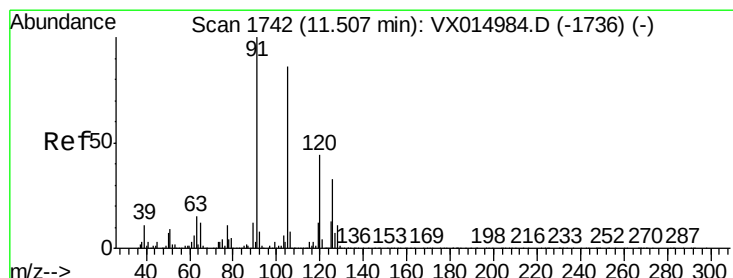
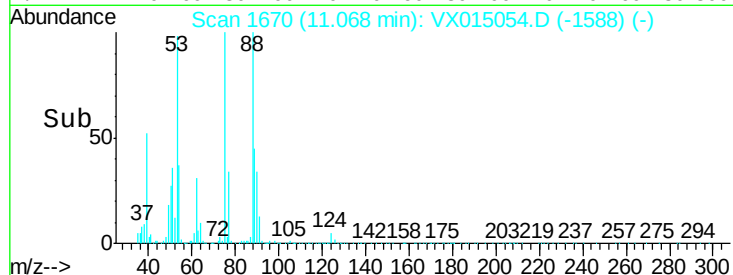
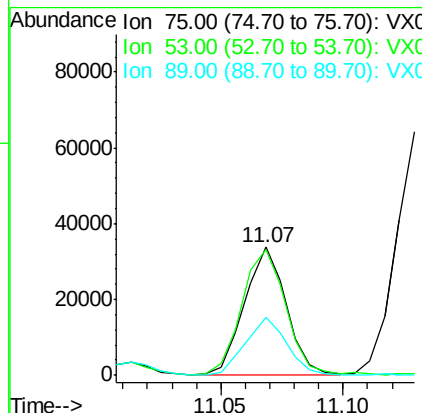
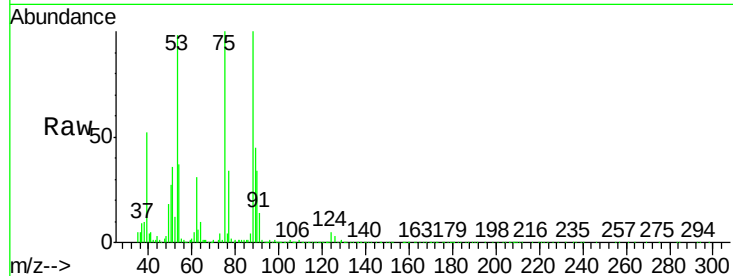
ClientSampleId :

VX0228WBSD01

Tot Ion:	75	Resp:	40207
Ion Ratio	Lower	Upper	
75	100		
53	97.9	50.0	149.8
89	44.8	23.5	70.5

Manual Integrations
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#78

4-Chlorotoluene

Concen: 20.246 ug/l

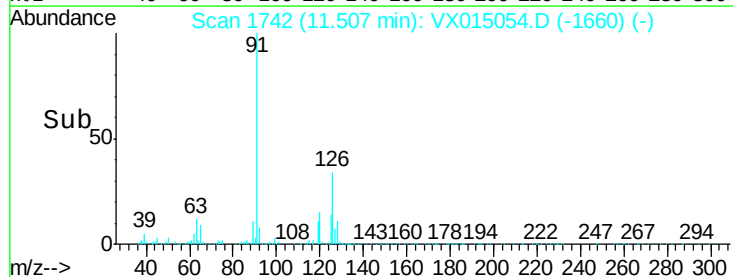
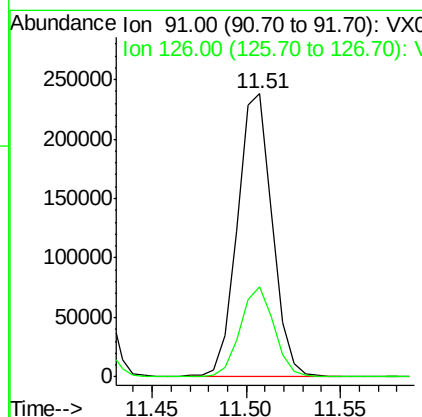
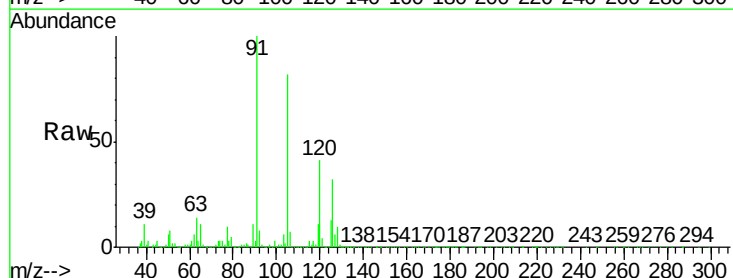
RT: 11.51 min Scan# 1742

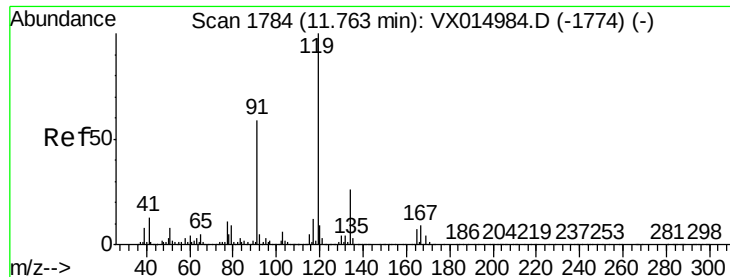
Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Tgt Ion:	91	Resp:	303011
Ion Ratio	Lower	Upper	
91	100		
126	30.8	0.0	62.0





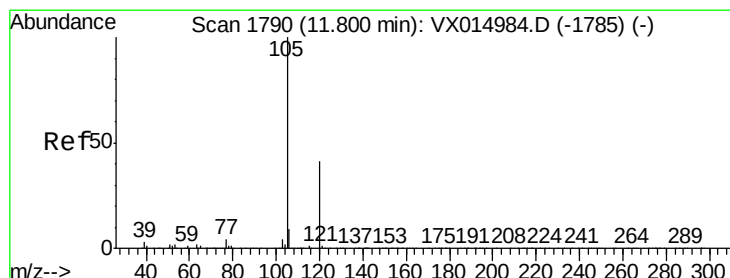
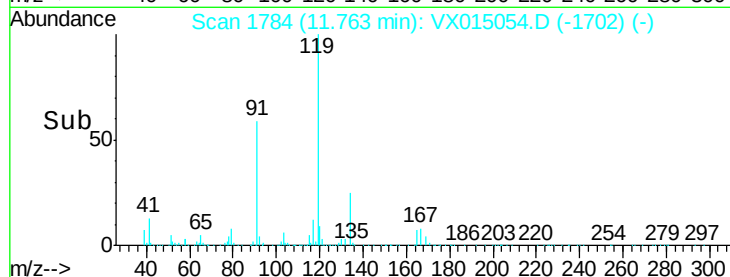
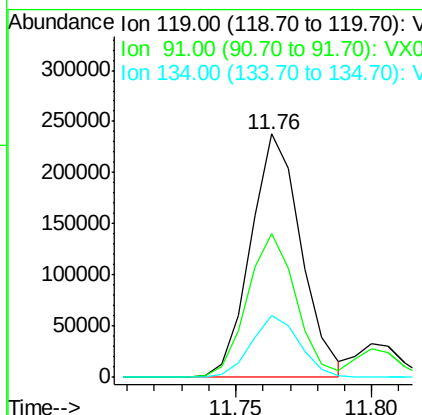
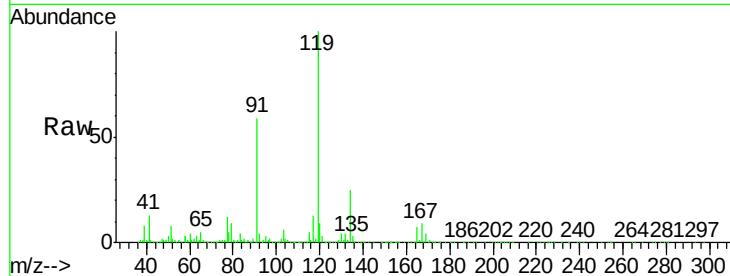
#79
tert-butylbenzene
Concen: 19.605 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	305358		
91	57.1	0.0	114.4	
134	24.6	0.0	48.8	

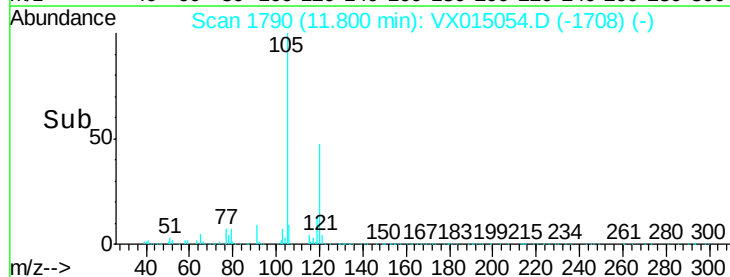
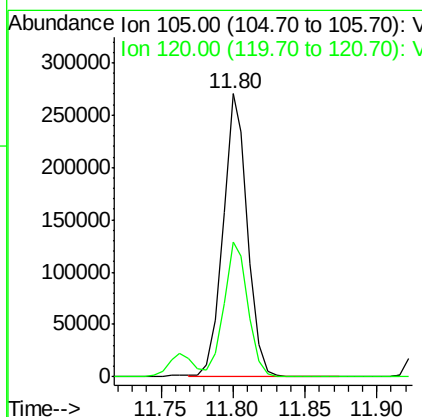
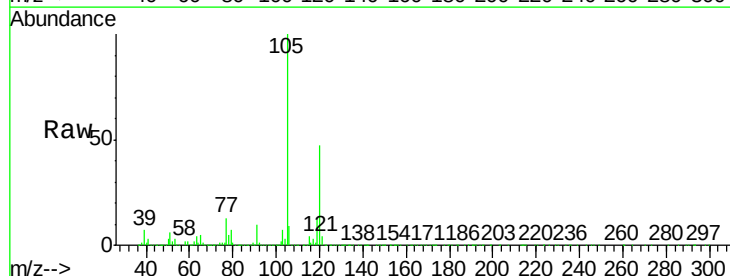
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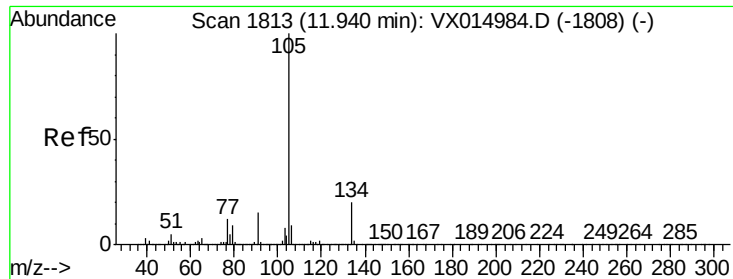
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3/2/2020 11:32:23 AM



#80
1,2,4-Trimethylbenzene
Concen: 19.985 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	320318		
120	46.9	0.0	93.4	





#81

sec-Butylbenzene

Concen: 20.214 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampled :

VX0228WBSD01

Tot Ion:105 Resp: 377044

Ion Ratio Lower Upper

105 100

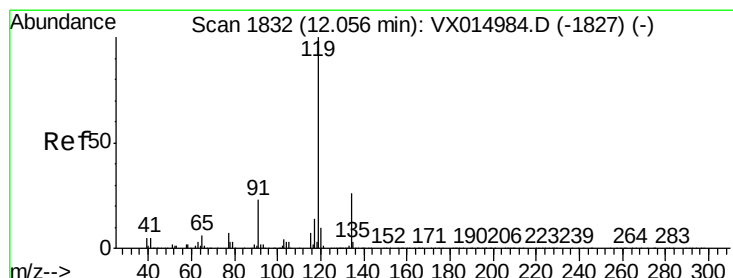
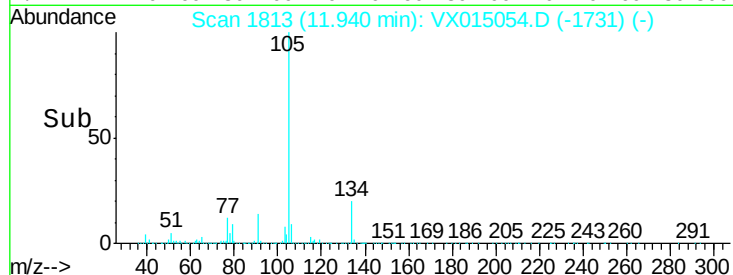
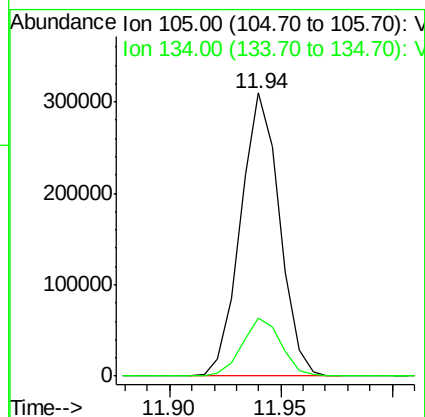
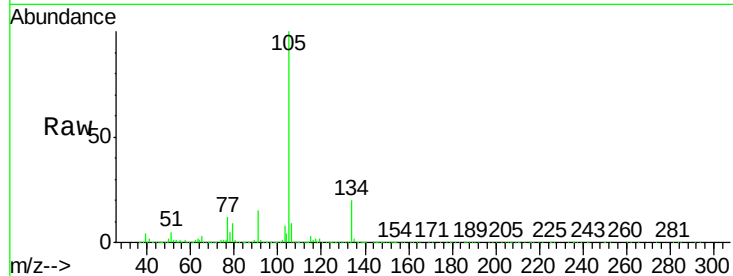
134 20.3 0.0 40.8

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3/2/2020 11:32:23 AM



#82

p-Isopropyltoluene

Concen: 19.864 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

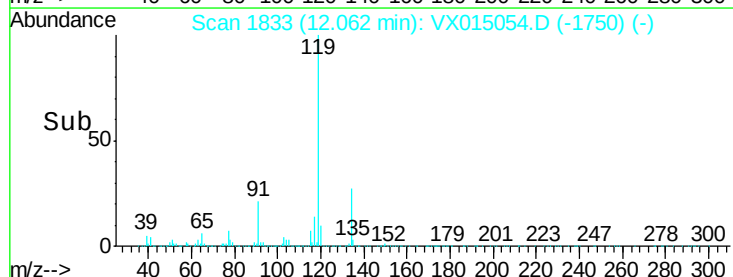
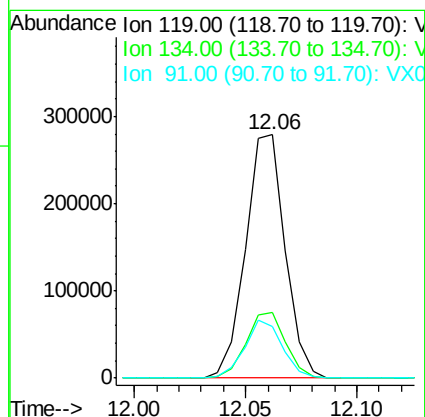
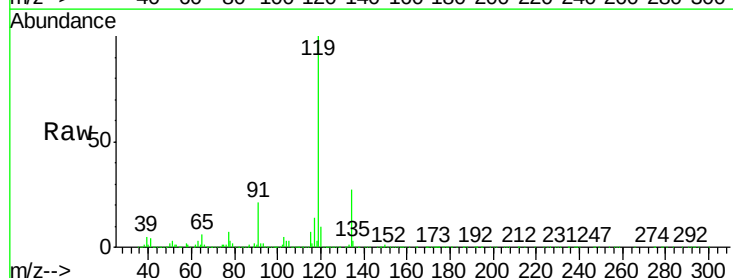
Tgt Ion:119 Resp: 344217

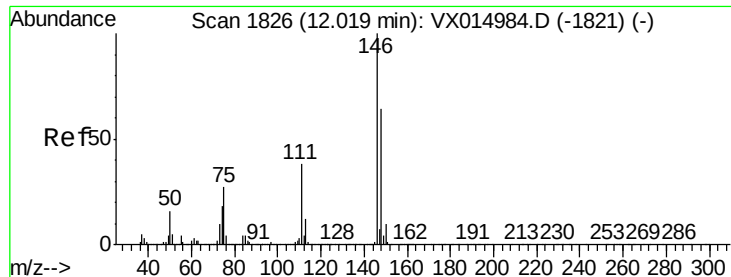
Ion Ratio Lower Upper

119 100

134 27.1 0.0 53.2

91 22.6 0.0 44.6





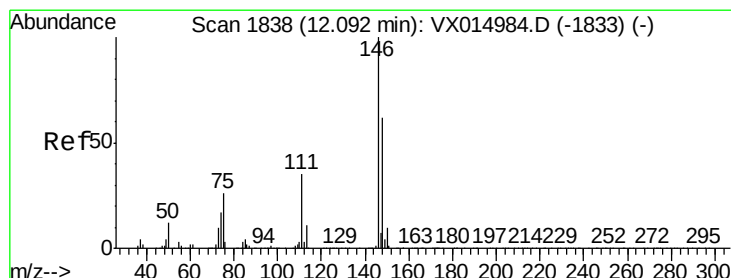
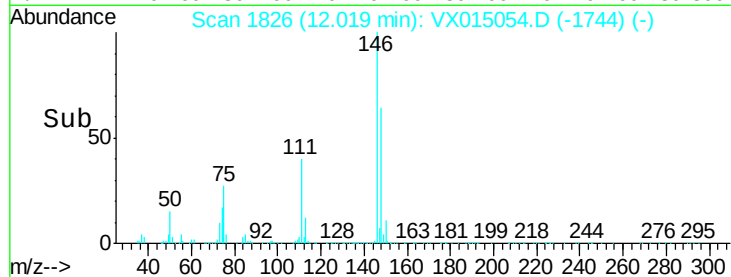
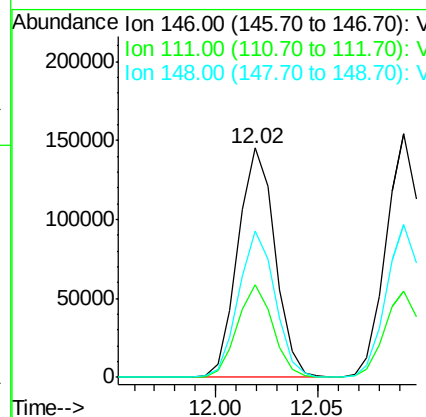
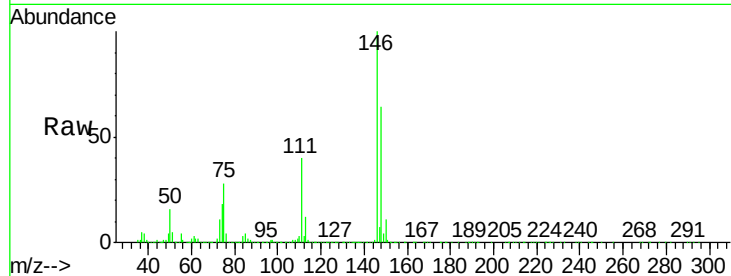
#83
 1,3-Dichlorobenzene
 Concen: 20.071 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	63.0	32.3	96.9

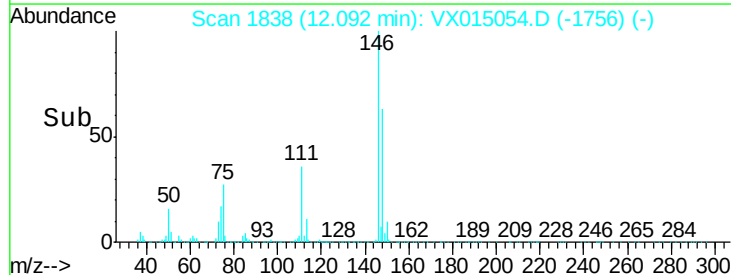
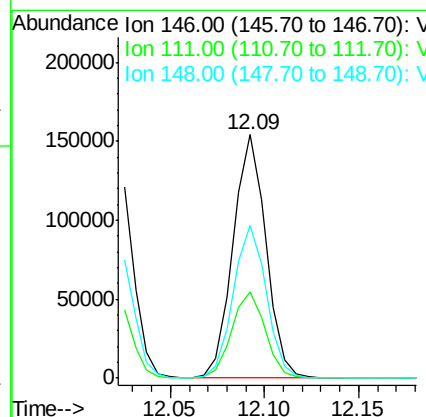
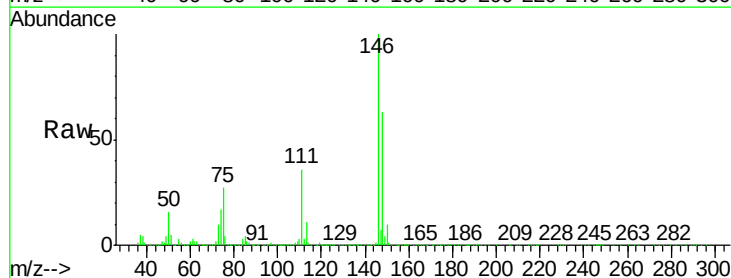
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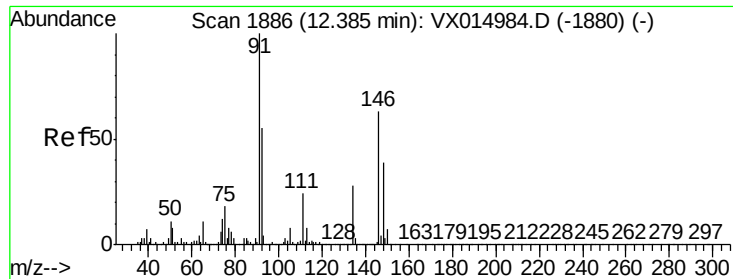
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#84
 1,4-Dichlorobenzene
 Concen: 20.358 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	17.8	53.5
148	63.0	31.4	94.2





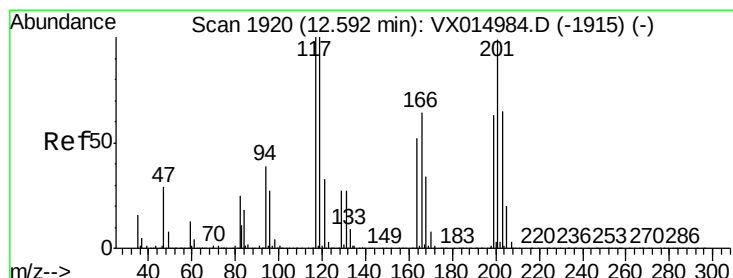
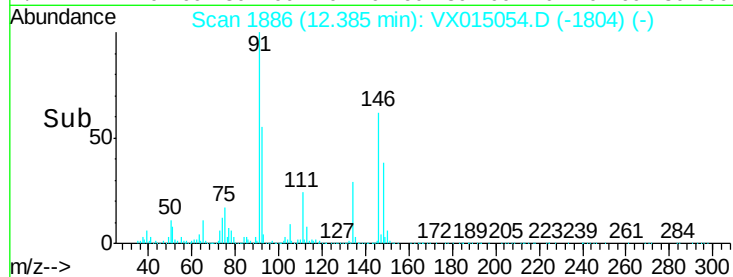
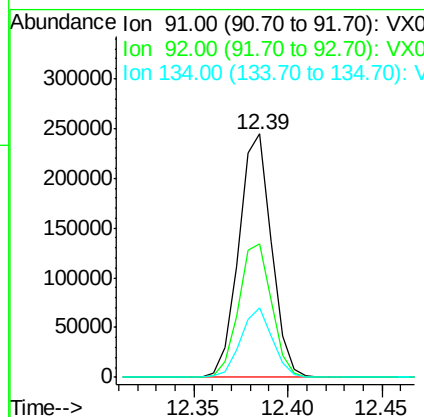
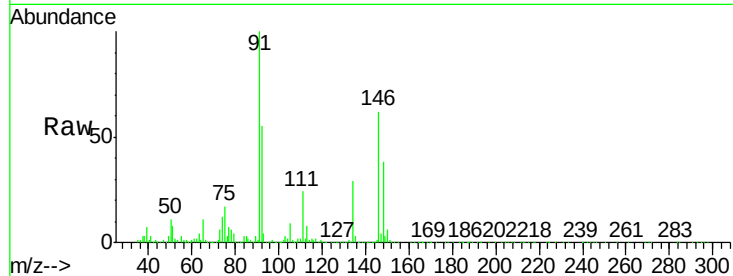
#85
n-Butylbenzene
Concen: 19.524 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	294415		
92	55.8	0.0	109.8	
134	27.3	0.0	54.8	

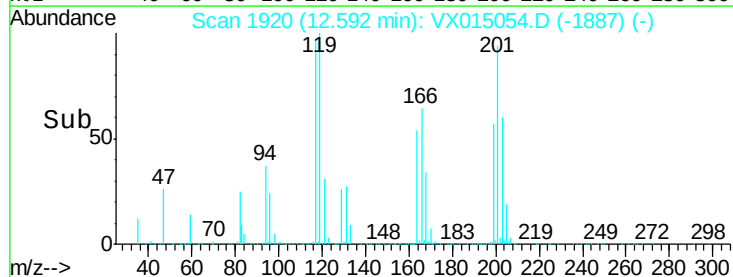
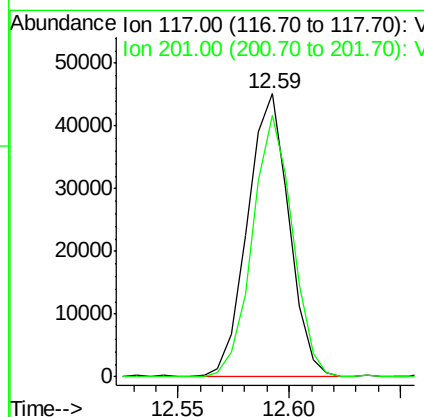
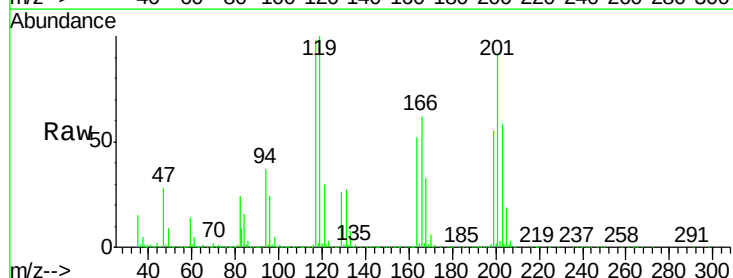
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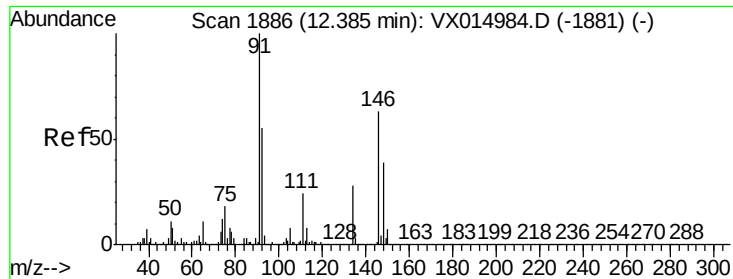
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3/2/2020 11:32:23 AM



#86
Hexachloroethane
Concen: 18.603 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58269		
201	89.4	45.6	136.7	





#87

1,2-Dichlorobenzene

Concen: 20.234 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

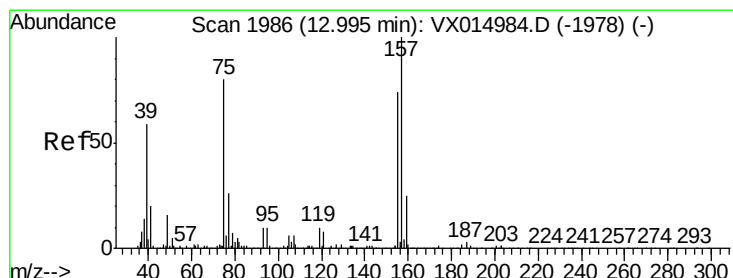
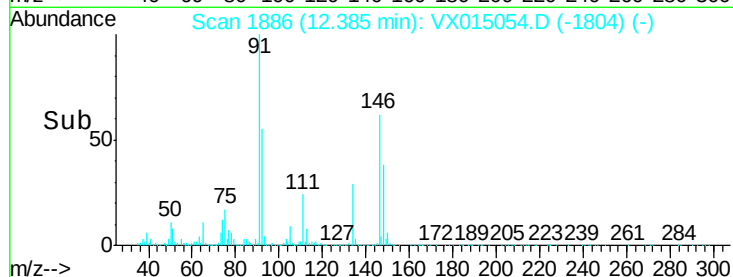
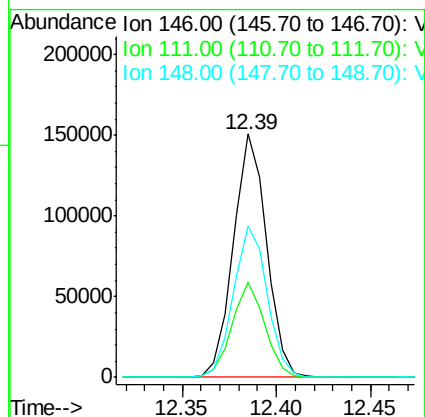
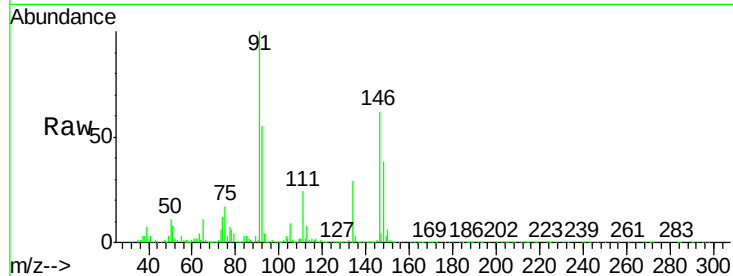
Instrument :
MSVOA_X

ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.1
148	63.6	32.0	96.0

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3/2/2020 11:32:23 AM



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.464 ug/l

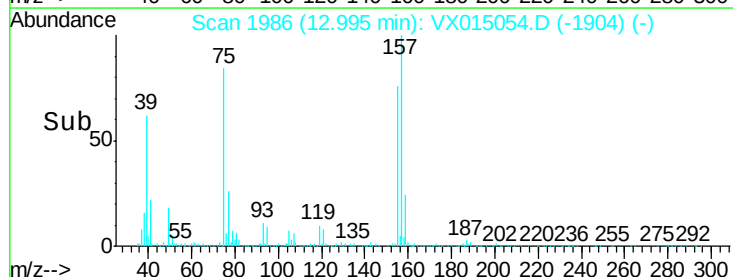
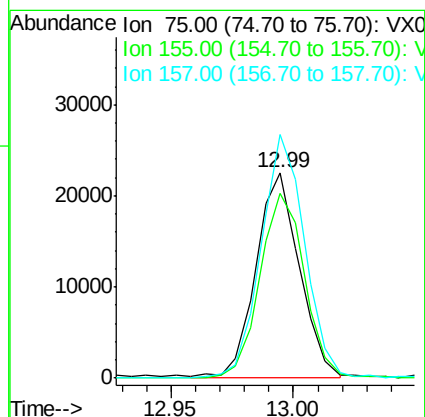
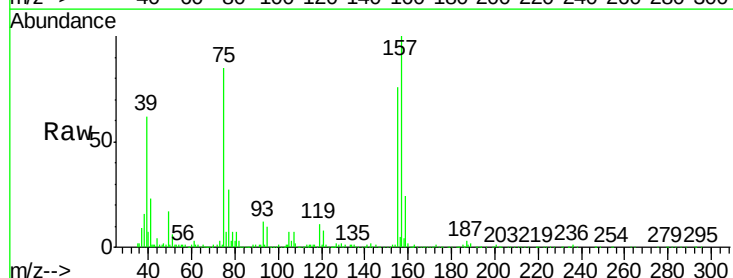
RT: 12.99 min Scan# 1986

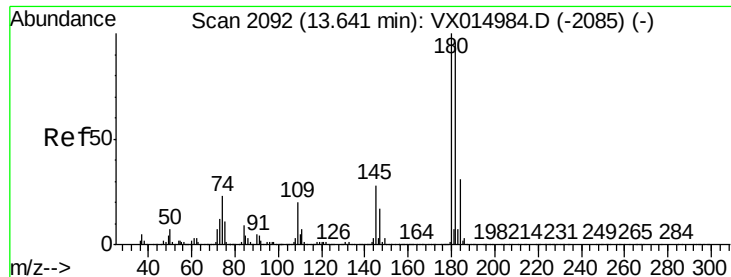
Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	74.5	111.7
157	119.4	96.2	144.4





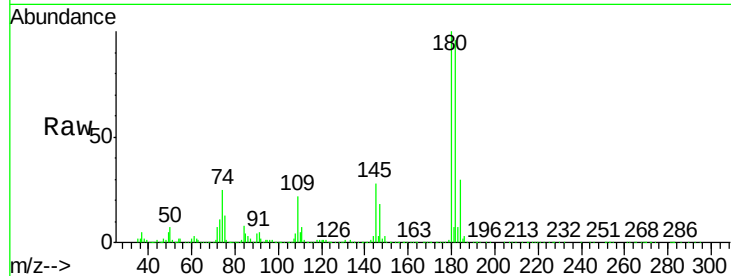
#89
1,2,4-Trichlorobenzene
Concen: 19.239 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

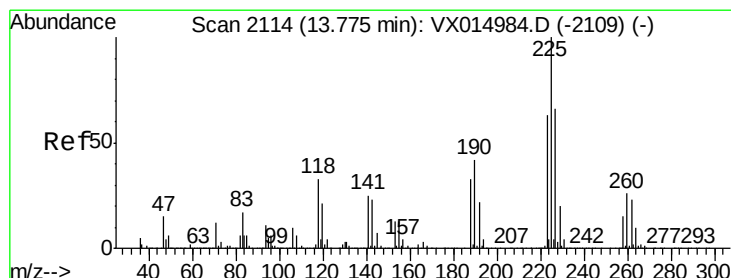
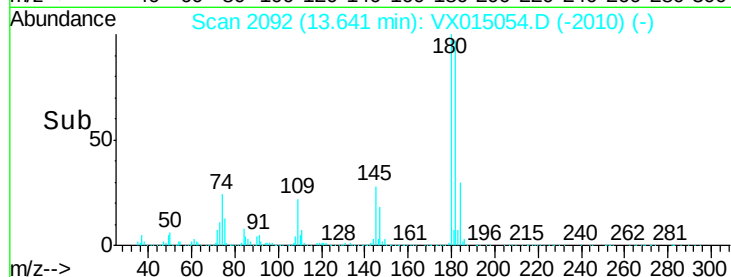
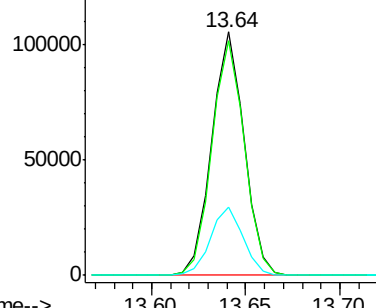
Tot Ion	Ratio	Resp	Lower	Upper
180	100	125445		
182	96.5	76.4	114.6	
145	28.4	21.8	32.6	

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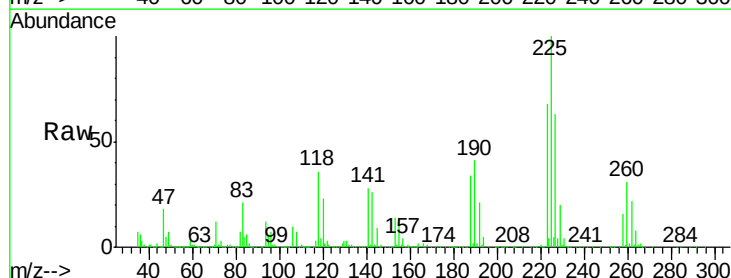


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

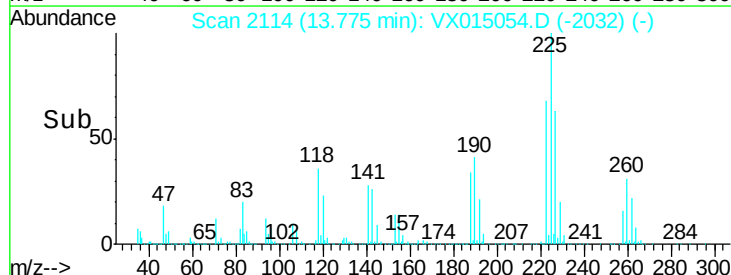
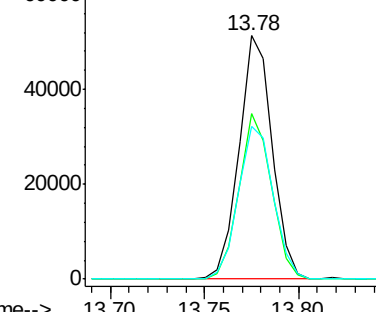


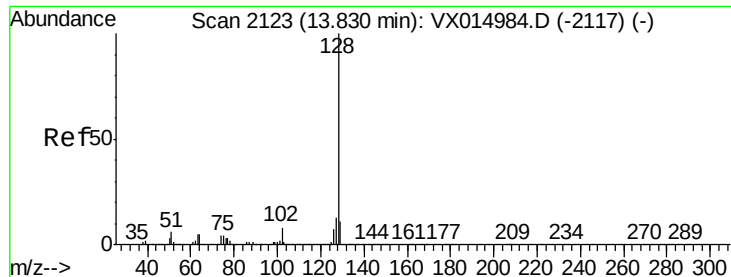
#90
Hexachlorobutadiene
Concen: 19.360 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62691		
223	66.7	0.0	132.0	
227	66.1	0.0	131.0	



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





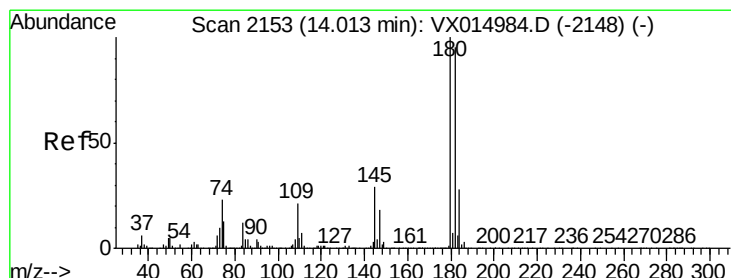
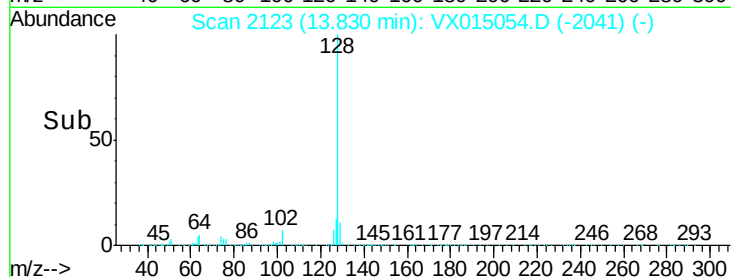
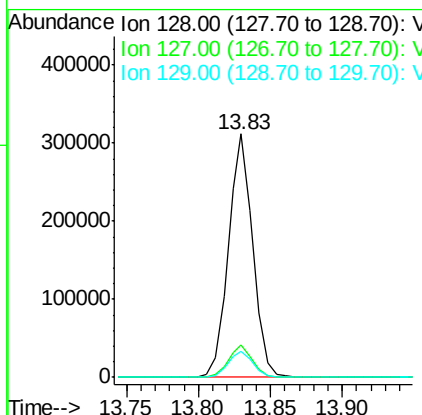
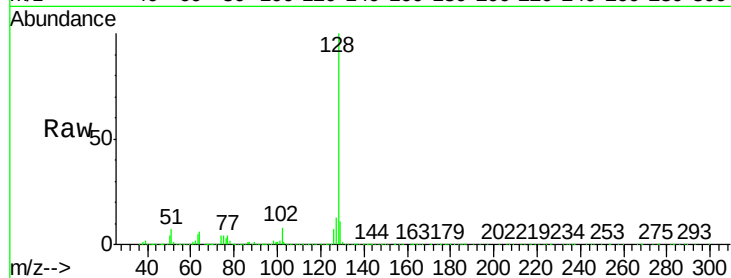
#91
Naphthalene
Concen: 19.999 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 20.098 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.2	0.0	192.4
145	29.2	0.0	60.4

