

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
 Data File : VW015324.D
 Acq On : 23 Apr 2020 11:43
 Operator : SY/VA
 Sample : VW0423SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0423SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 1:32:47 PM

Quant Time: Apr 24 07:05:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	343758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	176924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	94763	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	7.88	113	94103	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.32	98	371334	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
62) 4-Bromofluorobenzene	12.62	95	142697	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	37619	19.529	ug/l	97
3) Chloromethane	2.22	50	40229	19.178	ug/l	99
4) Vinyl Chloride	2.36	62	47044	18.992	ug/l	99
5) Bromomethane	2.75	94	39713	22.548	ug/l	93
6) Chloroethane	2.91	64	27889	18.151	ug/l	96
7) Trichlorofluoromethane	3.26	101	70596	20.141	ug/l	98
8) Diethyl Ether	3.68	74	19192	19.507	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44137	20.419	ug/l	92
10) Methyl Iodide	4.28	142	41265	18.176	ug/l	99
11) Tert butyl alcohol	5.17	59	16780	103.197	ug/l	99
12) 1,1-Dichloroethene	4.04	96	41459	19.927	ug/l	91
13) Acrolein	3.90	56	10808	126.996	ug/l	99
14) Allyl chloride	4.67	41	52216	18.918	ug/l #	84
15) Acrylonitrile	5.37	53	35344	94.398	ug/l	98
16) Acetone	4.13	43	29913	85.858	ug/l	95
17) Carbon Disulfide	4.39	76	118908	19.232	ug/l	99
18) Methyl Acetate	4.68	43	17205	18.656	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	96448	20.194	ug/l	94
20) Methylene Chloride	4.92	84	43993	19.267	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	47406	20.090	ug/l	91
22) Diisopropyl ether	6.31	45	104079	19.656	ug/l #	89
23) Vinyl Acetate	6.26	43	304521	98.004	ug/l #	94
24) 1,1-Dichloroethane	6.22	63	73272	19.967	ug/l	97
25) 2-Butanone	7.18	43	44460	96.185	ug/l	91
26) 2,2-Dichloropropane	7.17	77	77140	19.981	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	51027	20.031	ug/l	100
28) Bromochloromethane	7.51	49	26426	19.806	ug/l #	73
29) Tetrahydrofuran	7.53	42	27468	95.382	ug/l #	88
30) Chloroform	7.68	83	80620	20.355	ug/l	99
31) Cyclohexane	7.96	56	72067	19.537	ug/l #	89
32) 1,1,1-Trichloroethane	7.87	97	78401	20.510	ug/l	99
36) 1,1-Dichloropropene	8.09	75	64626	20.829	ug/l	97
37) Ethyl Acetate	7.26	43	20368	20.228	ug/l #	97
38) Carbon Tetrachloride	8.07	117	71265	21.019	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82335	19.938	ug/l	95
40) Benzene	8.32	78	170754	20.603	ug/l	97
41) Methacrylonitrile	7.48	41	11157	18.467	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	50153	20.556	ug/l	100
43) Isopropyl Acetate	8.42	43	40910	19.371	ug/l	94
44) Trichloroethene	9.09	130	54530	21.510	ug/l	94
45) 1,2-Dichloropropane	9.37	63	38686	20.072	ug/l	98
46) Dibromomethane	9.46	93	22669	20.333	ug/l #	87
47) Bromodichloromethane	9.65	83	61218	20.540	ug/l	99
48) Methyl methacrylate	9.44	41	19530	19.562	ug/l	90
49) 1,4-Dioxane	9.45	88	5466	367.760	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	95711	96.544	ug/l	96
52) Toluene	10.39	92	117050	20.180	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	59506	20.248	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	70516	20.644	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32020	20.510	ug/l	97
56) Ethyl methacrylate	10.65	69	39120	19.451	ug/l	94
57) 1,3-Dichloropropane	10.93	76	54018	20.888	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	92077	98.752	ug/l #	89
59) 2-Hexanone	10.97	43	67618	95.549	ug/l	98
60) Dibromochloromethane	11.13	129	43164	20.940	ug/l	100
61) 1,2-Dibromoethane	11.24	107	31594	20.740	ug/l	98
64) Tetrachloroethene	10.86	164	48853	21.662	ug/l	94
65) Chlorobenzene	11.66	112	129344	20.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48119	21.591	ug/l	98
67) Ethyl Benzene	11.73	91	238318	20.610	ug/l	99
68) m/p-Xylenes	11.83	106	187316	41.327	ug/l	100
69) o-Xylene	12.16	106	87625	20.712	ug/l	100
70) Styrene	12.18	104	149652	20.752	ug/l	100
71) Bromoform	12.35	173	25539	20.338	ug/l #	100
73) Isopropylbenzene	12.46	105	247928	20.211	ug/l	99
74) N-amyl acetate	12.27	43	40274	18.872	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	33571	19.275	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	26329m	19.237	ug/l	
77) Bromobenzene	12.74	156	58242	20.666	ug/l	83
78) n-propylbenzene	12.80	91	281893	19.737	ug/l	96
79) 2-Chlorotoluene	12.89	91	160950	19.996	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	214844	20.332	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11898	19.003	ug/l	95
82) 4-Chlorotoluene	12.99	91	173088	20.253	ug/l	97
83) tert-Butylbenzene	13.21	119	185105	20.042	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	213872	20.520	ug/l	99
85) sec-Butylbenzene	13.38	105	255411	20.024	ug/l	97
86) p-Isopropyltoluene	13.50	119	242076	20.425	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	117404	20.966	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	113149	20.613	ug/l	98
89) n-Butylbenzene	13.82	91	217210	20.051	ug/l	97
90) Hexachloroethane	14.09	117	43066	19.814	ug/l	71
91) 1,2-Dichlorobenzene	13.87	146	102736	21.113	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6162	19.550	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	72740	21.506	ug/l	99
94) Hexachlorobutadiene	15.23	225	48827	21.653	ug/l	98
95) Naphthalene	15.36	128	108573	19.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	59851	21.749	ug/l	97

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

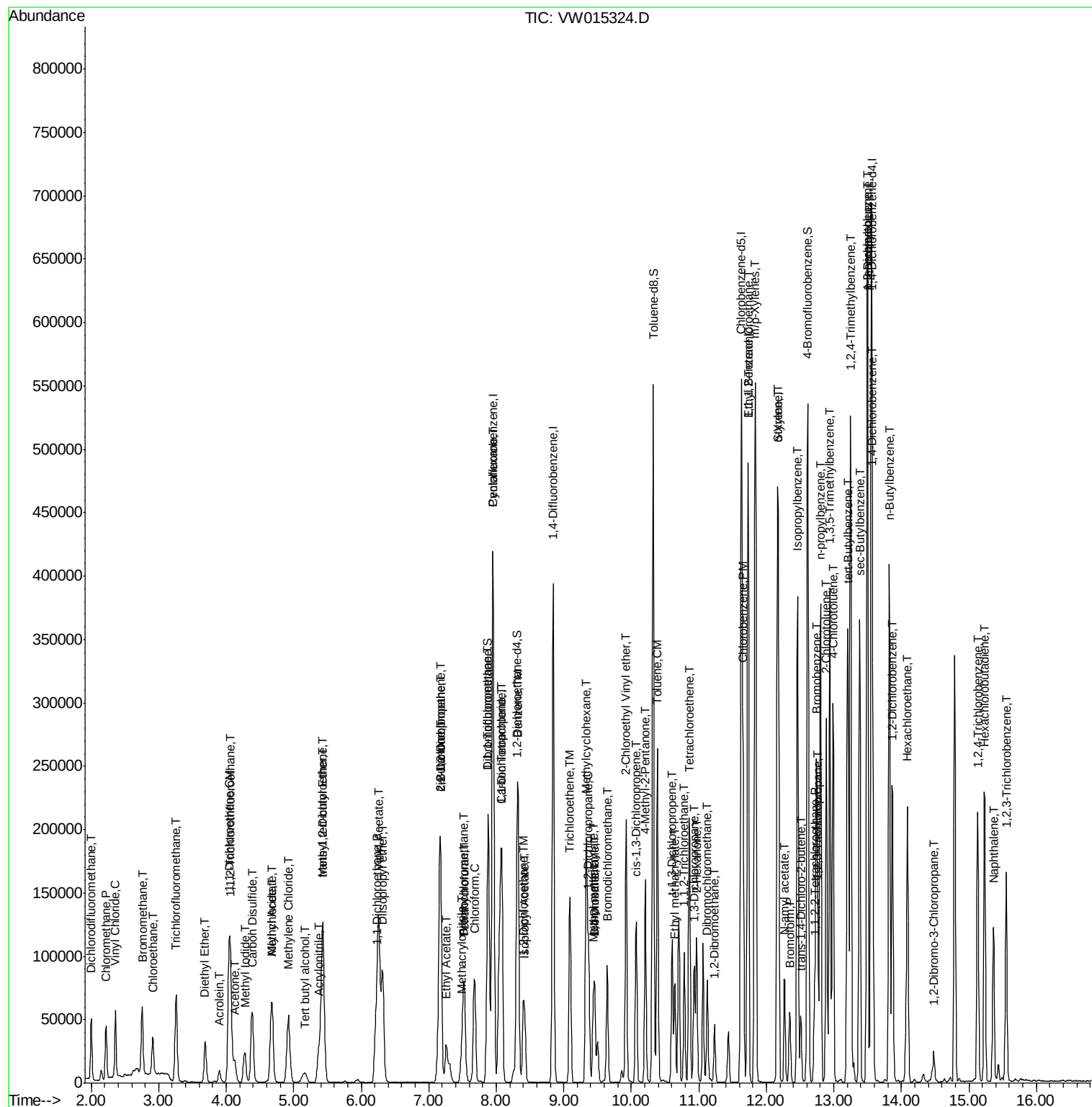
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 Data File : VW015324.D
 Acq On : 23 Apr 2020 11:43
 Operator : SY/VA
 Sample : VW0423SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

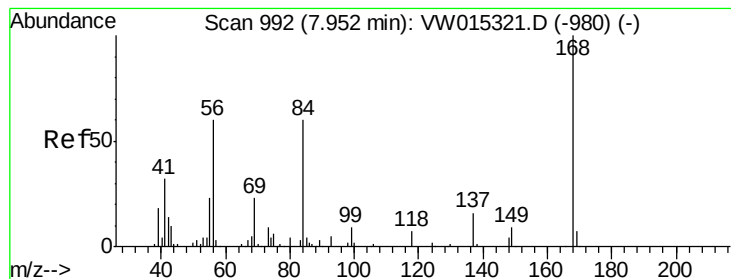
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0423SBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

VW0423SBSD01

Tot Ion:168 Resp: 243927

Ion Ratio Lower Upper

168 100

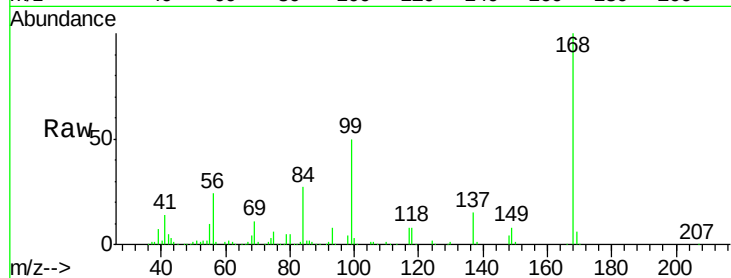
99 50.4 48.5 72.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

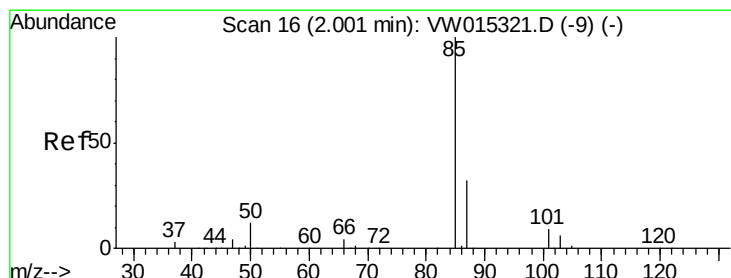
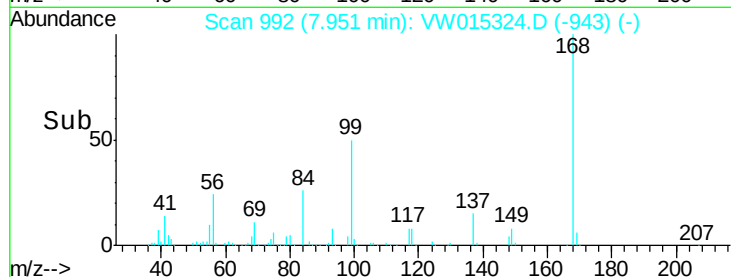
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 19.529 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015324.D

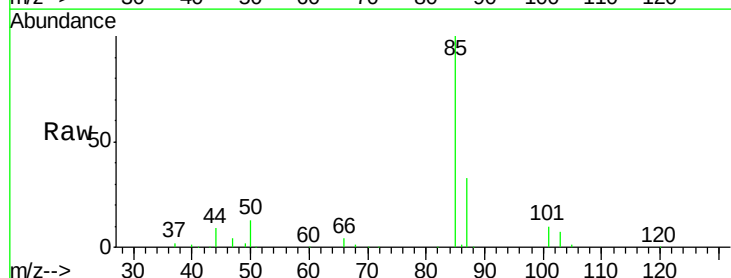
Acq: 23 Apr 2020 11:43

Tgt Ion: 85 Resp: 37619

Ion Ratio Lower Upper

85 100

87 32.9 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

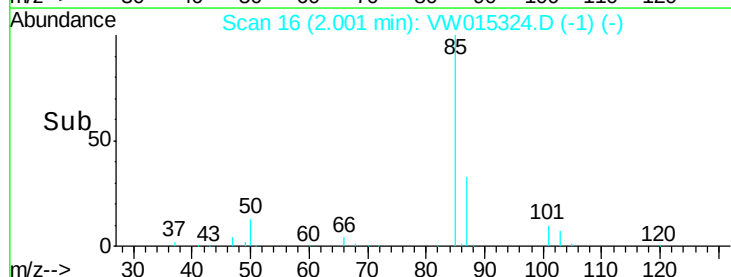
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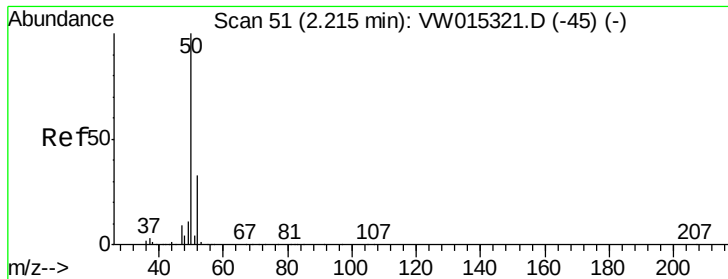
10000

5000

0

Time--> 1.95 2.00 2.05





#3

Chloromethane

Concen: 19.178 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

VW0423SBSD01

Tot Ion: 50 Resp: 40229

Ion Ratio Lower Upper

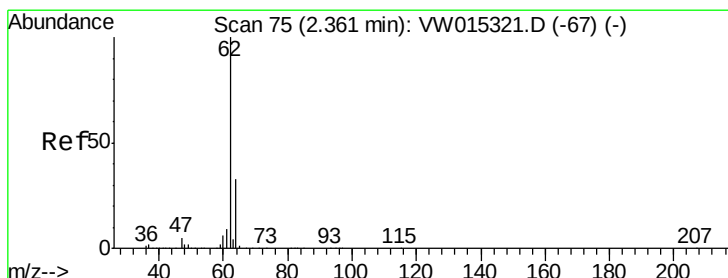
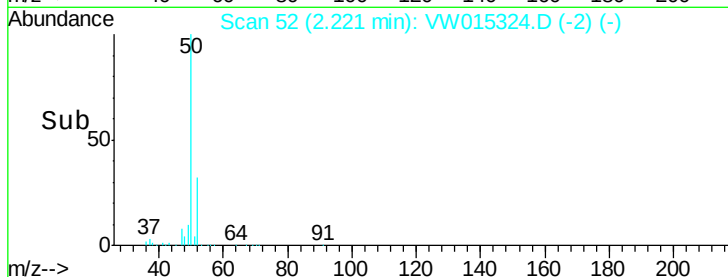
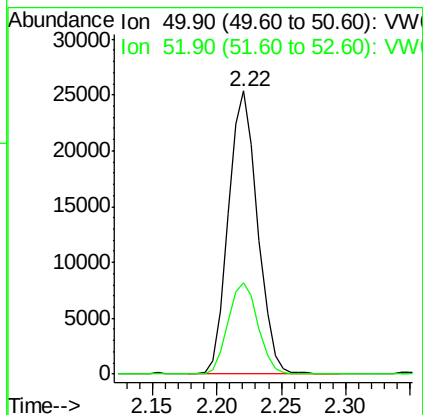
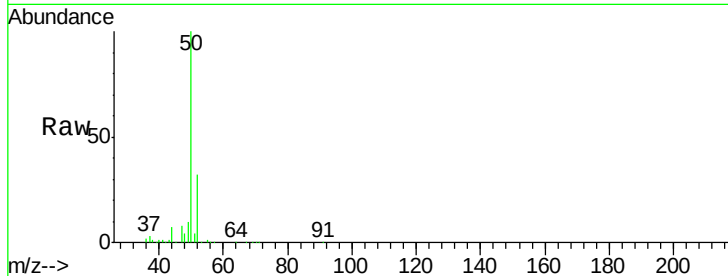
50 100

52 32.3 26.5 39.7

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#4

Vinyl Chloride

Concen: 18.992 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015324.D

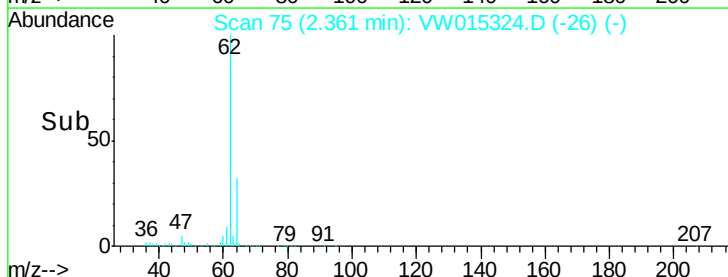
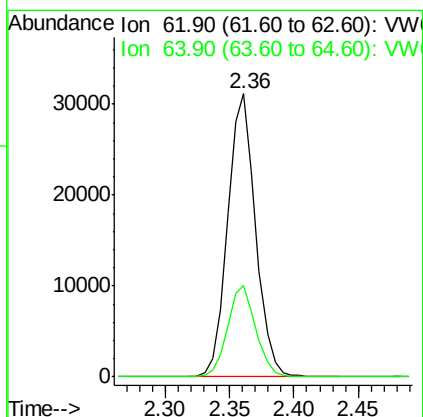
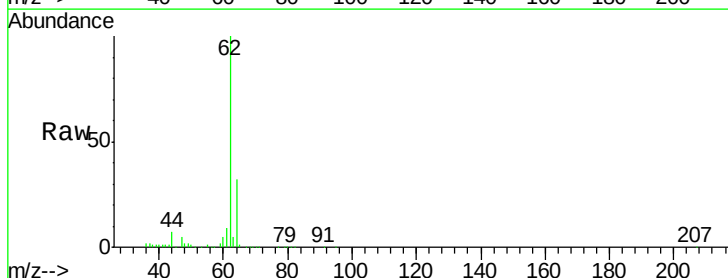
Acq: 23 Apr 2020 11:43

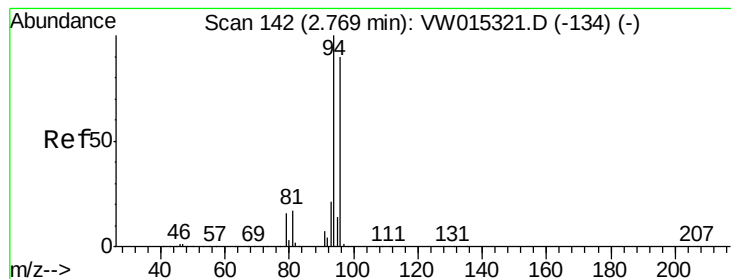
Tgt Ion: 62 Resp: 47044

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 22.548 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

VW0423SBSD01

Tot Ion: 94 Resp: 39713

Ion Ratio Lower Upper

94 100

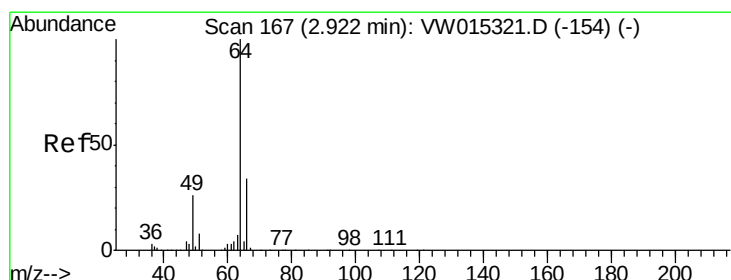
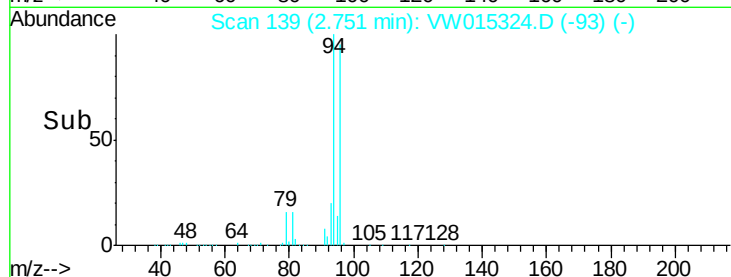
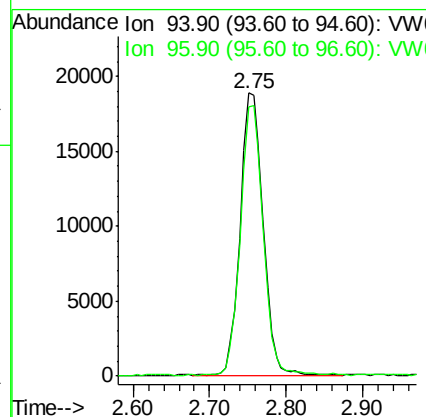
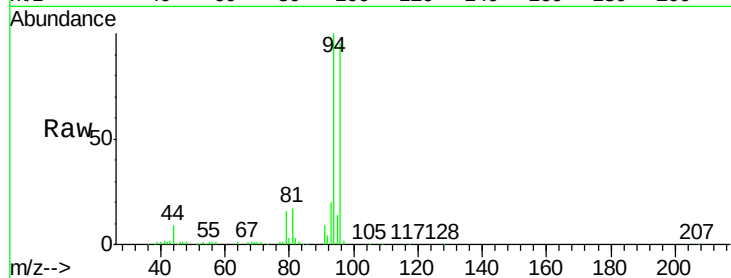
96 94.6 70.4 105.6

Manual Integrations

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#6

Chloroethane

Concen: 18.151 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW015324.D

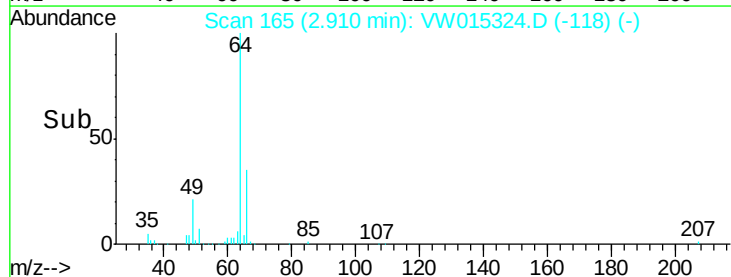
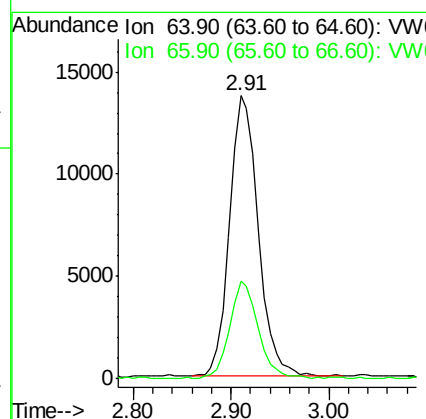
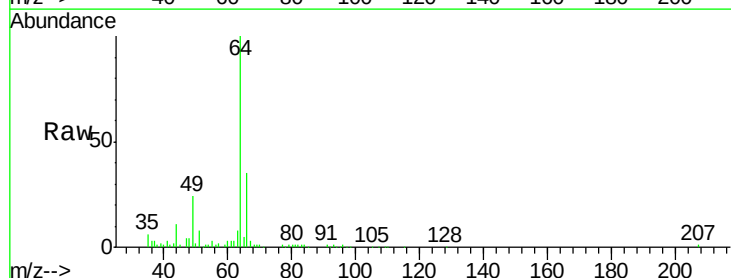
Acq: 23 Apr 2020 11:43

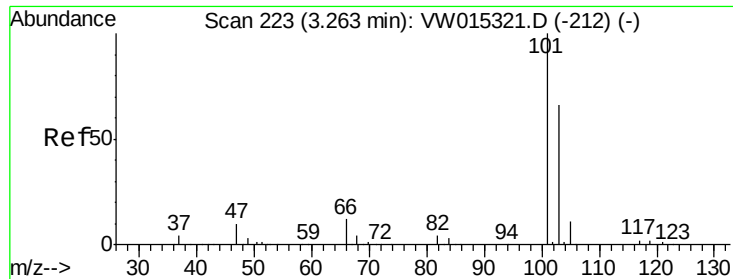
Tgt Ion: 64 Resp: 27889

Ion Ratio Lower Upper

64 100

66 34.5 25.8 38.6





#7

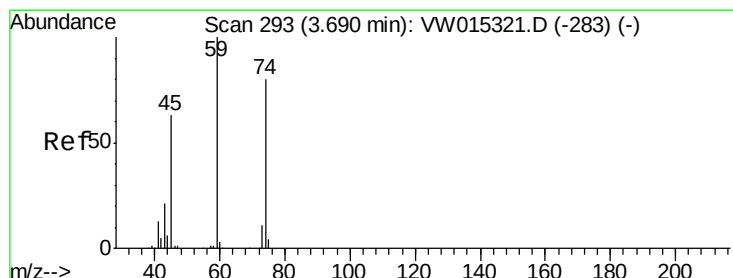
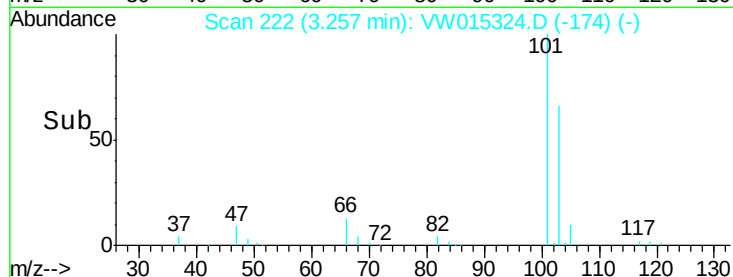
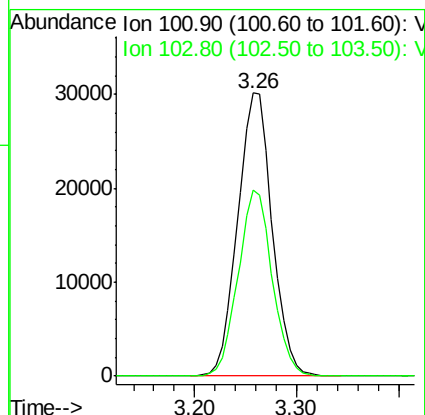
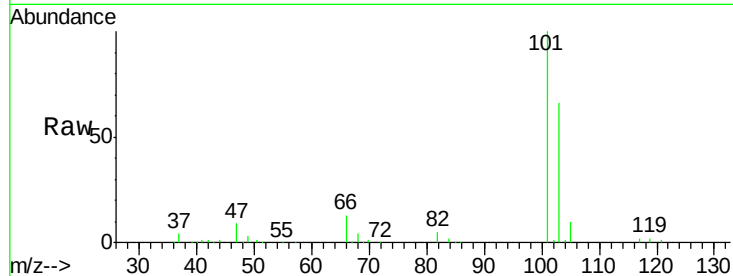
Trichlorofluoromethane
Concen: 20.141 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.3	76.9

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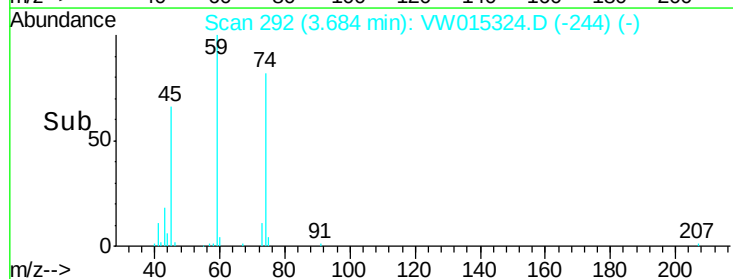
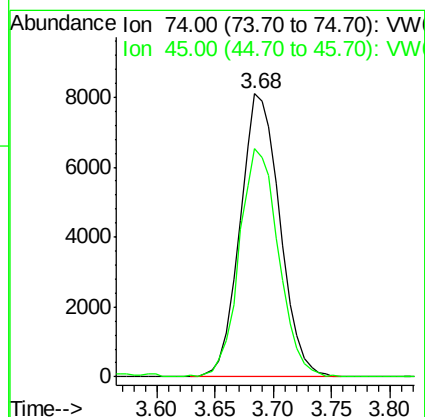
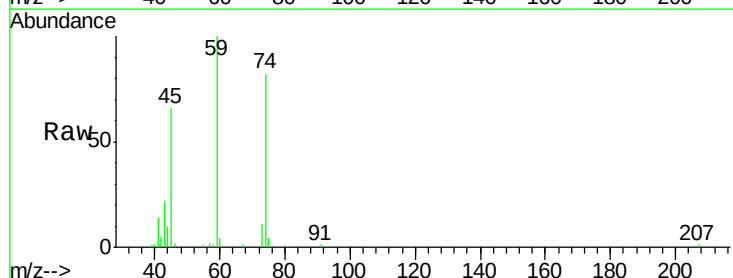
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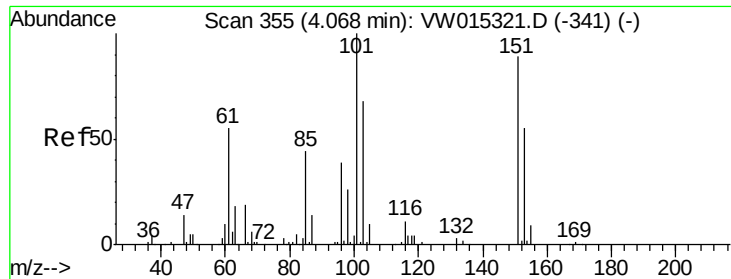


#8

Diethyl Ether
Concen: 19.507 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	80.0	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.419 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015324.D

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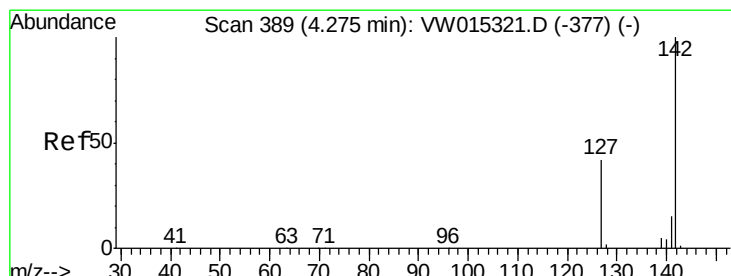
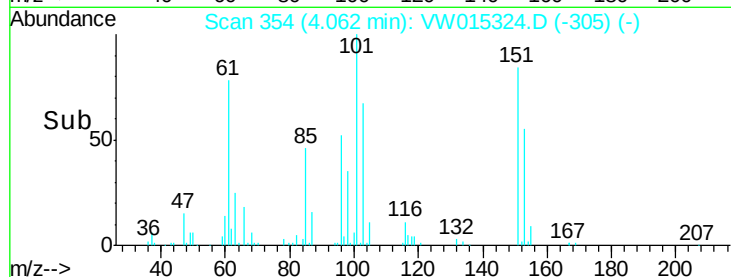
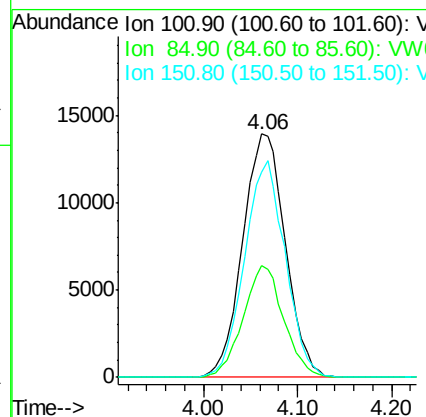
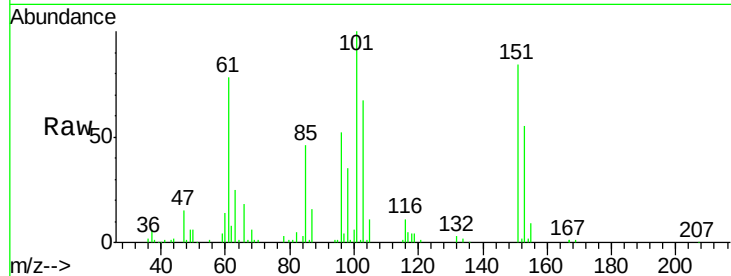
ClientSampleId :

VW0423SBSD01

Tot Ion:	101	Resp:	44137
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.3	52.9
151	85.1	59.3	88.9

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#10

Methyl Iodide

Concen: 18.176 ug/l

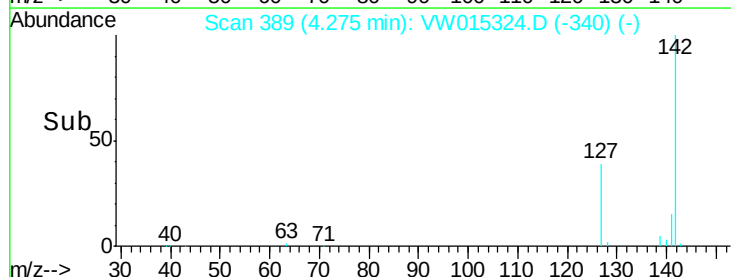
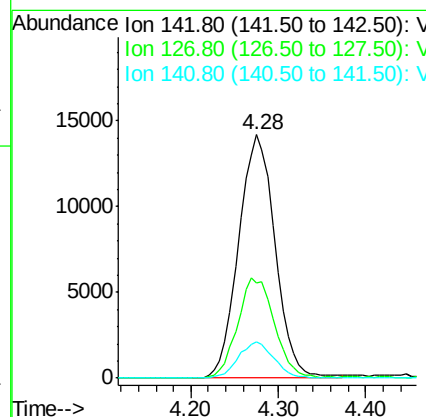
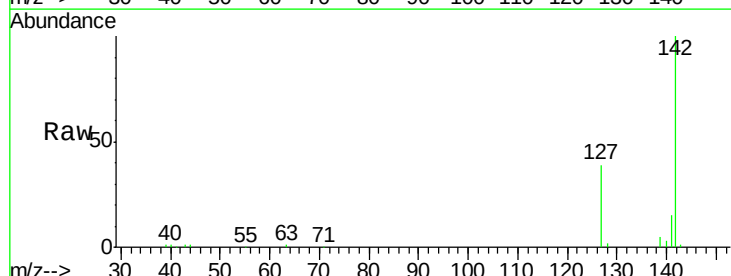
RT: 4.28 min Scan# 389

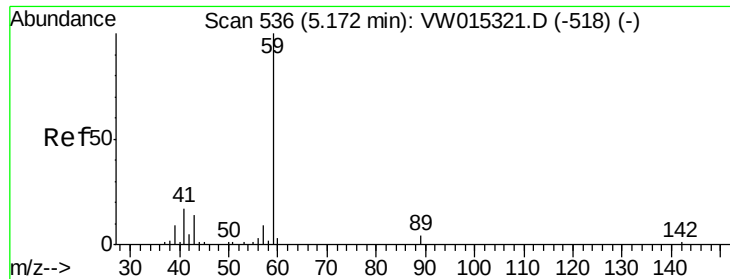
Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Tgt Ion:	142	Resp:	41265
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.9	50.9
141	14.3	11.4	17.2





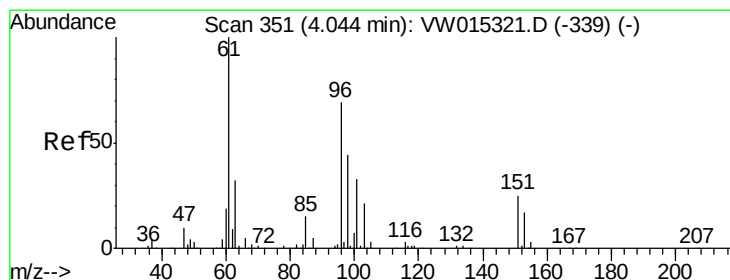
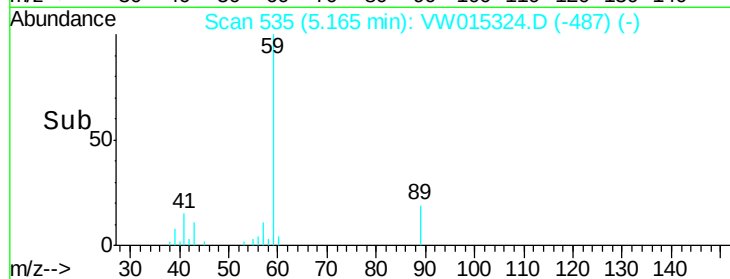
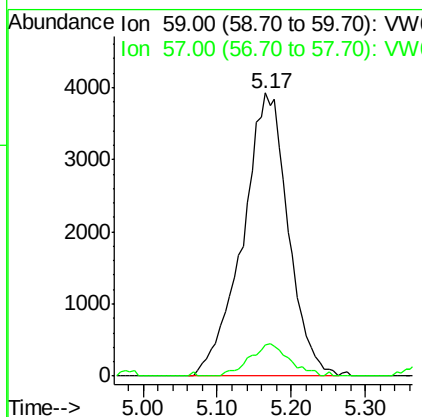
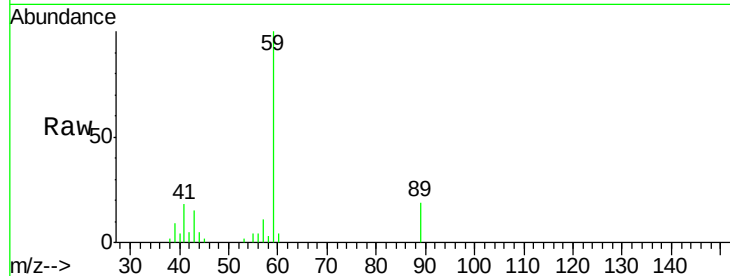
#11
Tert butyl alcohol
Concen: 103.197 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBSD01

Tot Ion	59	Resp	16780
Ion Ratio	100	Lower	Upper
57	10.1	8.4	12.6

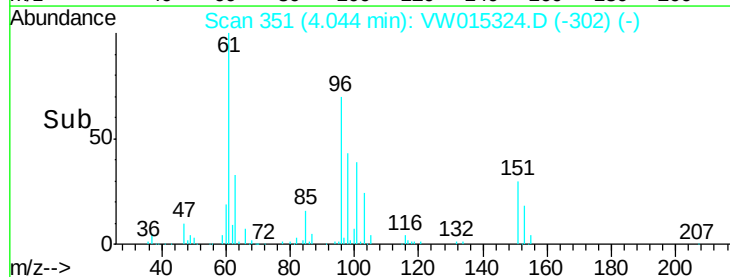
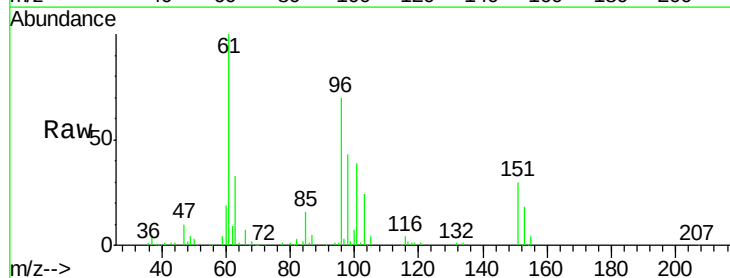
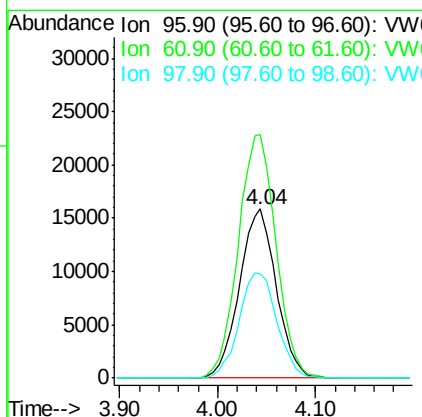
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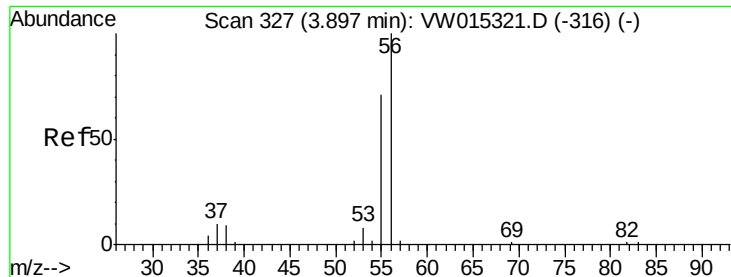
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.927 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	96	Resp	41459
Ion Ratio	100	Lower	Upper
61	143.8	127.0	190.4
98	61.6	51.0	76.4





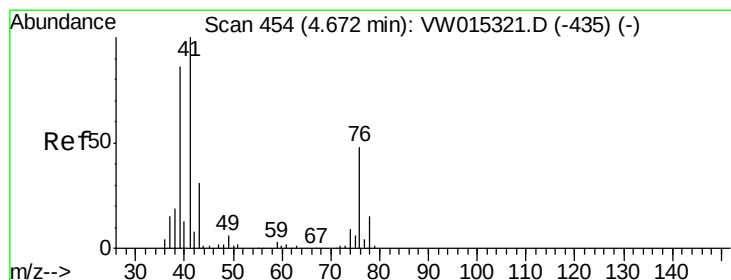
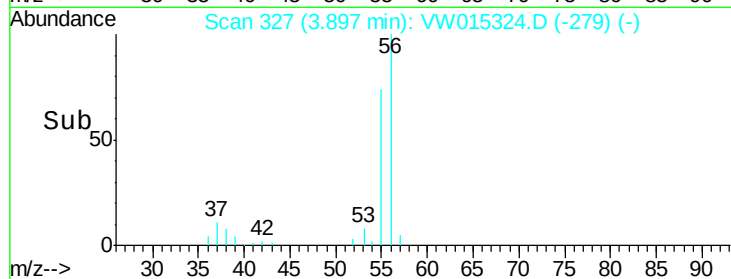
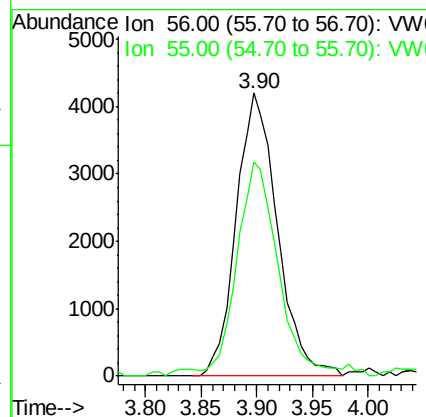
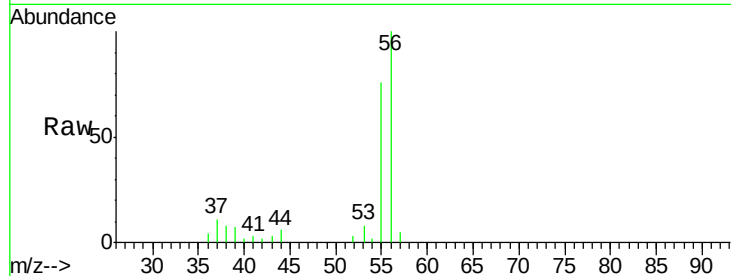
#13
Acrolein
Concen: 126.996 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	69.7	56.2	84.2	

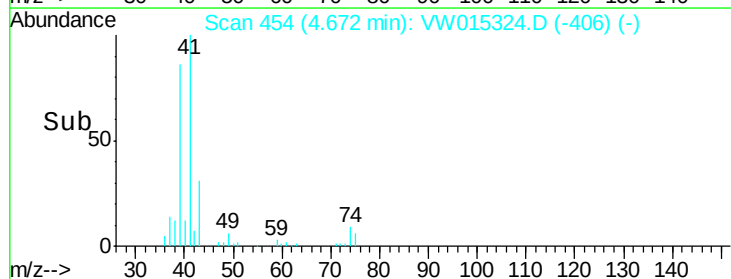
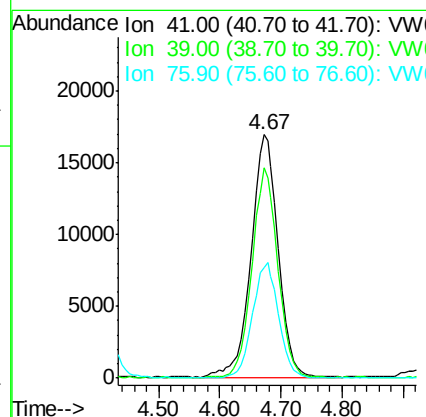
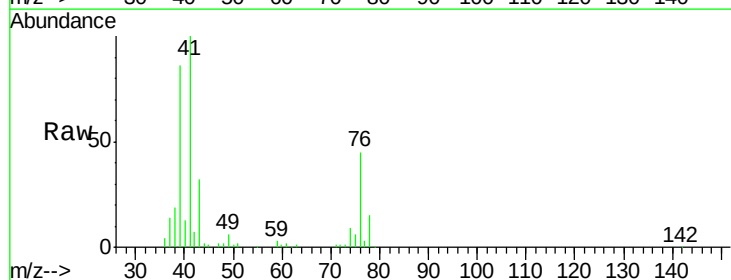
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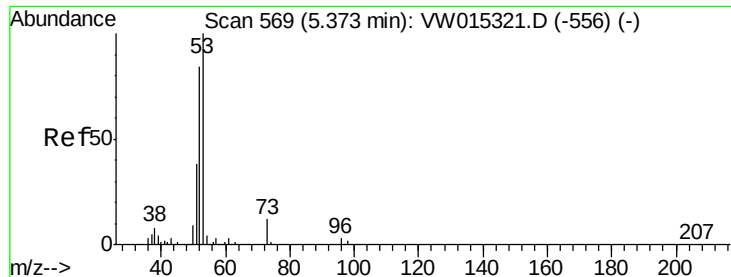
MMDadoda
4/24/2020 1:32:47 PM



#14
Allyl chloride
Concen: 18.918 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	83.1	54.0	81.0#	
76	45.6	31.8	47.6	





#15

Acrylonitrile

Concen: 94.398 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

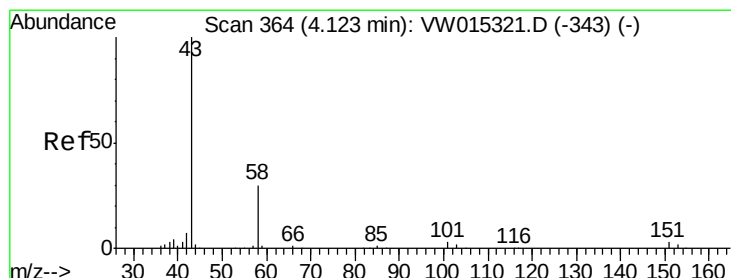
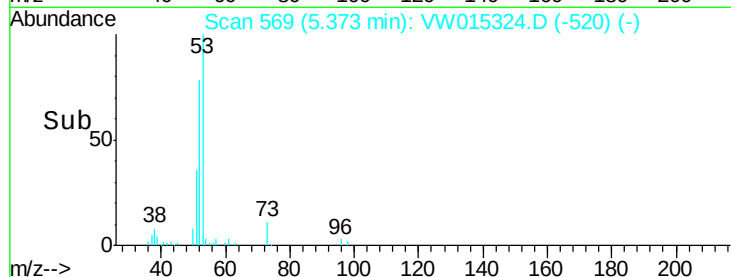
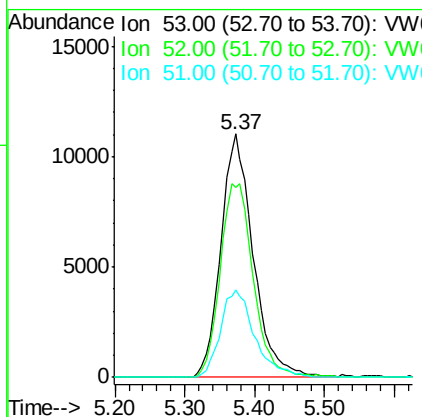
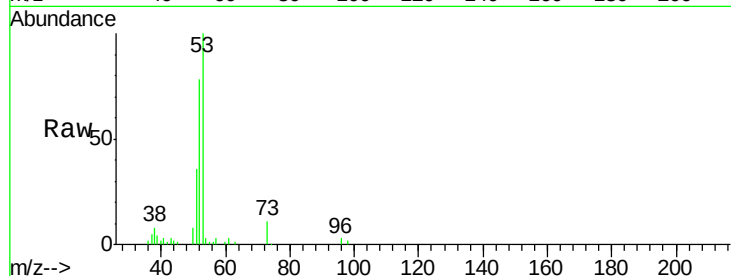
ClientSampleId :

VW0423SBS01

Tot Ion:	53	Resp:	35344
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.2	97.8
51	38.1	28.2	42.4

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#16

Acetone

Concen: 85.858 ug/l

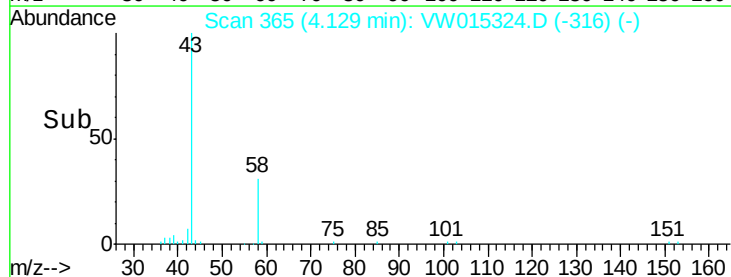
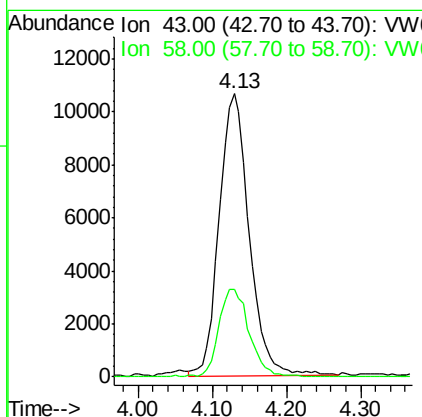
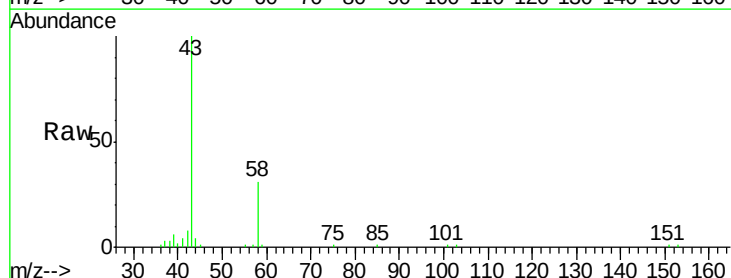
RT: 4.13 min Scan# 365

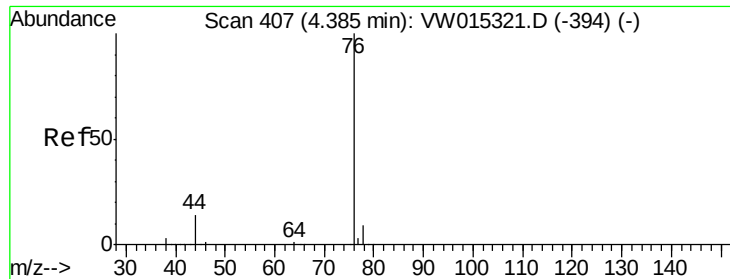
Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Tgt Ion:	43	Resp:	29913
Ion	Ratio	Lower	Upper
43	100		
58	31.1	27.0	40.4





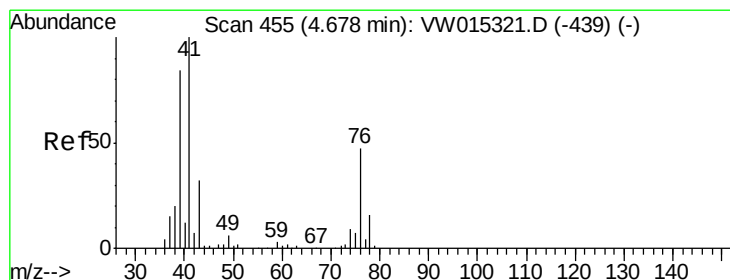
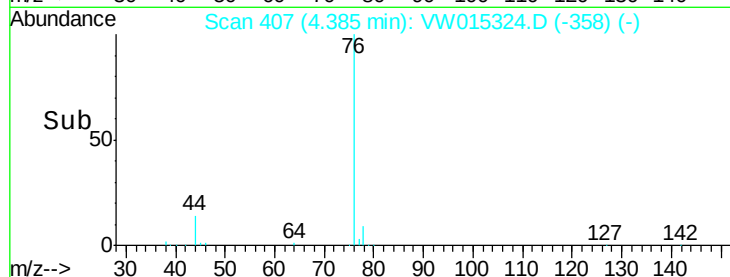
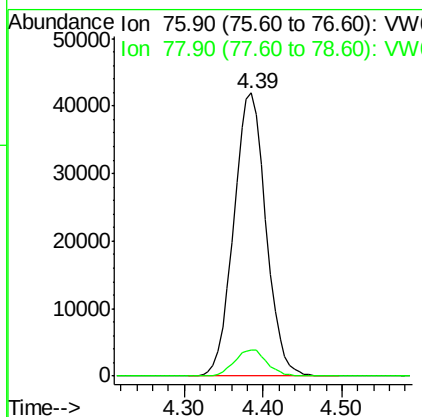
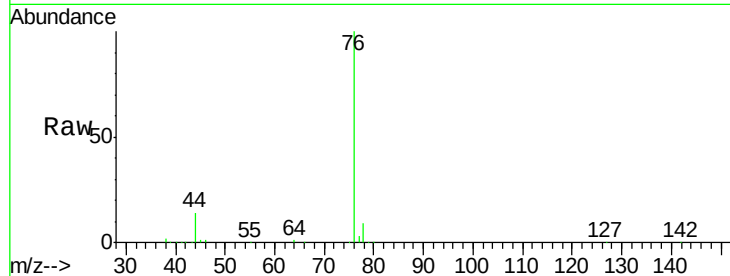
#17
Carbon Disulfide
Concen: 19.232 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBSD01

Tot Ion: 76 Resp: 118908
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

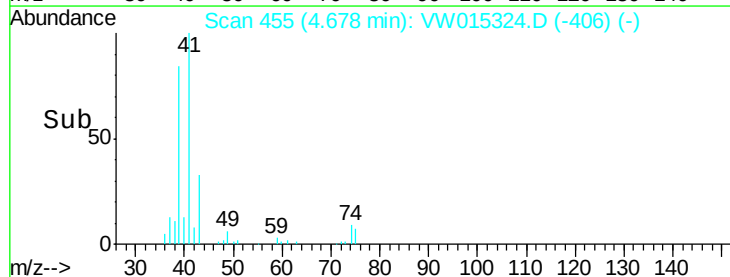
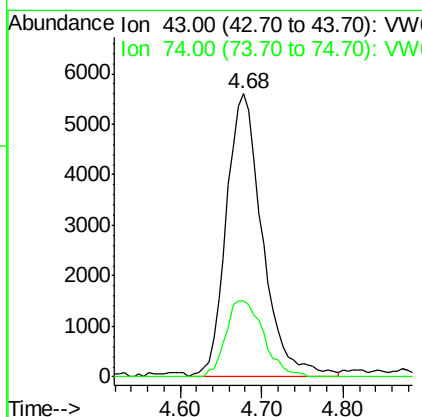
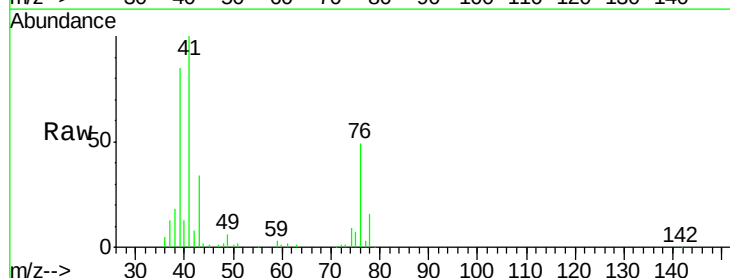
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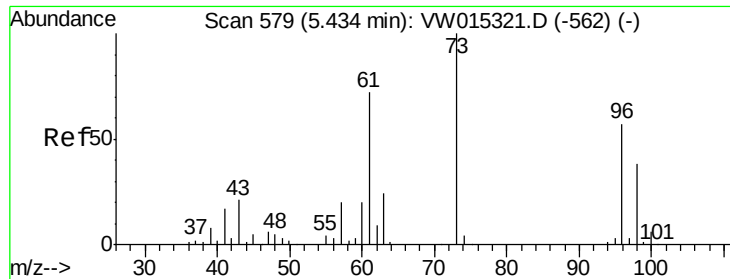
MMDadoda
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#18
Methyl Acetate
Concen: 18.656 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion: 43 Resp: 17205
Ion Ratio Lower Upper
43 100
74 28.1 20.6 31.0





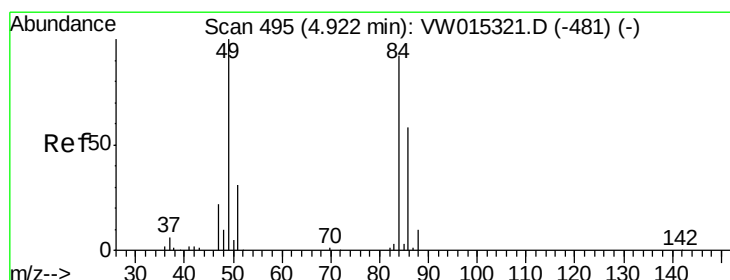
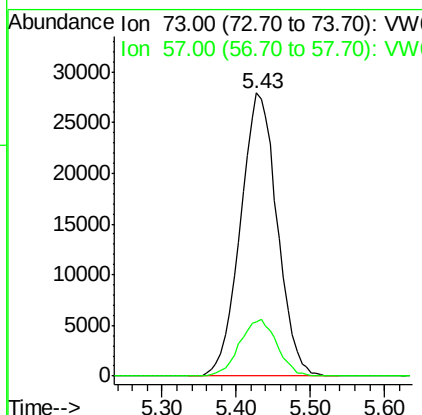
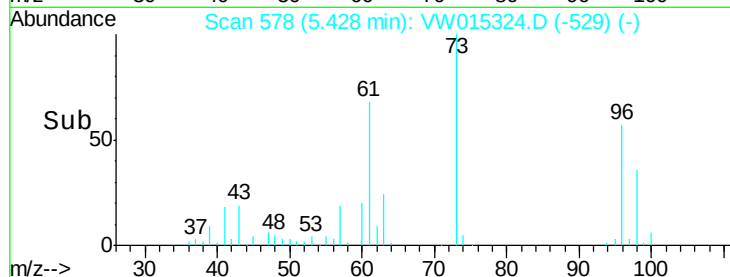
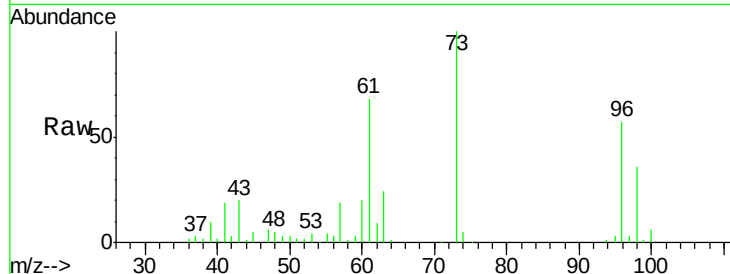
#19
Methyl tert-butyl Ether
Concen: 20.194 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBS01

Tot Ion: 73 Resp: 96448
Ion Ratio Lower Upper
73 100
57 19.3 17.8 26.6

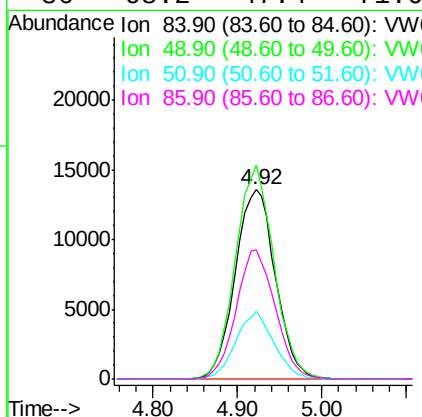
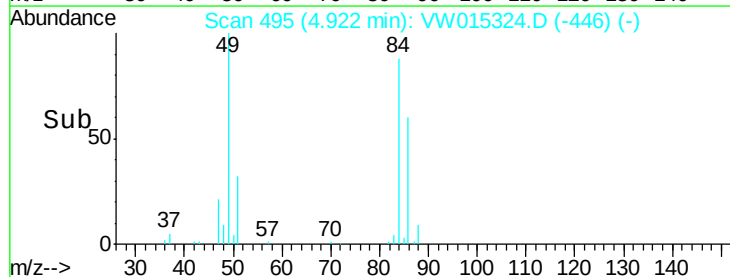
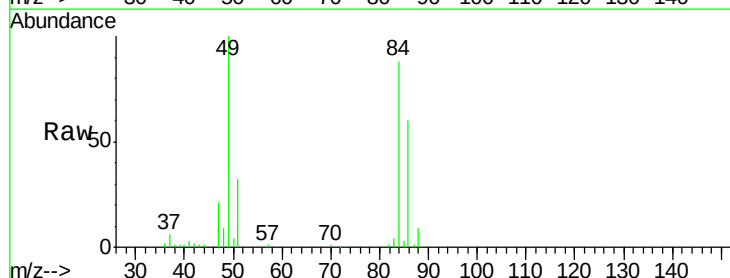
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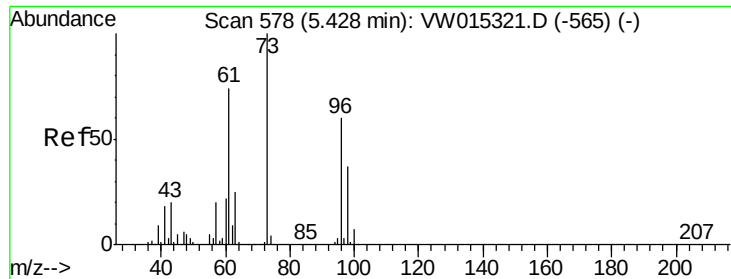
MMDadoda
4/24/2020 1:32:47 PM



#20
Methylene Chloride
Concen: 19.267 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion: 84 Resp: 43993
Ion Ratio Lower Upper
84 100
49 113.1 95.4 143.0
51 35.8 29.8 44.8
86 68.2 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 20.090 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

VW0423SBSD01

Tot Ion: 96 Resp: 47406

Ion Ratio Lower Upper

96 100

61 118.5 107.8 161.6

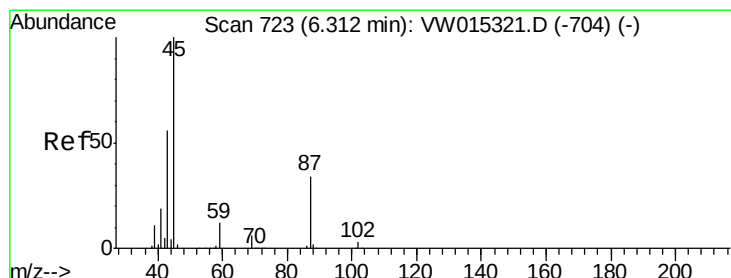
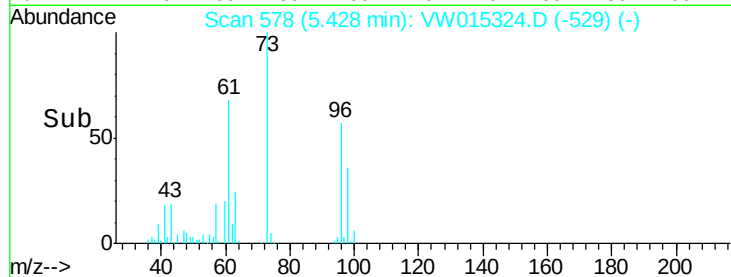
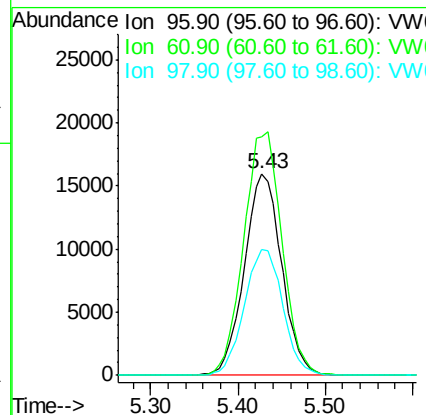
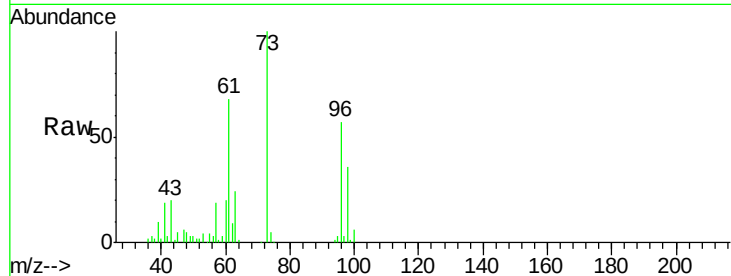
98 62.7 50.2 75.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.656 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Tgt Ion: 45 Resp: 104079

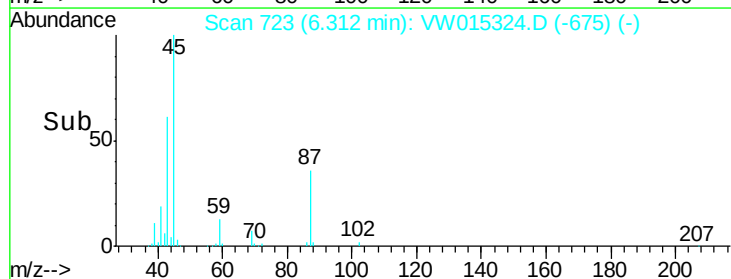
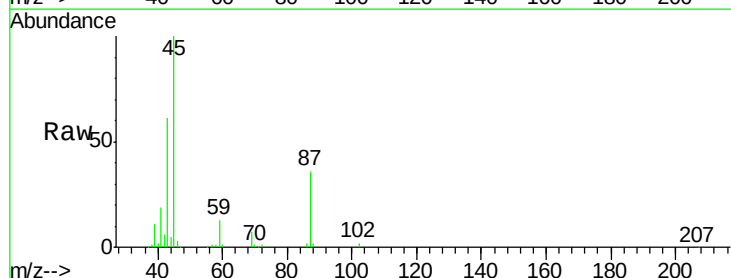
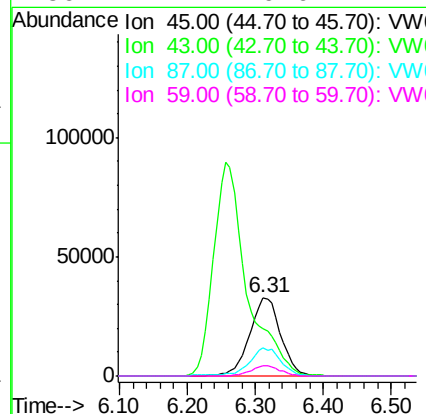
Ion Ratio Lower Upper

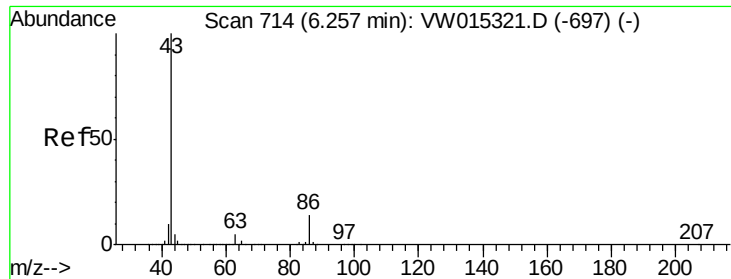
45 100

43 60.4 41.8 62.6

87 35.9 23.2 34.8#

59 12.7 9.6 14.4





#23

Vinyl Acetate

Concen: 98.004 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleID :

VW0423SBS01

Tot Ion: 43 Resp: 304521

Ion Ratio Lower Upper

43 100

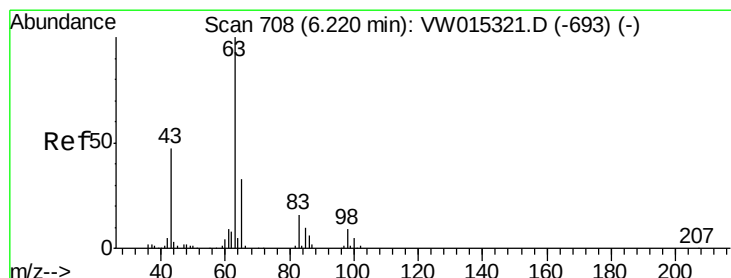
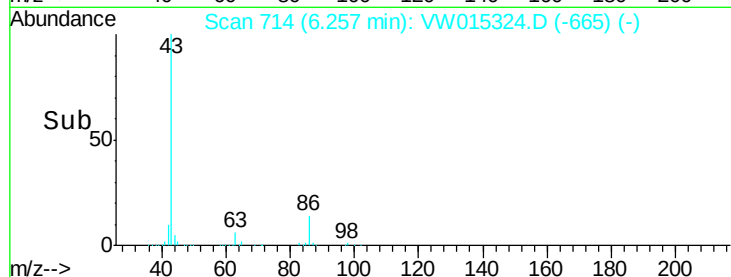
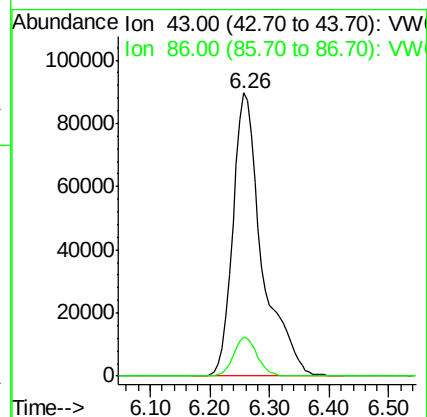
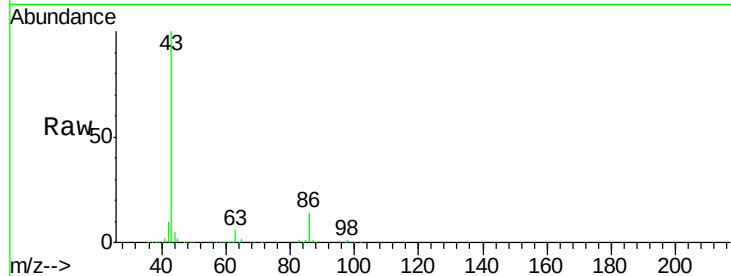
86 13.8 9.1 13.7#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.967 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

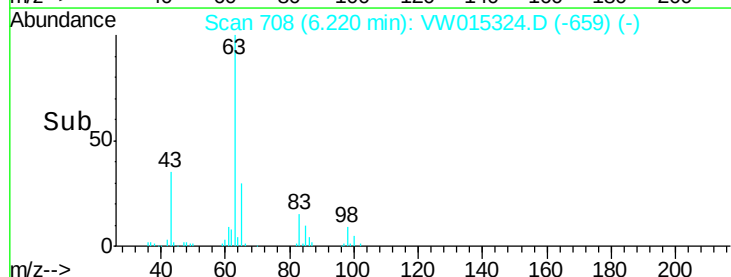
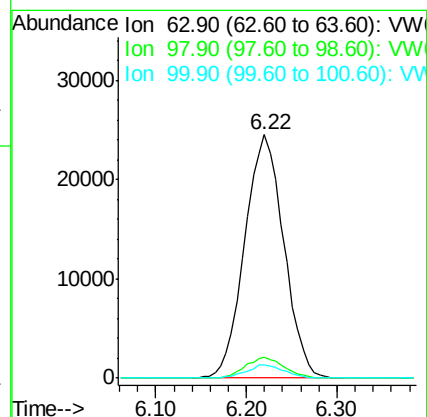
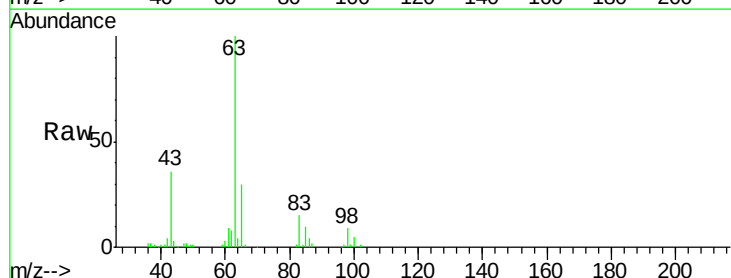
Tgt Ion: 63 Resp: 73272

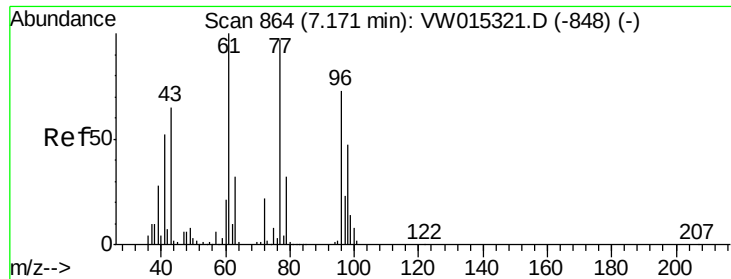
Ion Ratio Lower Upper

63 100

98 8.6 3.6 10.9

100 5.2 2.4 7.2





#25

2-Butanone

Concen: 96.185 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

VW0423SBSD01

Tot Ion: 43 Resp: 44460

Ion Ratio Lower Upper

43 100

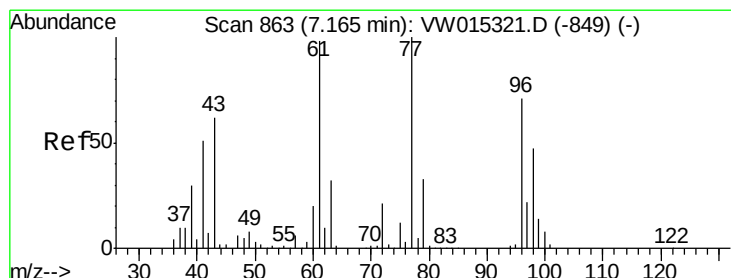
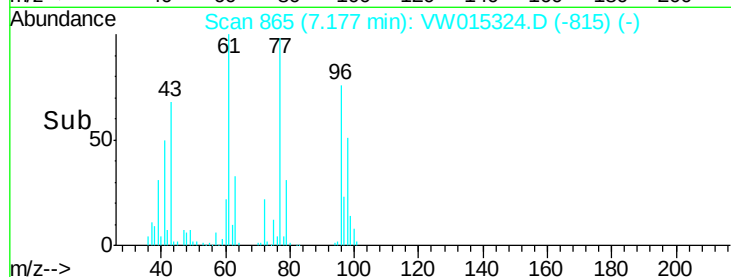
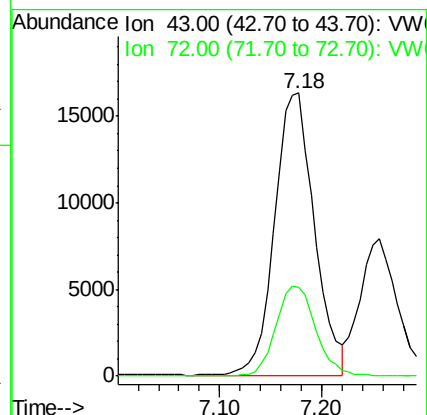
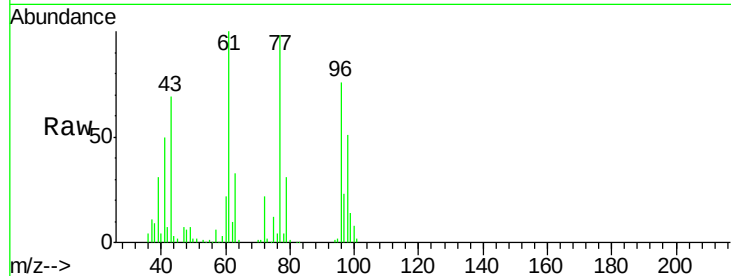
72 31.4 21.6 32.4

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#26

2,2-Dichloropropane

Concen: 19.981 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015324.D

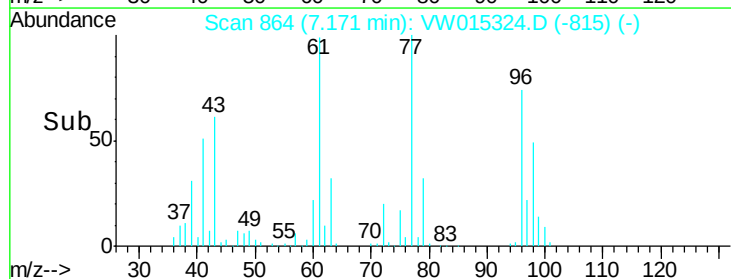
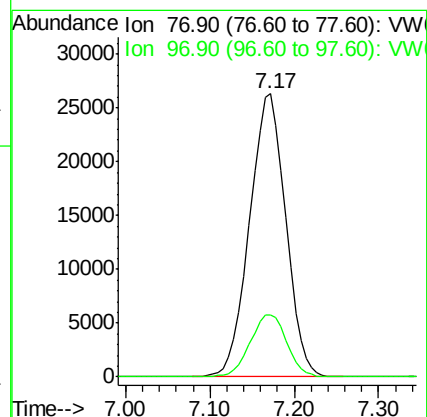
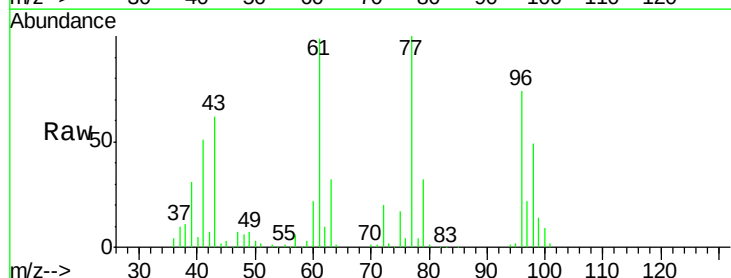
Acq: 23 Apr 2020 11:43

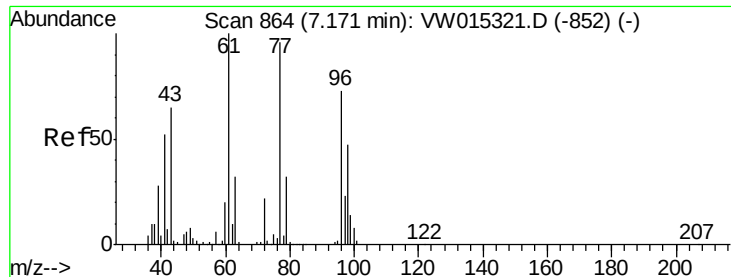
Tgt Ion: 77 Resp: 77140

Ion Ratio Lower Upper

77 100

97 22.4 11.9 35.5





#27

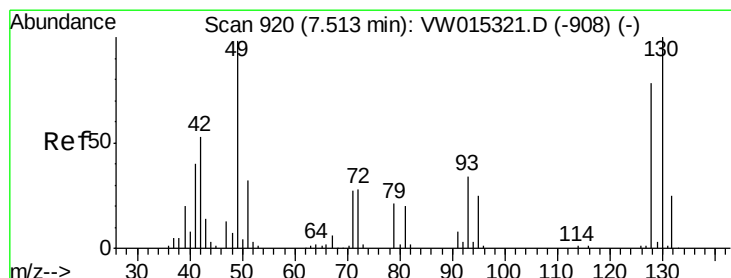
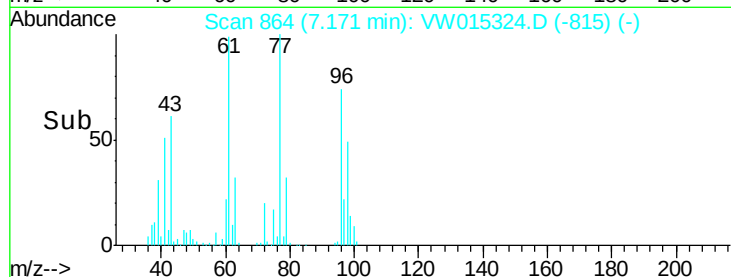
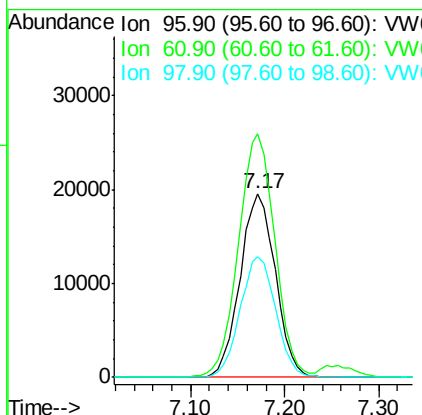
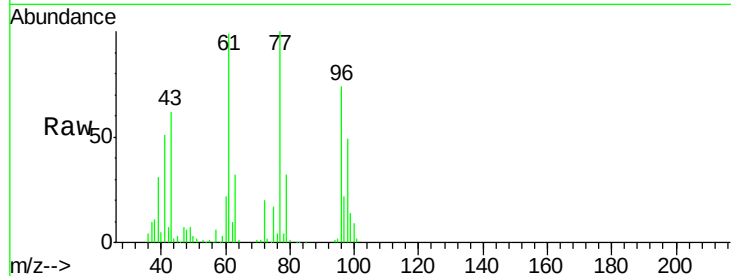
cis-1,2-Dichloroethene
Concen: 20.031 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	275.0
98	66.2	0.0	130.8

Manual Integrations
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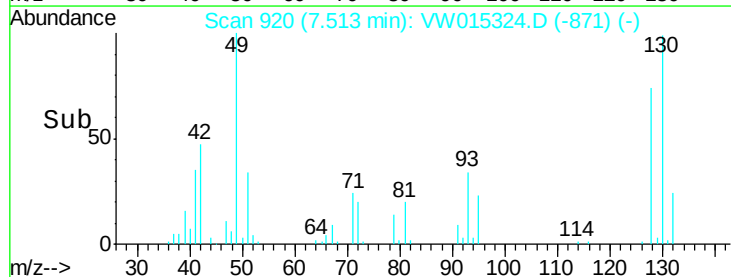
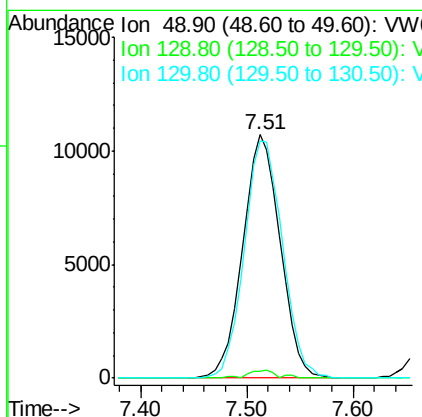
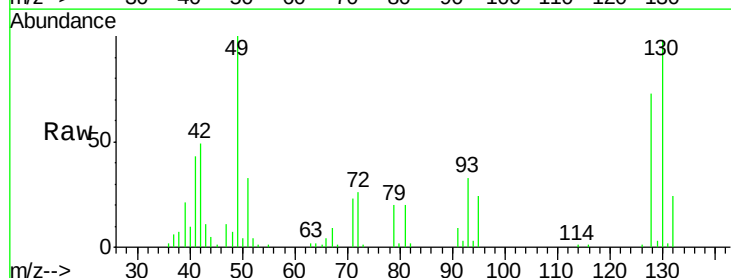
MMDadoda
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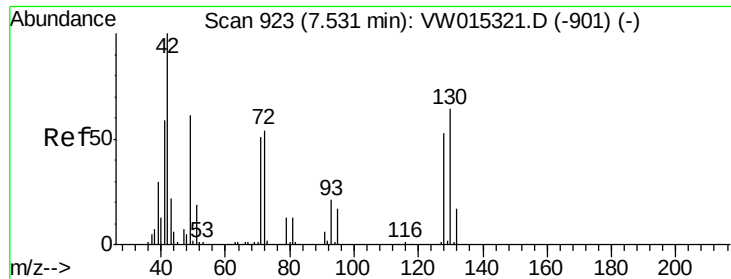


#28

Bromochloromethane
Concen: 19.806 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	100.0	60.9	91.3#





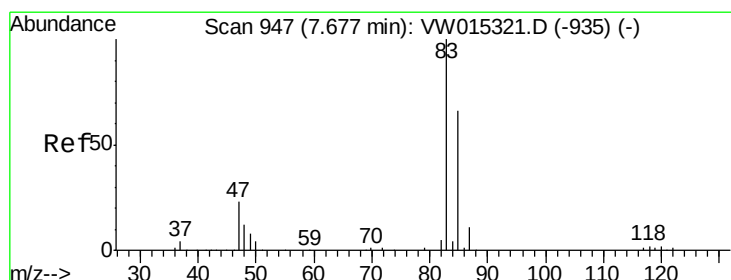
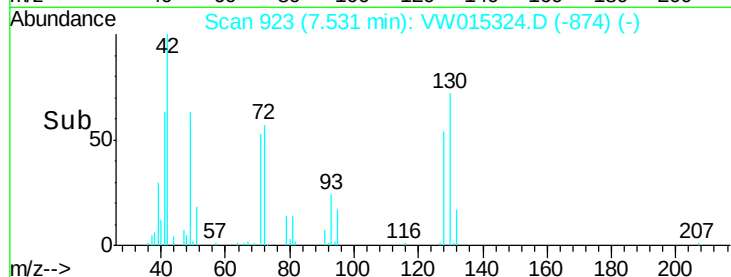
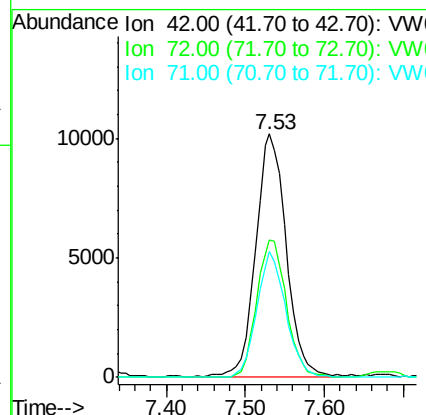
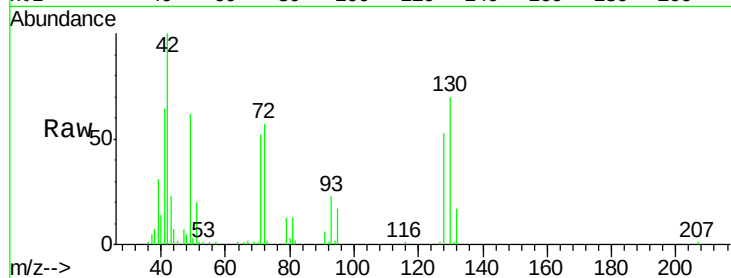
#29
Tetrahydrofuran
Concen: 95.382 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.5	36.2	54.2#
71	48.9	34.2	51.4

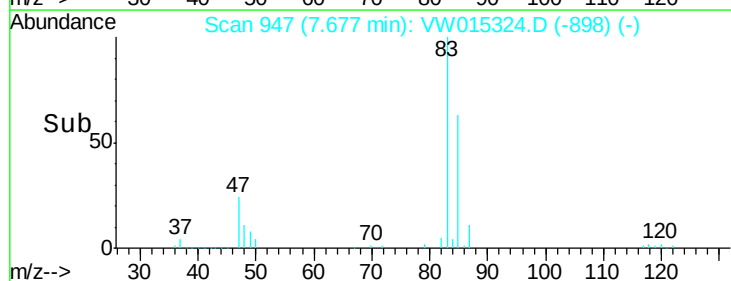
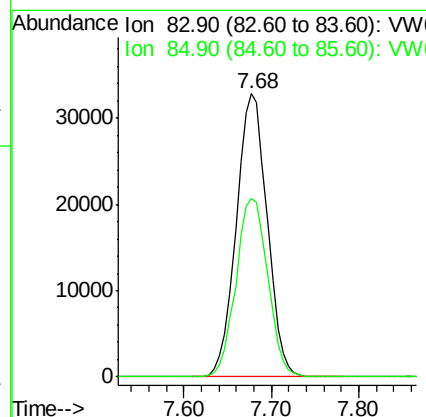
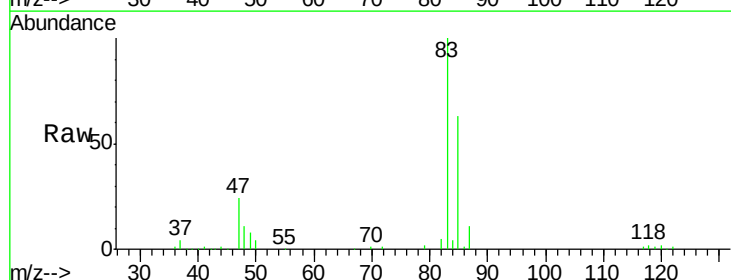
Manual Integrations
APPROVED

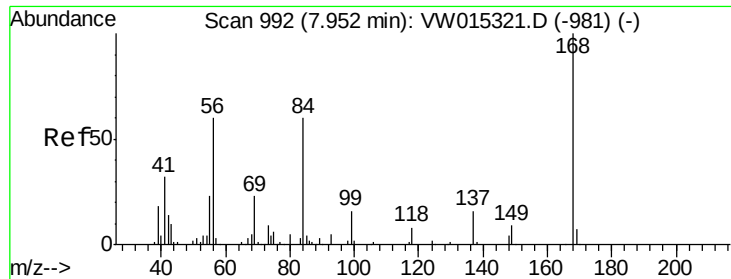
MMDadoda
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#30
Chloroform
Concen: 20.355 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.9	76.3





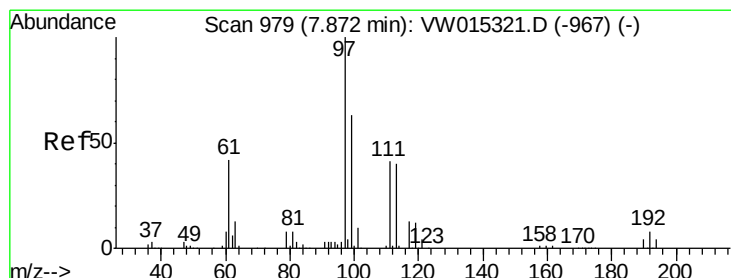
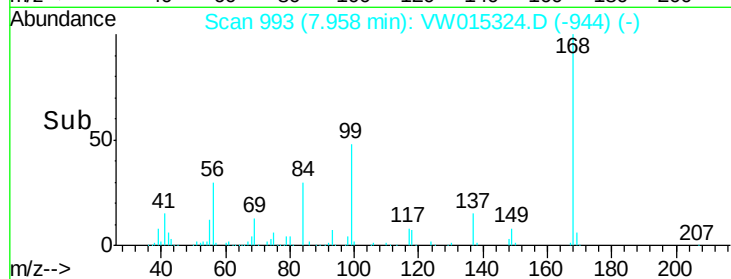
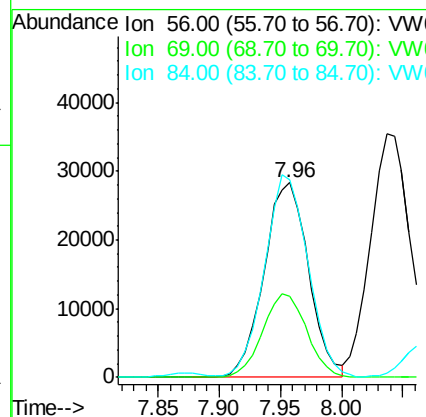
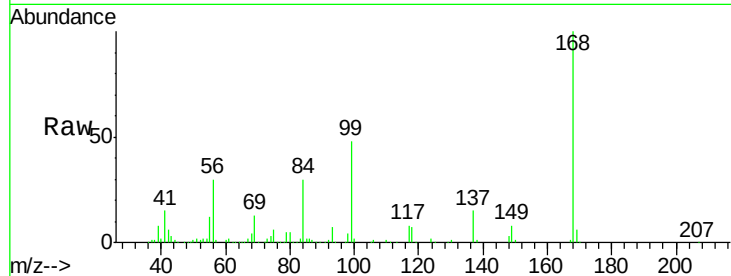
#31
Cyclohexane
Concen: 19.537 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBS01

Tot Ion	56	Resp	72067
Ion	Ratio	Lower	Upper
56	100		
69	41.8	27.1	40.7#
84	99.3	71.9	107.9

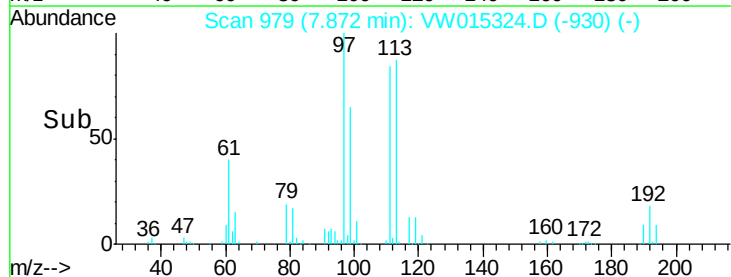
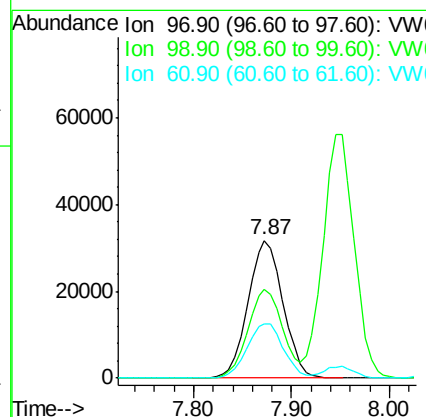
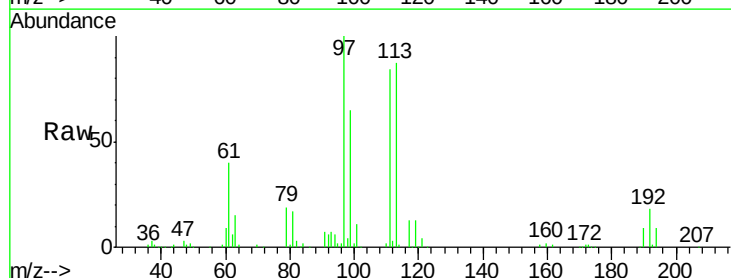
Manual Integrations
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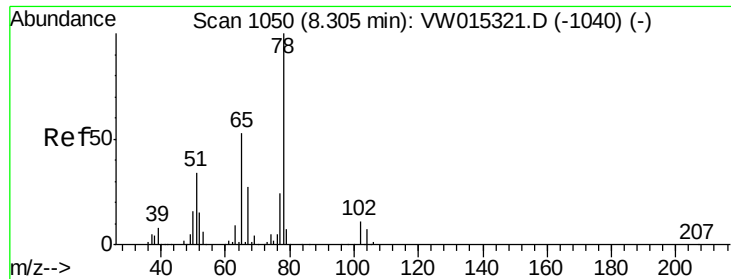
MMDadoda
4/24/2020 1:32:47 PM



#32
1,1,1-Trichloroethane
Concen: 20.510 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	97	Resp	78401
Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.2	78.2
61	41.6	34.2	51.2





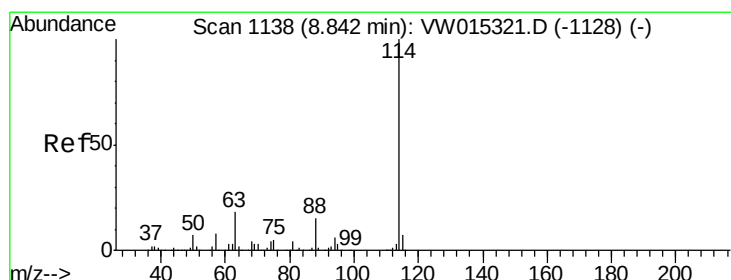
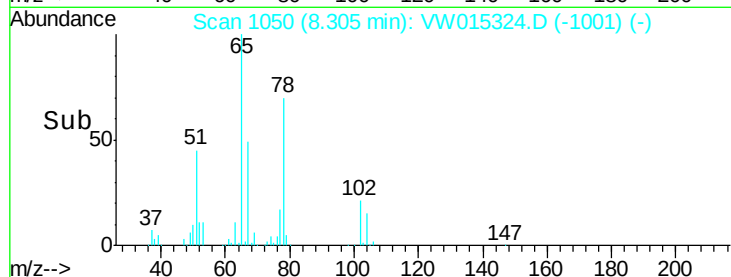
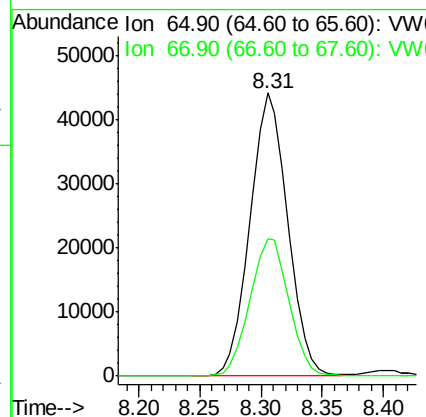
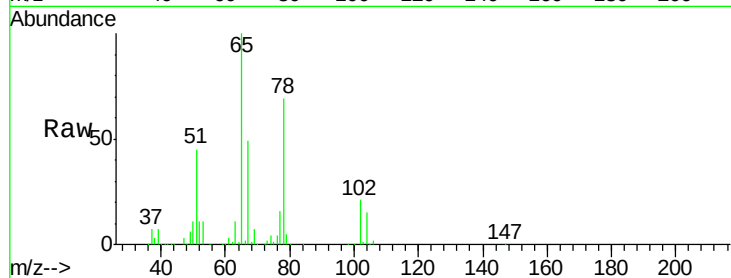
#33
 1,2-Dichloroethane-d4
 Concen: 47.507 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0423SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	94763		
67	50.4	0.0	107.0	

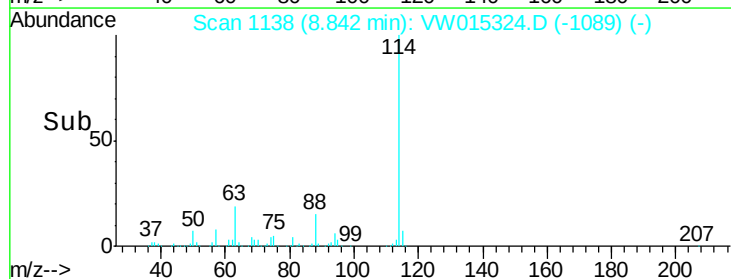
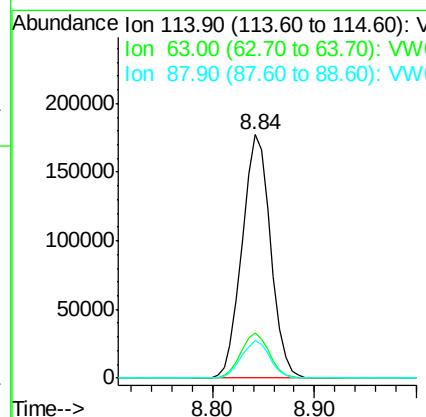
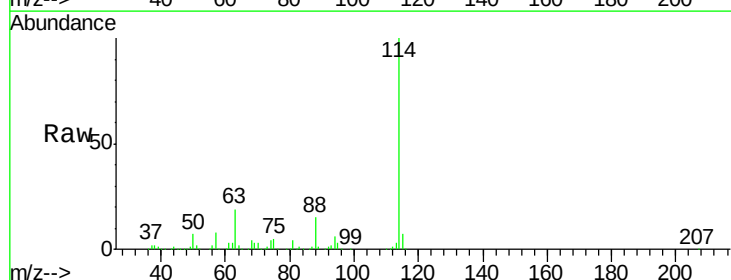
Manual Integrations
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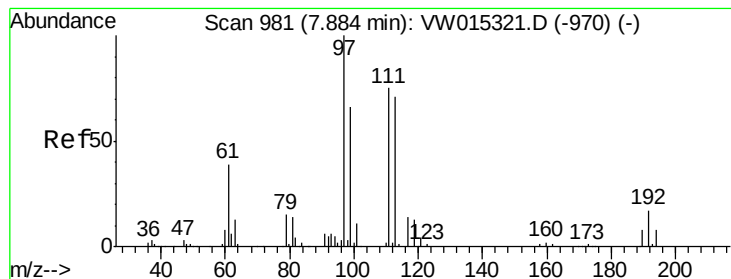
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 4/24/2020 1:32:47 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	343758		
63	18.5	0.0	39.8	
88	15.2	0.0	30.2	





#35

Dibromofluoromethane

Concen: 49.420 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

VW0423SBS01

Tot Ion:113 Resp: 94103

Ion Ratio Lower Upper

113 100

111 101.1 83.0 124.4

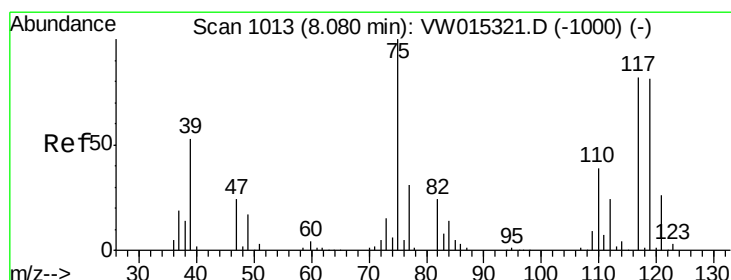
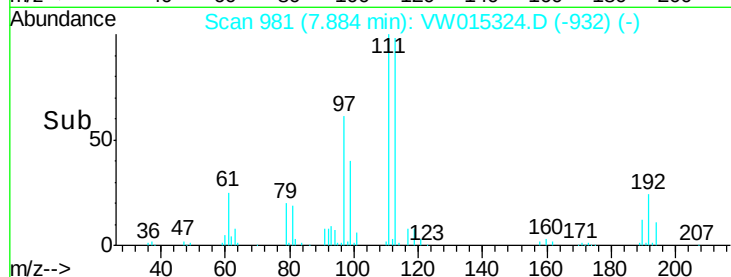
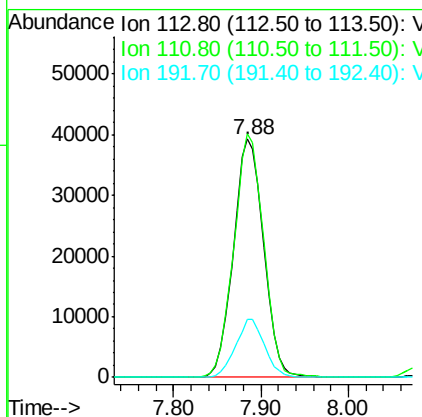
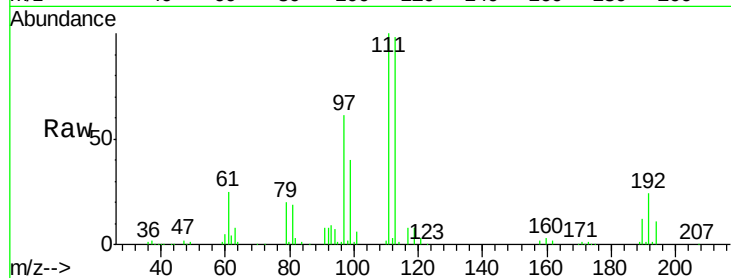
192 23.4 15.1 22.7#

Manual Integrations

APPROVED

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#36

1,1-Dichloropropene

Concen: 20.829 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

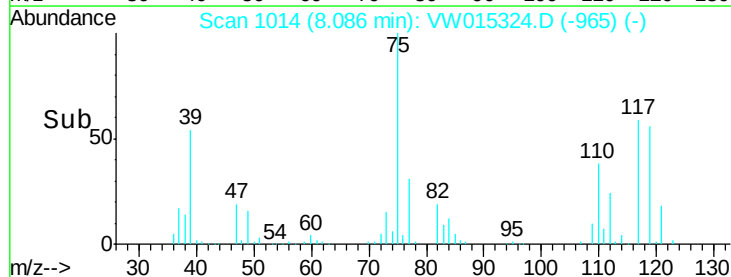
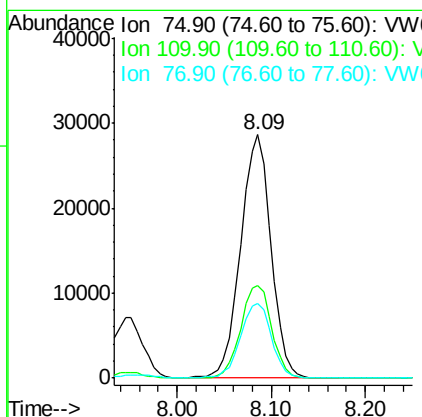
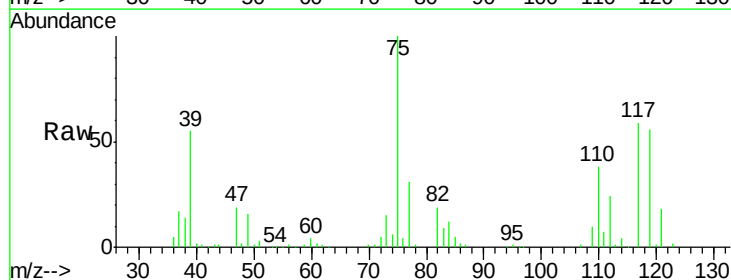
Tgt Ion: 75 Resp: 64626

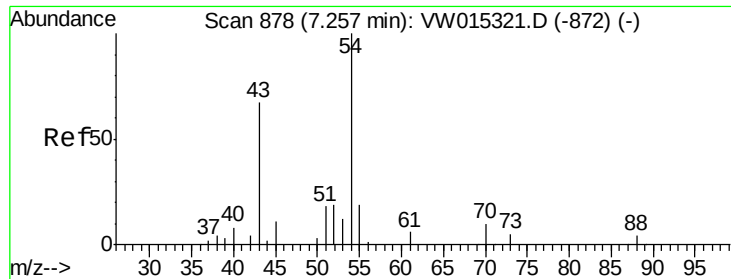
Ion Ratio Lower Upper

75 100

110 38.5 18.2 54.6

77 31.4 24.5 36.7





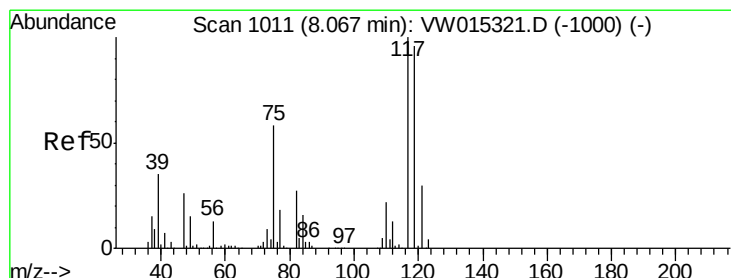
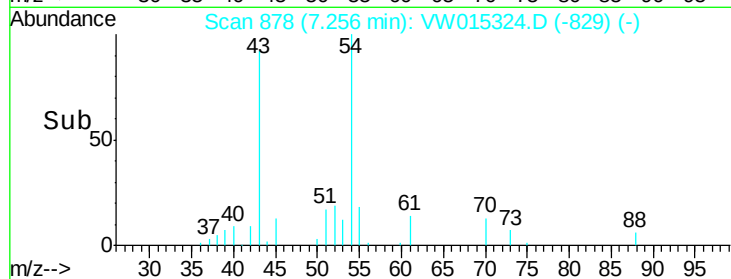
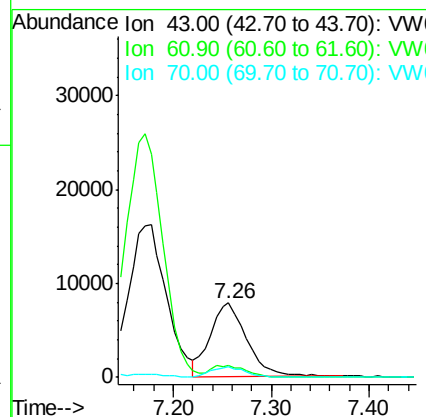
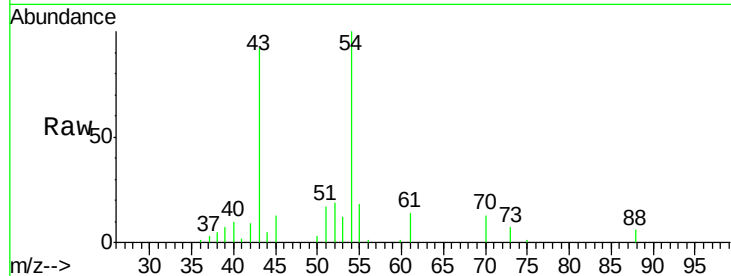
#37
Ethyl Acetate
Concen: 20.228 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.9	17.9
70	13.2	8.8	13.2

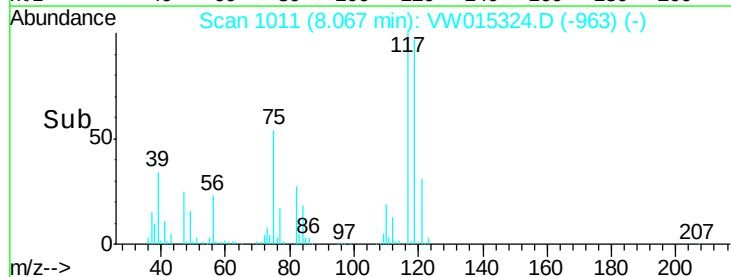
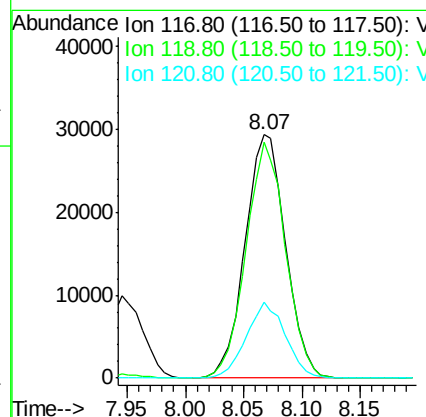
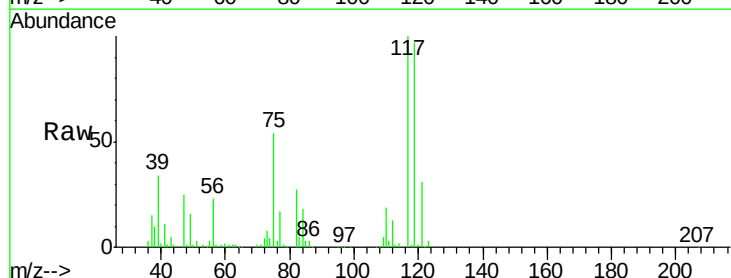
Manual Integrations
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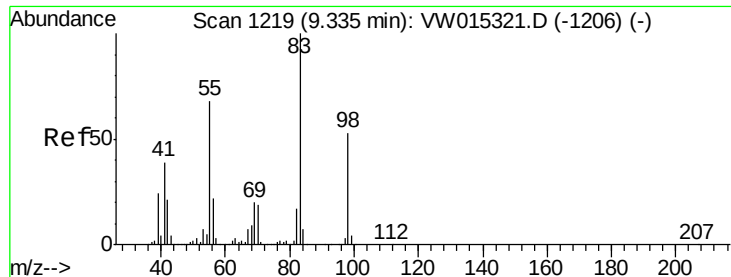
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#38
Carbon Tetrachloride
Concen: 21.019 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	72.3	108.5
121	30.9	23.7	35.5





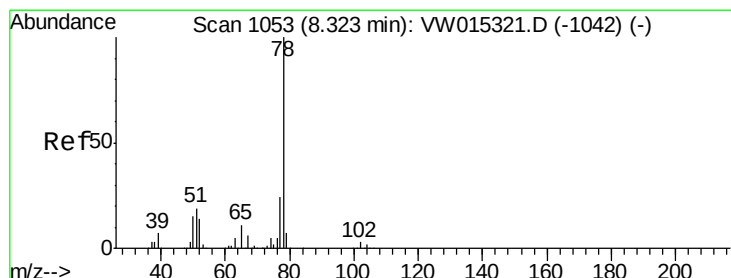
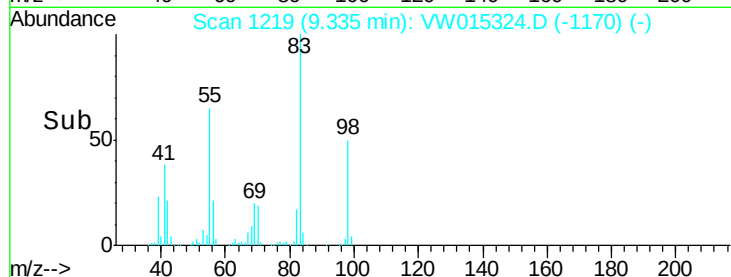
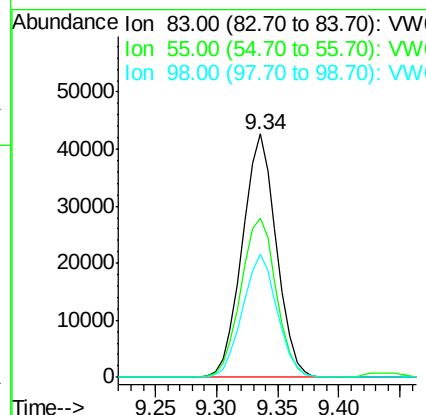
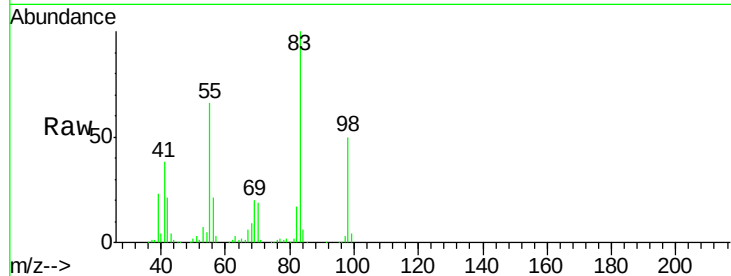
#39
Methylvlcyclohexane
Concen: 19.938 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.5	58.1	87.1
98	50.4	40.2	60.4

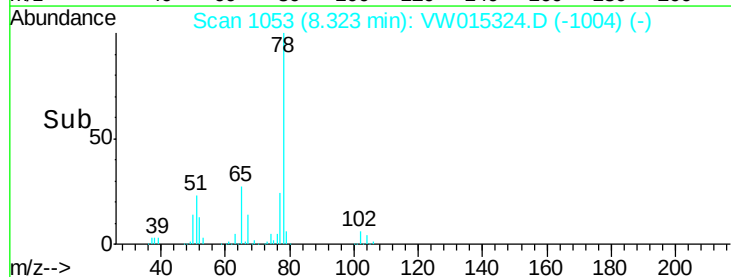
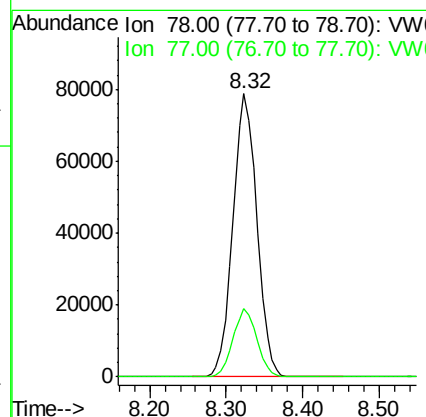
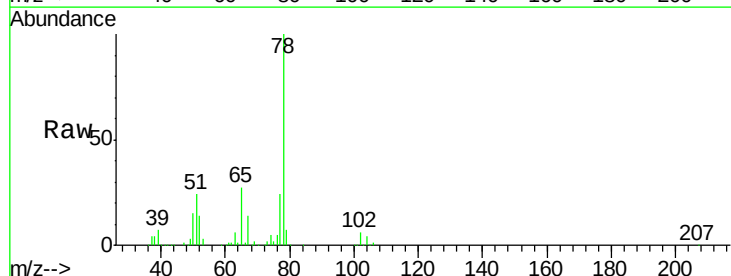
Manual Integrations
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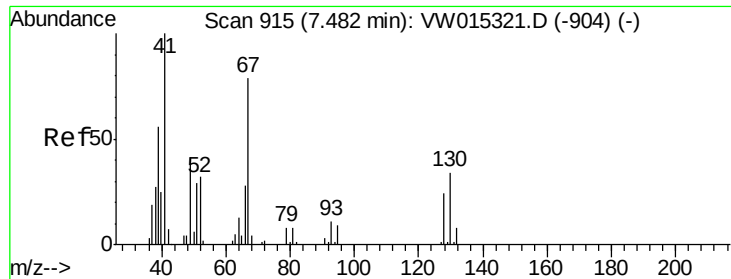
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#40
Benzene
Concen: 20.603 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.2	27.2





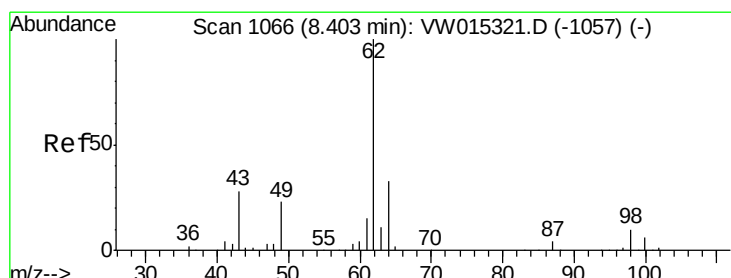
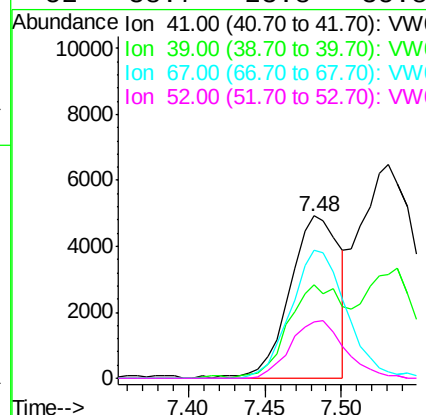
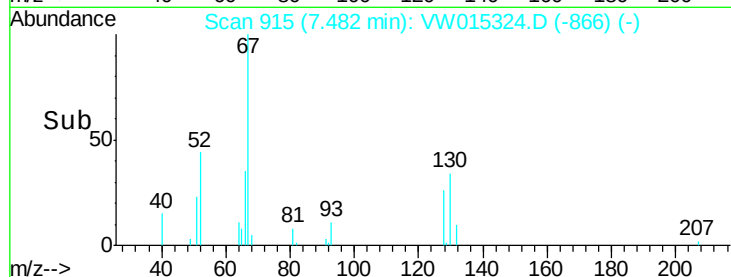
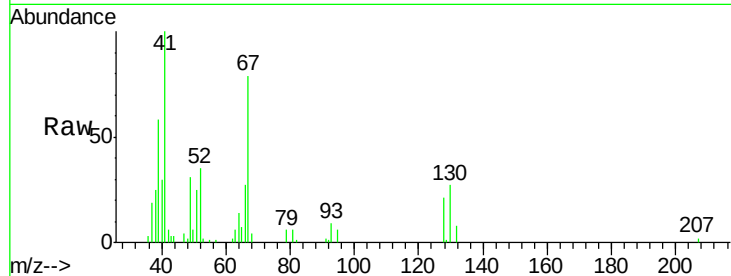
#41
Methacrylonitrile
Concen: 18.467 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		11157		
39	65.9	41.9	62.9#		
67	87.9	60.6	91.0		
52	38.7	23.8	35.8#		

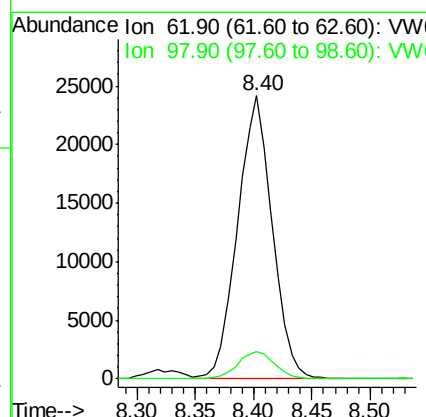
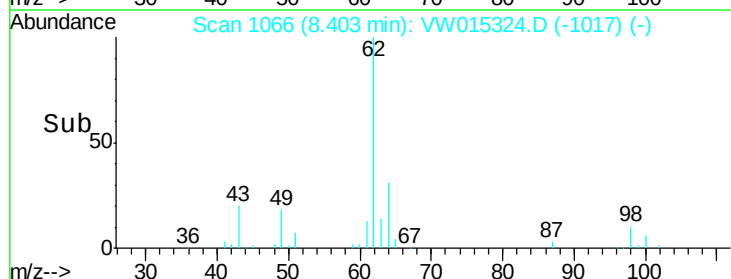
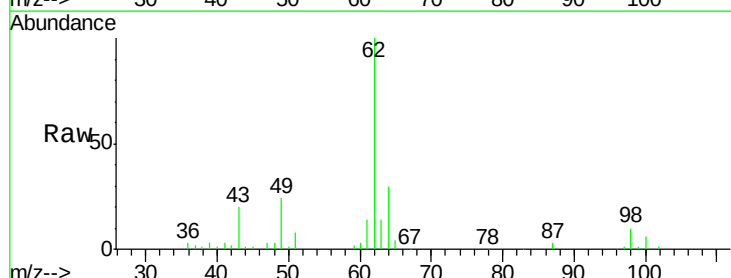
Manual Integrations
APPROVED

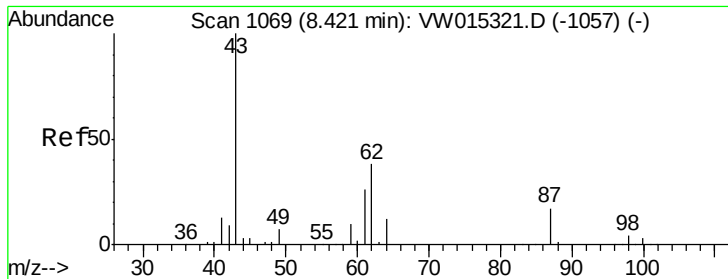
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#42
1,2-Dichloroethane
Concen: 20.556 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		50153		
98	10.1	0.0	20.4		





#43

Isopropyl Acetate

Concen: 19.371 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

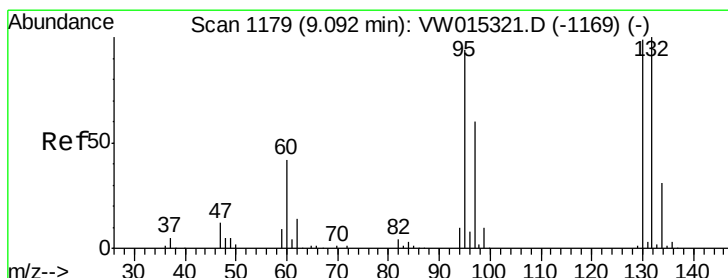
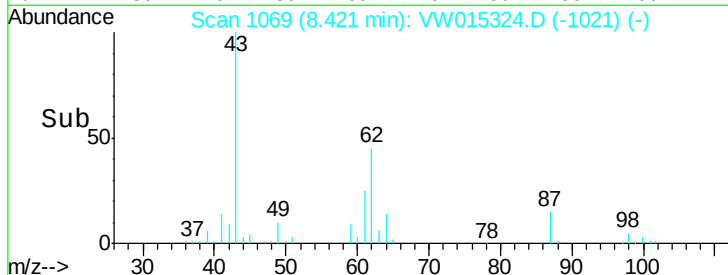
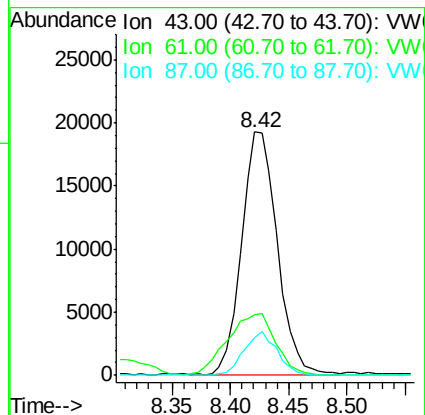
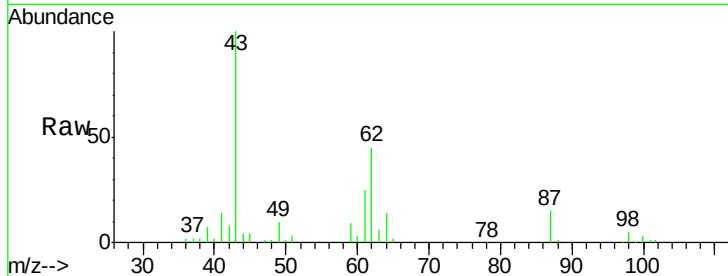
ClientSampleId :

VW0423SBS01

Tot Ion:	43	Resp:	40910
Ion	Ratio	Lower	Upper
43	100		
61	34.5	24.8	37.2
87	16.9	11.4	17.2

Manual Integrations
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MMDadoda
4/24/2020 1:32:47 PM



#44

Trichloroethene

Concen: 21.510 ug/l

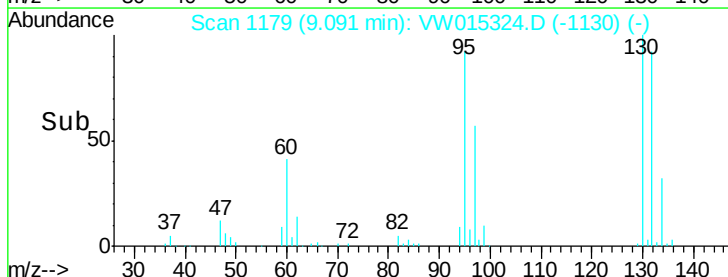
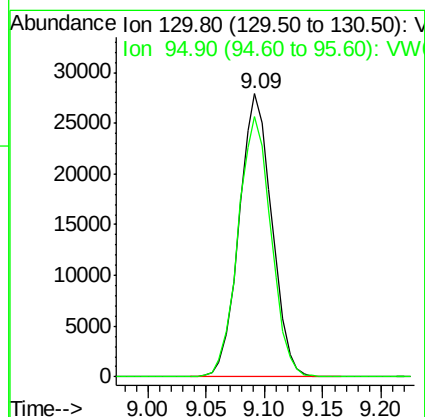
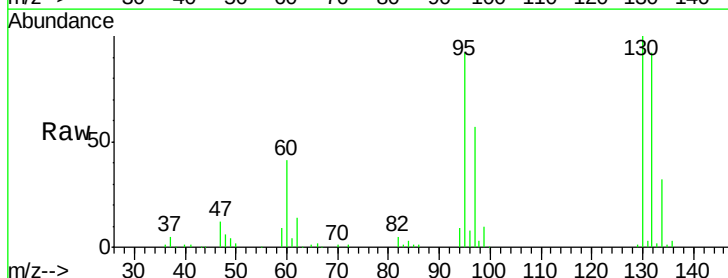
RT: 9.09 min Scan# 1179

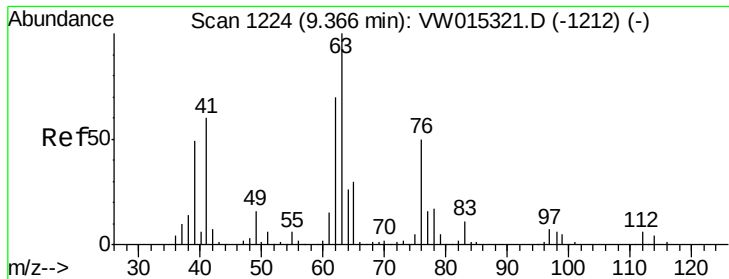
Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Tgt Ion:	130	Resp:	54530
Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	196.4





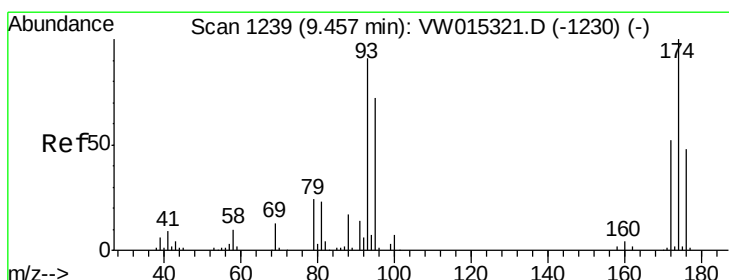
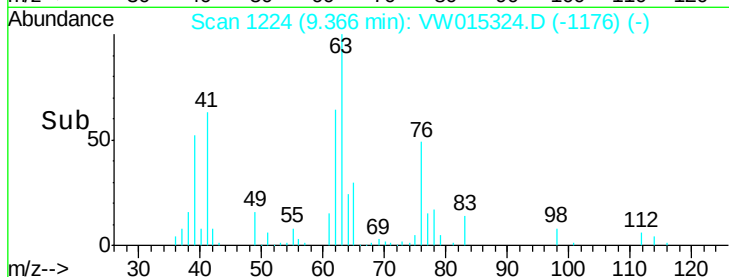
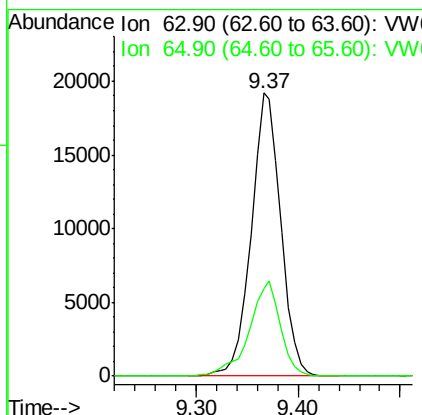
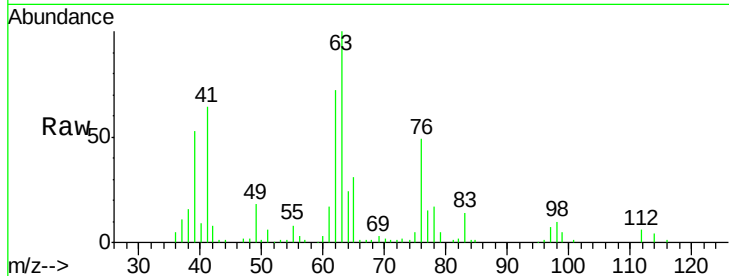
#45
 1,2-Dichloropropane
 Concen: 20.072 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0423SBSD01

Tot Ion: 63 Resp: 38686
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.5 38.3

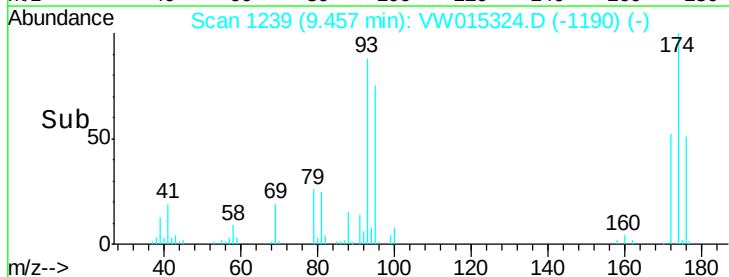
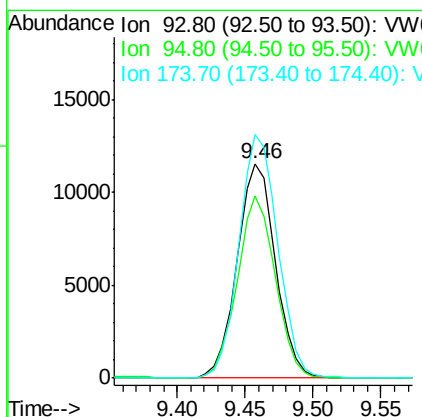
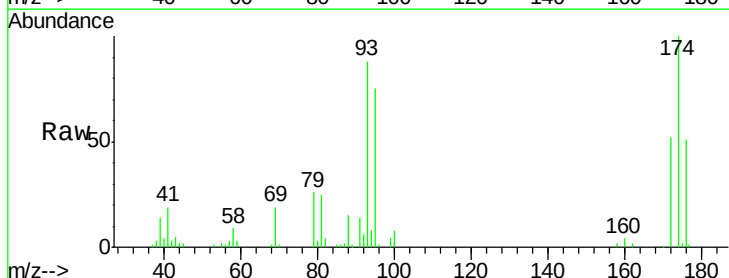
Manual Integrations
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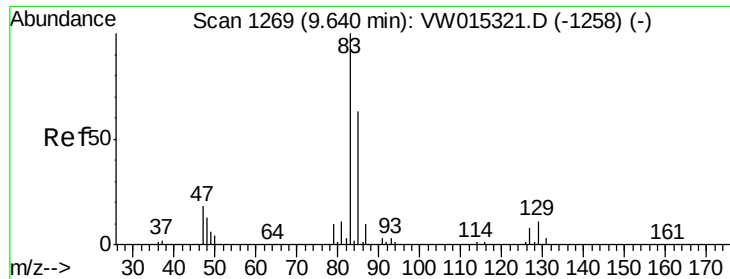
MMDadoda
 4/24/2020 1:32:47 PM



#46
 Dibromomethane
 Concen: 20.333 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion: 93 Resp: 22669
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.5 101.3
 174 115.2 74.1 111.1#





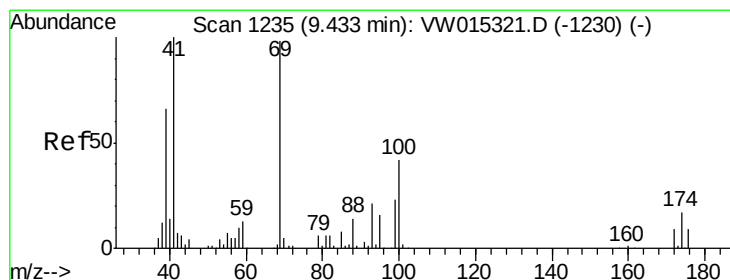
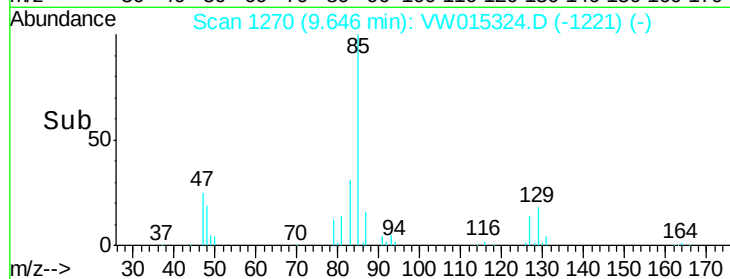
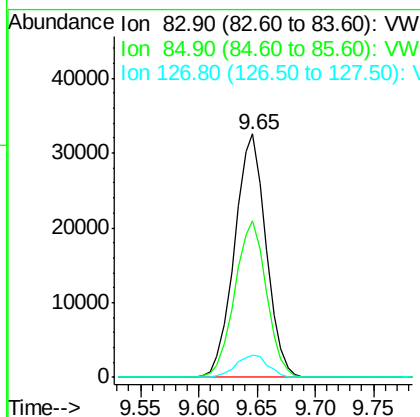
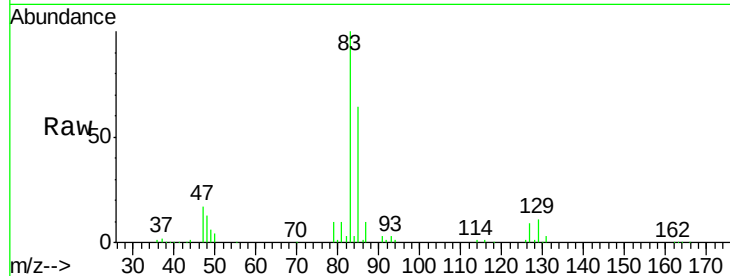
#47
Bromodichloromethane
Concen: 20.540 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	61218		
85	64.3	50.6	76.0	
127	9.0	6.7	10.1	

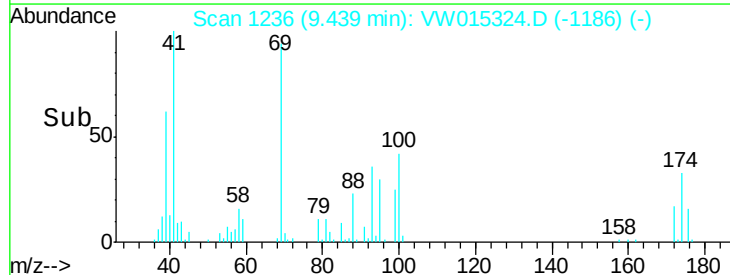
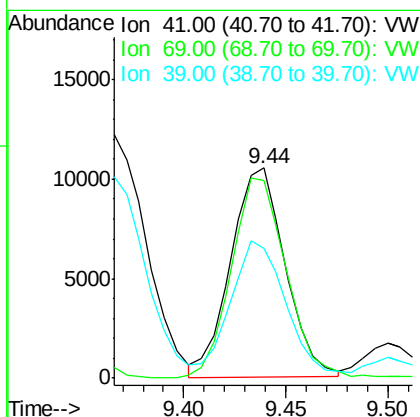
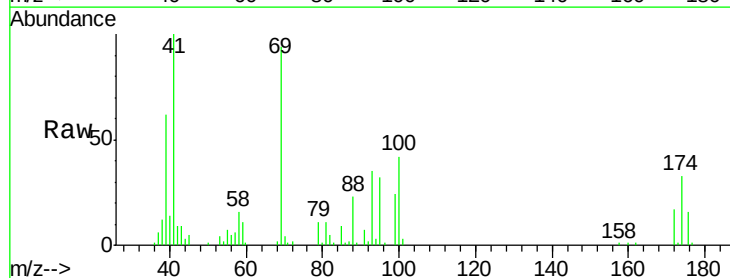
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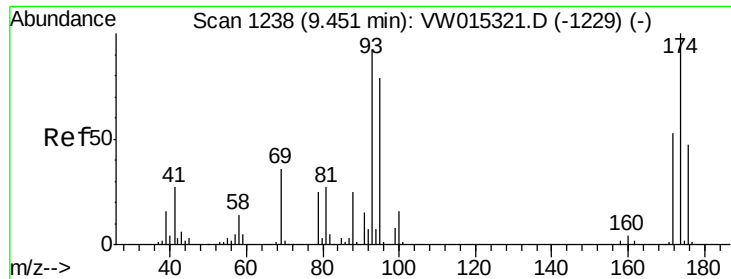
MMDadoda
4/24/2020 1:32:47 PM



#48
Methyl methacrylate
Concen: 19.562 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	19530		
69	97.2	70.6	105.8	
39	61.4	42.6	64.0	





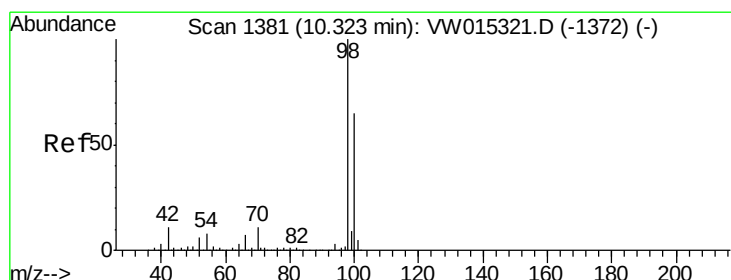
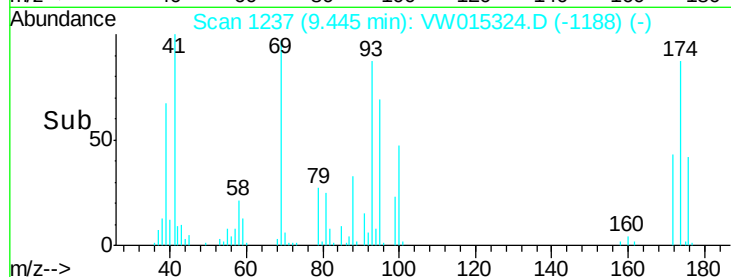
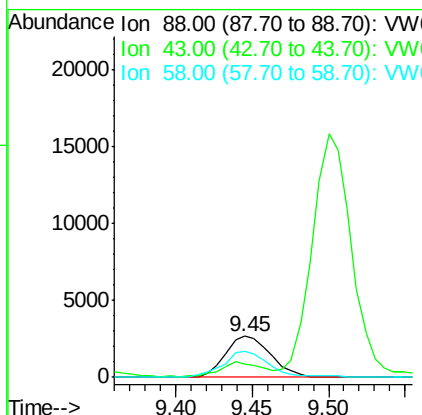
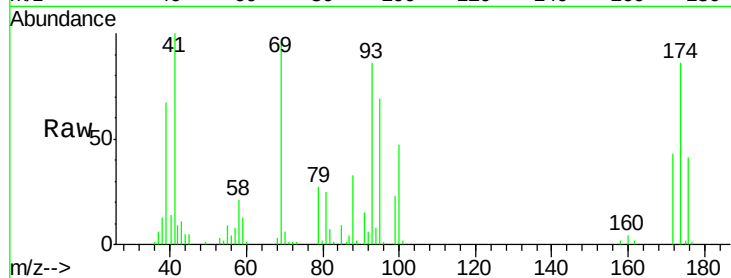
#49
1,4-Dioxane
Concen: 367.760 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBSD01

Tot Ion	88	Resp	5466
Ion	Ratio	Lower	Upper
88	100		
43	31.1	23.5	35.3
58	66.5	55.4	83.2

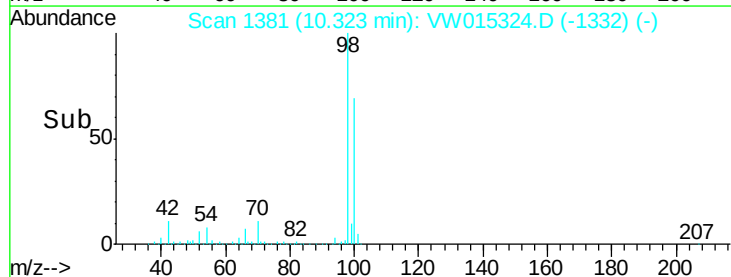
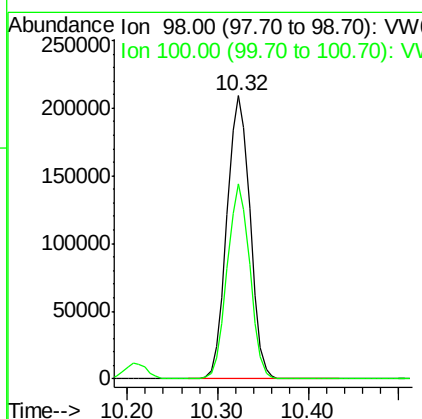
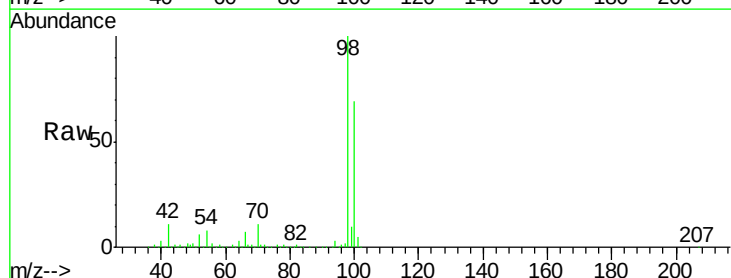
Manual Integrations
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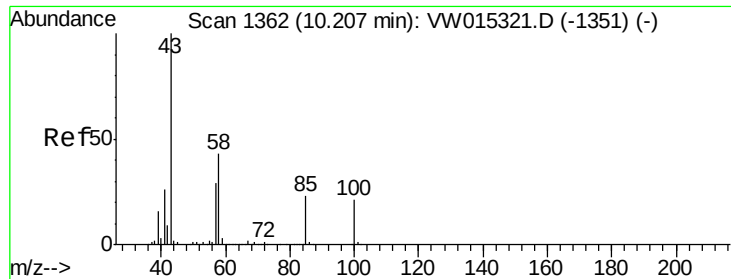
MMDadoda
4/24/2020 1:32:47 PM



#50
Toluene-d8
Concen: 46.358 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	98	Resp	371334
Ion	Ratio	Lower	Upper
98	100		
100	67.5	52.9	79.3





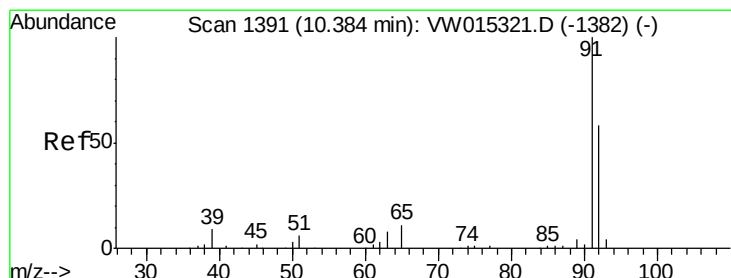
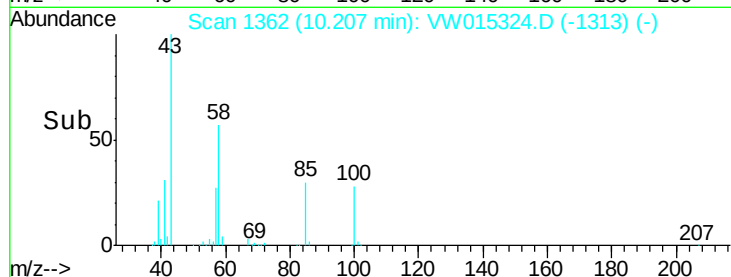
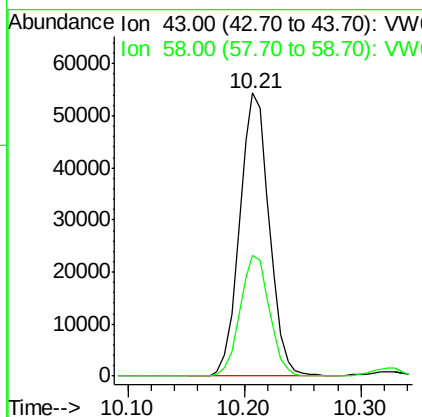
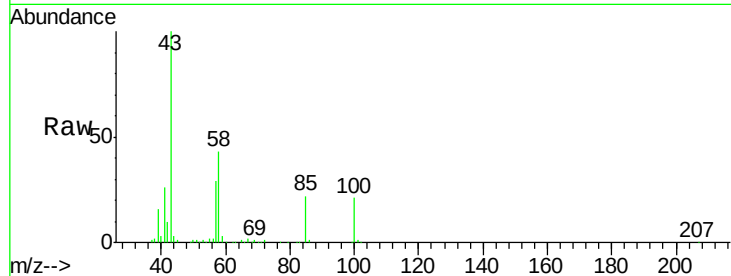
#51
 4-Methyl-2-Pentanone
 Concen: 96.544 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0423SBS01

Tot Ion	43	Resp	95711
Ion Ratio	100	Lower	Upper
58	42.7	32.3	48.5

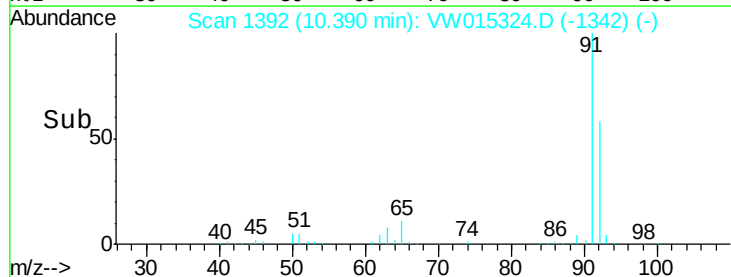
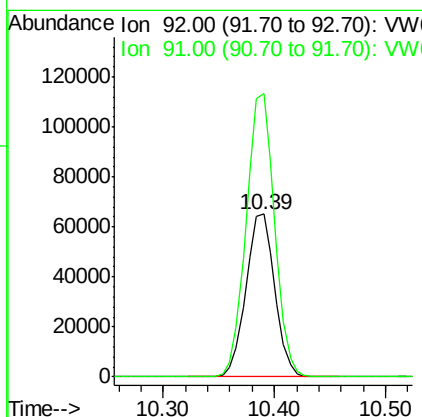
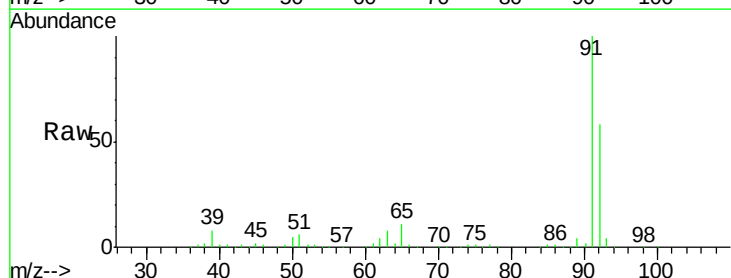
Manual Integrations
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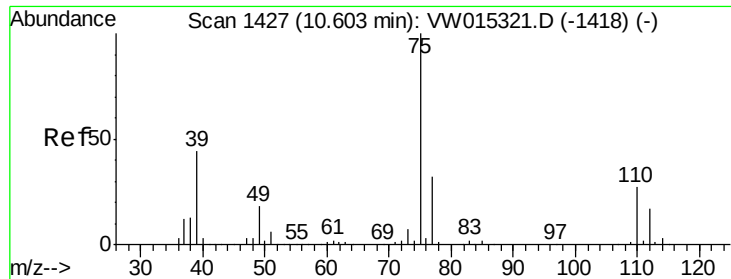
MMDadoda
 4/24/2020 1:32:47 PM



#52
 Toluene
 Concen: 20.180 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion	92	Resp	117050
Ion Ratio	100	Lower	Upper
91	172.1	137.1	205.7





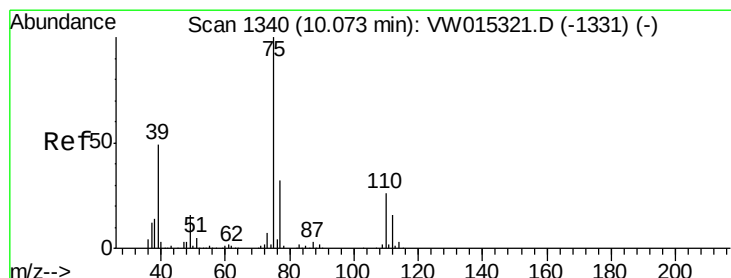
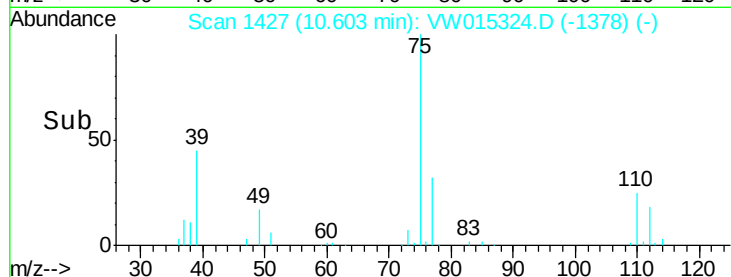
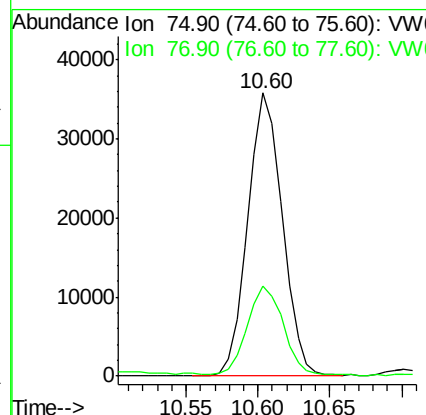
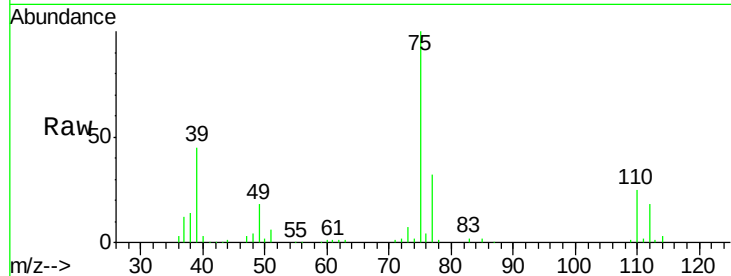
#53
 t-1,3-Dichloropropene
 Concen: 20.248 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0423SBS01

Tot Ion	75	77	Ratio	Lower	Upper
59506	100	31.2		25.5	38.3

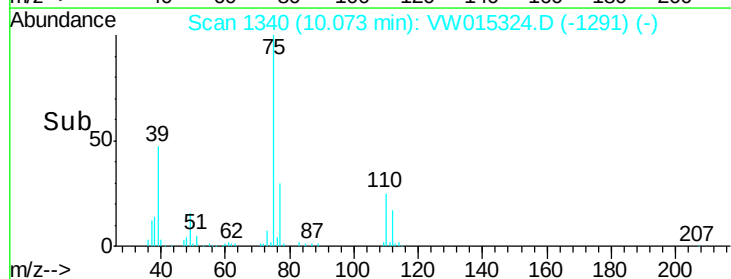
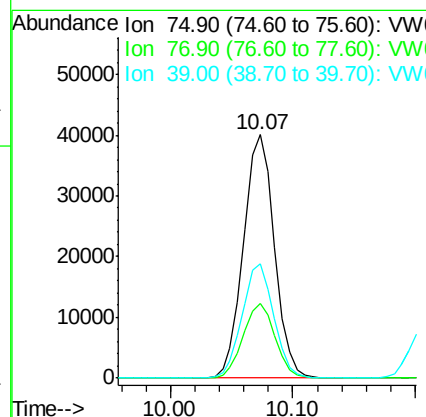
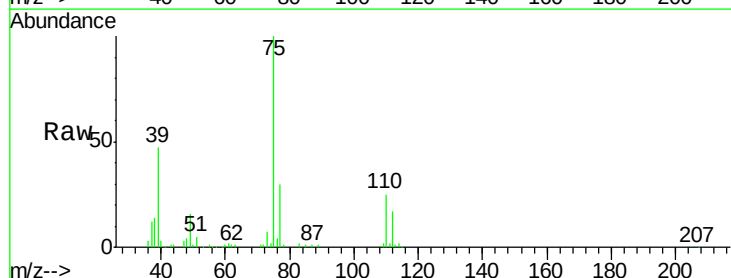
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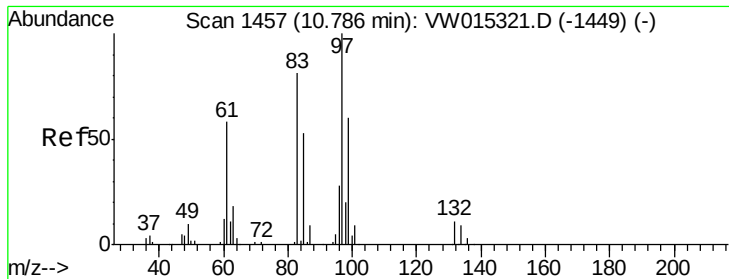
MMDadoda
 4/24/2020 1:32:47 PM



#54
 cis-1,3-Dichloropropene
 Concen: 20.644 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion	75	77	39	Ratio	Lower	Upper
70516	100	30.5	47.0		26.6	39.8
					37.8	56.6





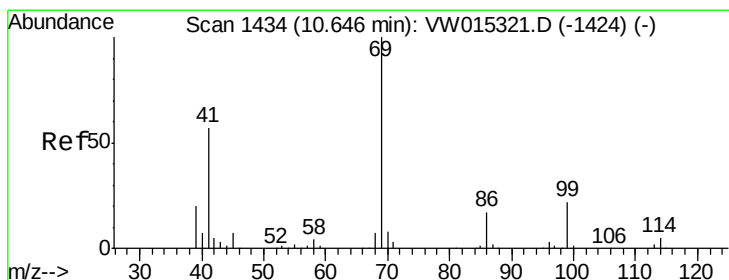
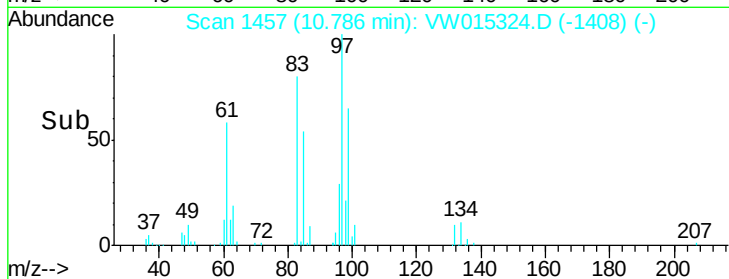
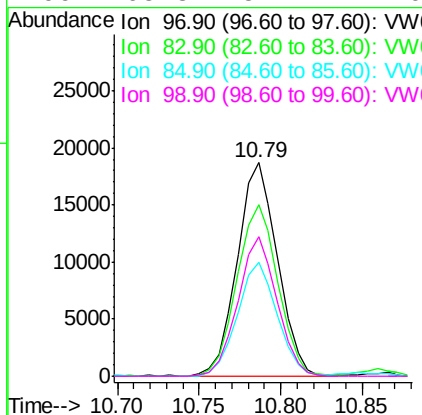
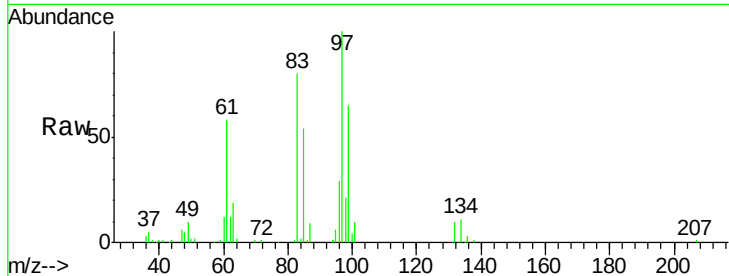
#55
 1,1,2-Trichloroethane
 Concen: 20.510 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0423SBSD01

Tot Ion:	97	Resp:	32020
Ion	Ratio	Lower	Upper
97	100		
83	80.0	67.3	100.9
85	53.6	43.8	65.8
99	65.3	51.4	77.0

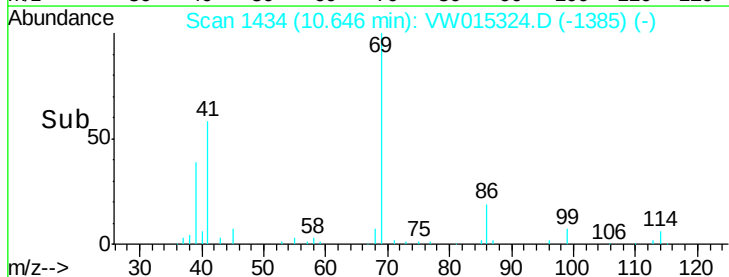
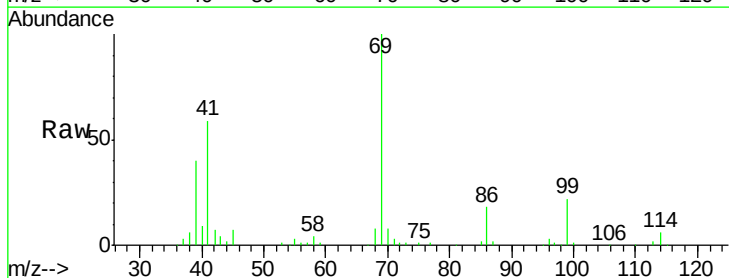
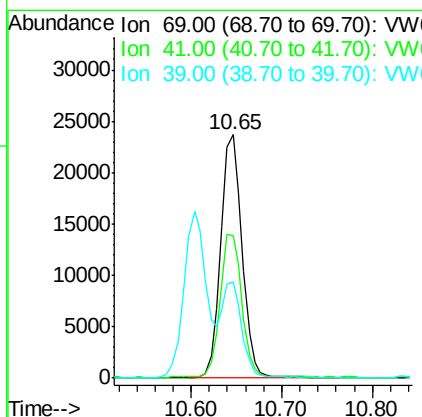
Manual Integrations
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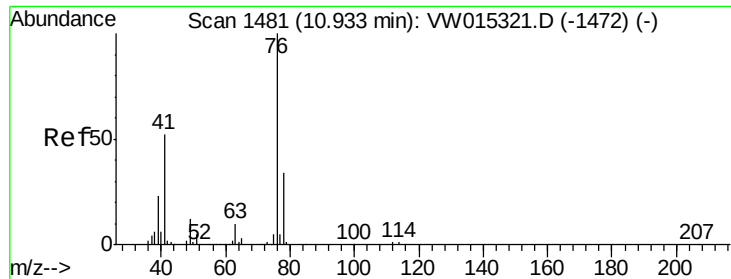
MMDadoda
 4/24/2020 1:32:47 PM



#56
 Ethyl methacrylate
 Concen: 19.451 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion:	69	Resp:	39120
Ion	Ratio	Lower	Upper
69	100		
41	59.8	51.3	76.9
39	35.4	24.6	37.0





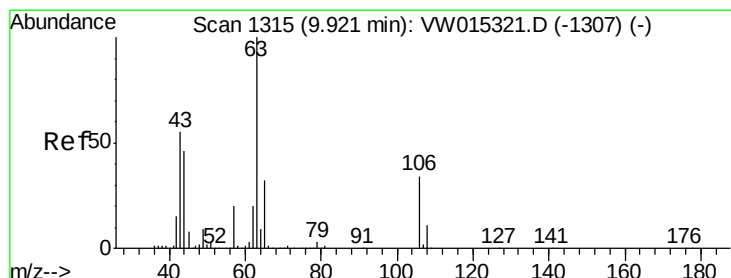
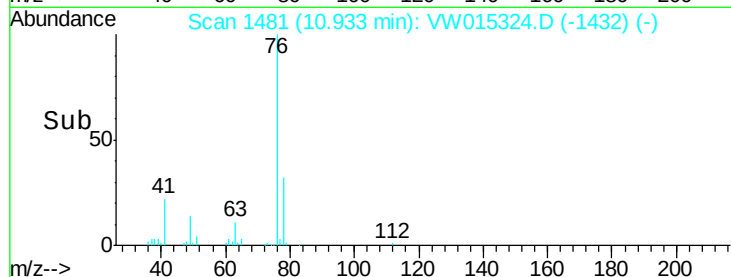
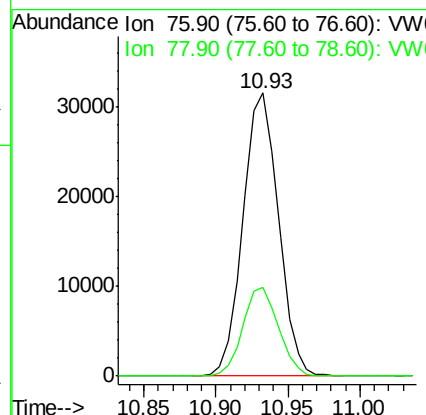
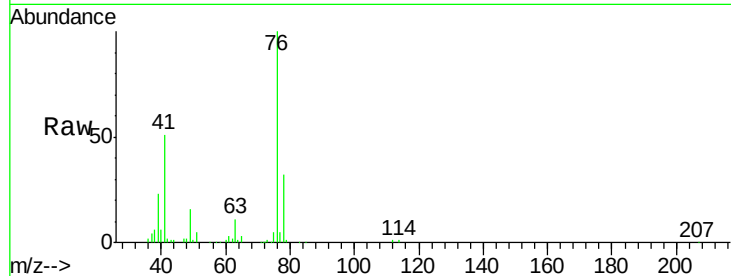
#57
 1,3-Dichloropropane
 Concen: 20.888 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0423SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.5	26.2	39.4

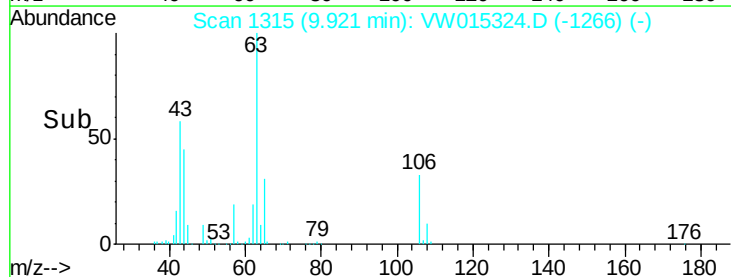
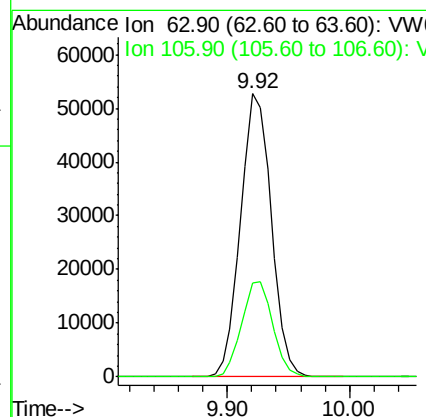
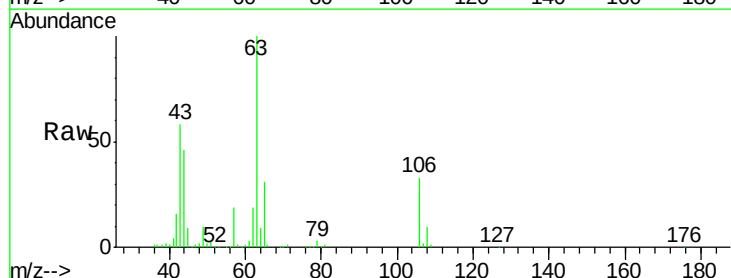
Manual Integrations
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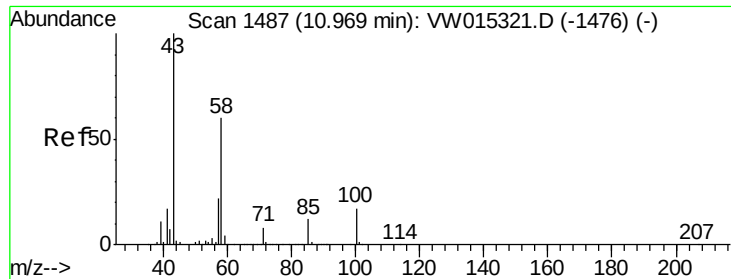
MMDadoda
 4/24/2020 1:32:47 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.752 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
63	100		
106	34.0	22.6	33.8#





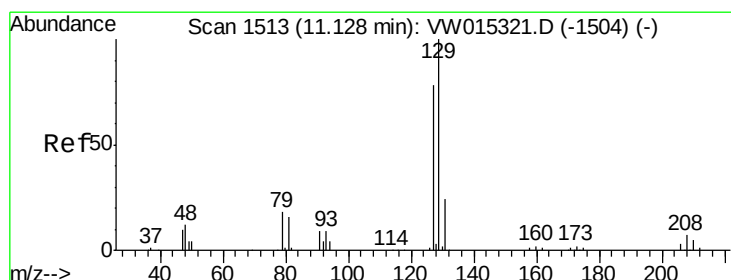
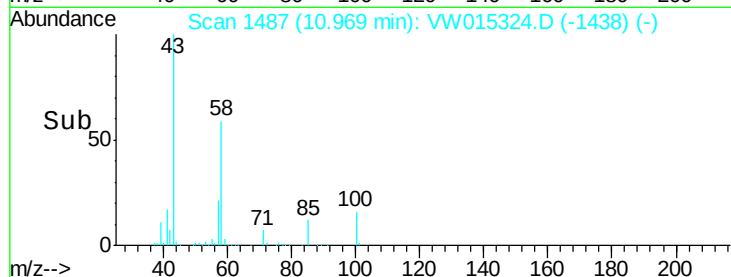
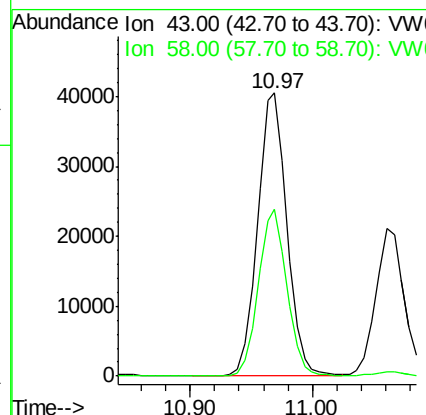
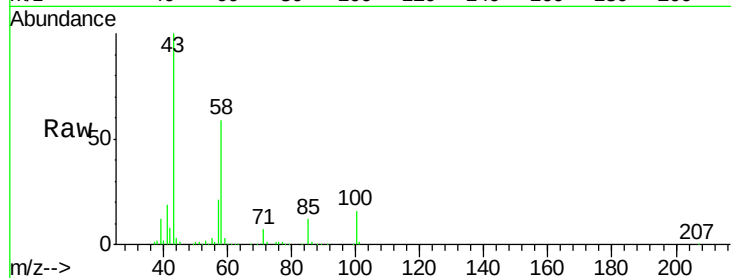
#59
2-Hexanone
Concen: 95.549 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBSD01

Tot Ion: 43 Resp: 67618
Ion Ratio Lower Upper
43 100
58 57.5 28.1 84.3

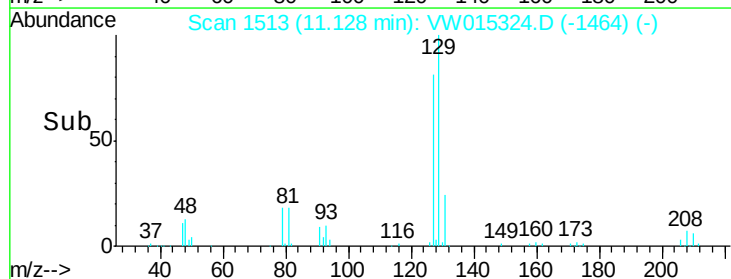
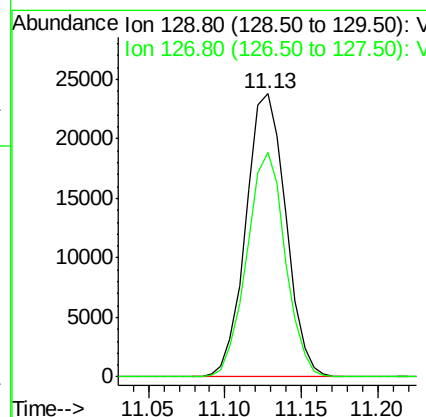
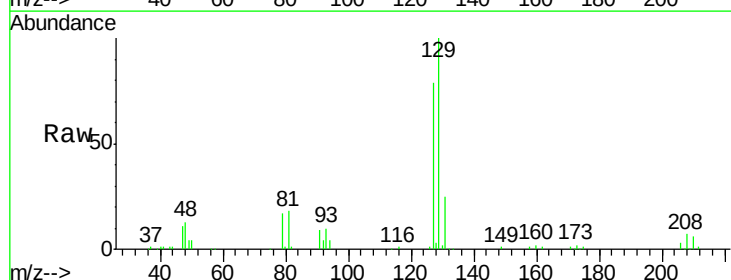
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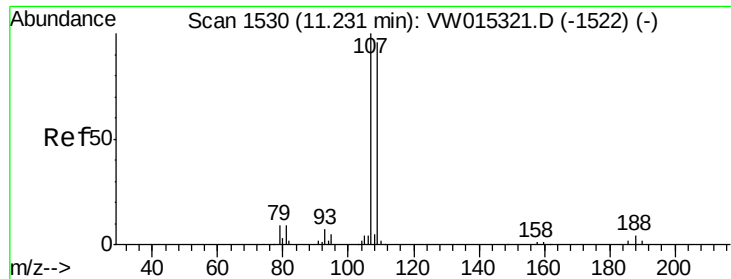
MMDadoda
4/24/2020 1:32:47 PM



#60
Dibromochloromethane
Concen: 20.940 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion: 129 Resp: 43164
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.8





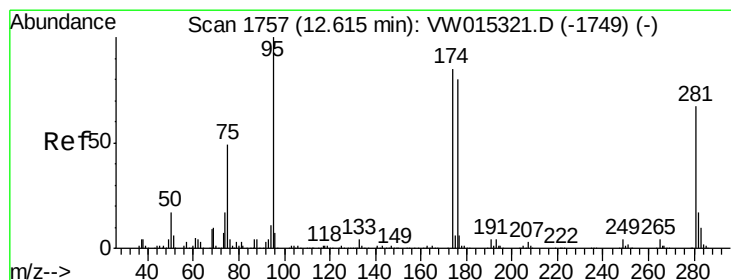
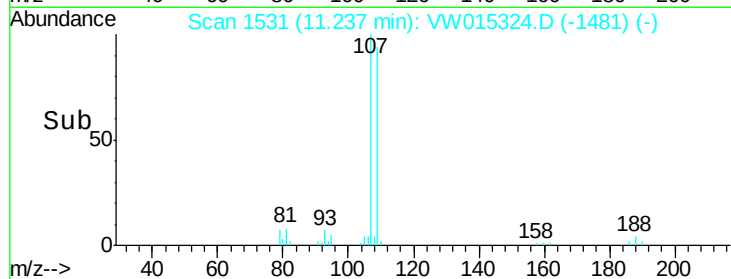
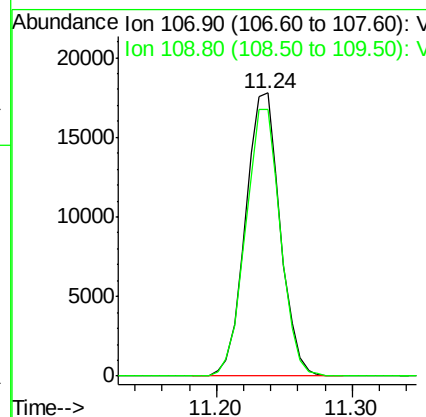
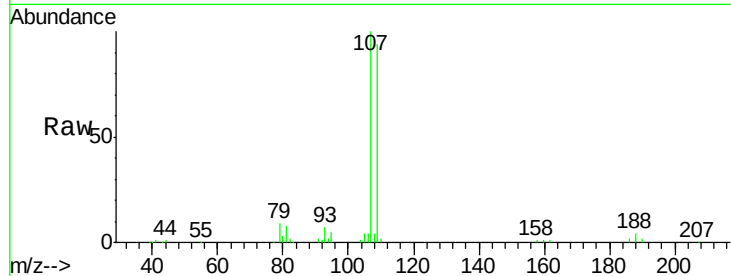
#61
 1,2-Dibromoethane
 Concen: 20.740 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0423SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	74.3	111.5

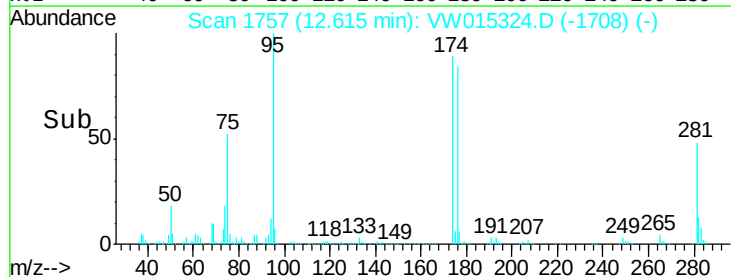
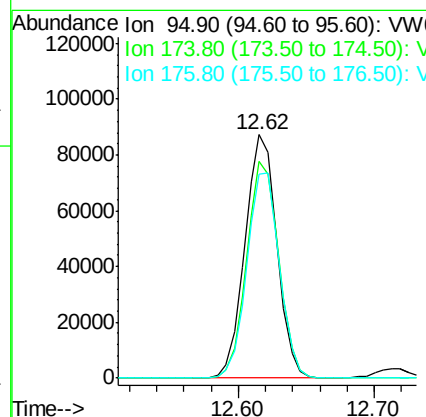
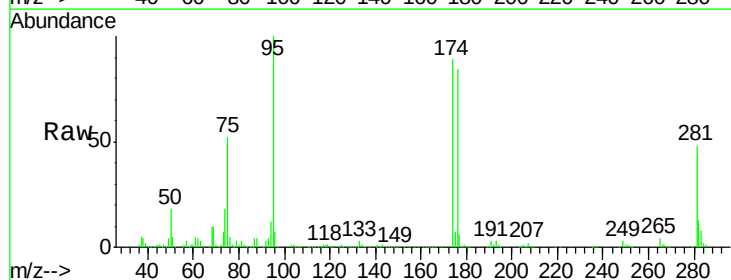
Manual Integrations
 APPROVED

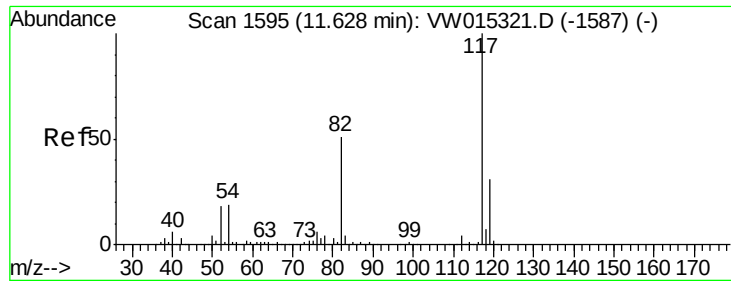
MMDadoda
 4/24/2020 1:32:47 PM



#62
 4-Bromofluorobenzene
 Concen: 46.690 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	144.4
176	86.4	0.0	140.6





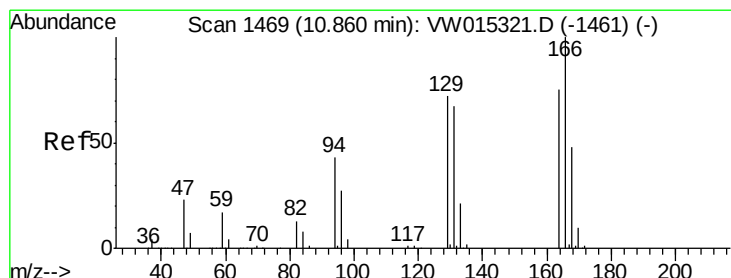
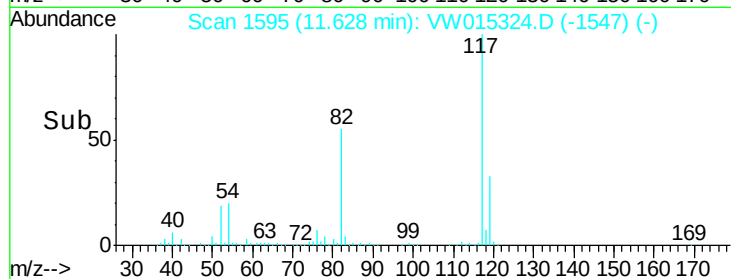
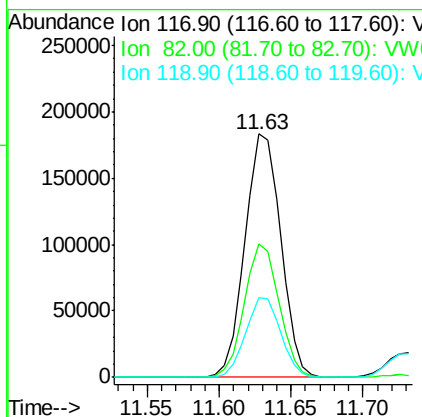
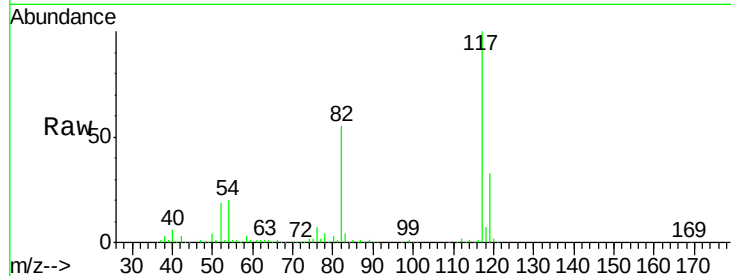
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.1	66.1
119	32.9	24.9	37.3

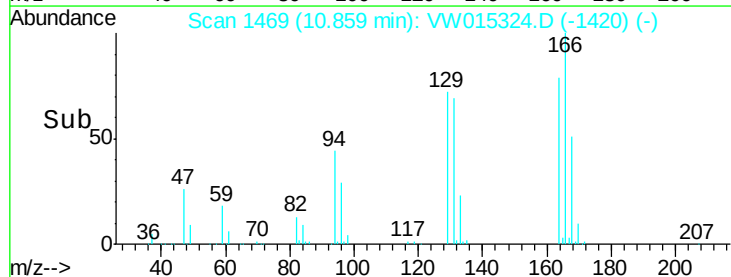
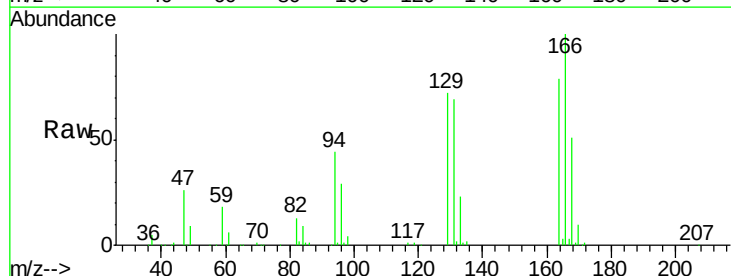
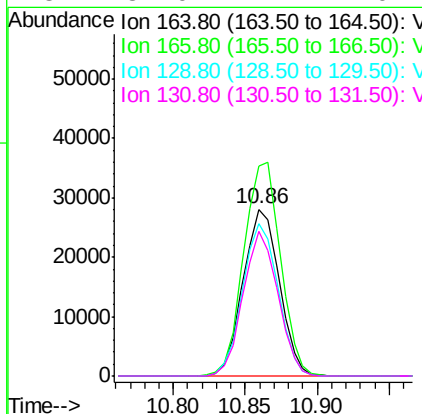
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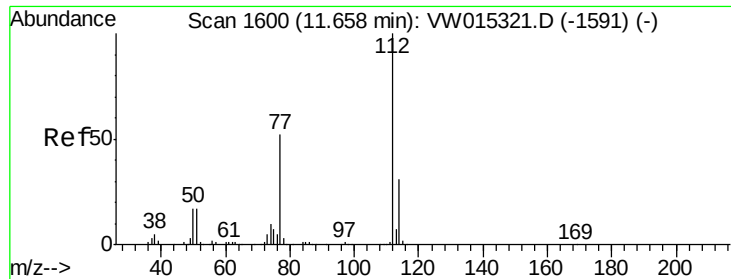
MMDadoda
4/24/2020 1:32:47 PM



#64
Tetrachloroethene
Concen: 21.662 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	102.6	154.0
129	91.3	80.2	120.2
131	87.0	77.4	116.2





#65

Chlorobenzene

Concen: 20.860 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

VW0423SBSD01

Tot Ion:112 Resp: 129344

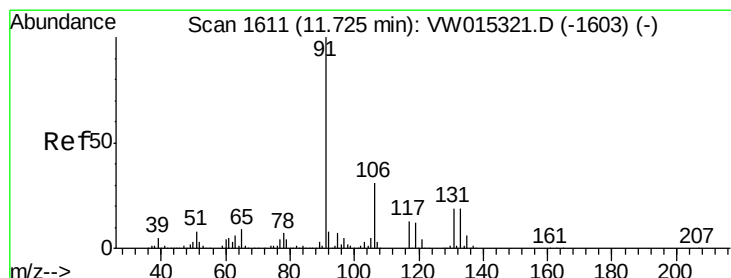
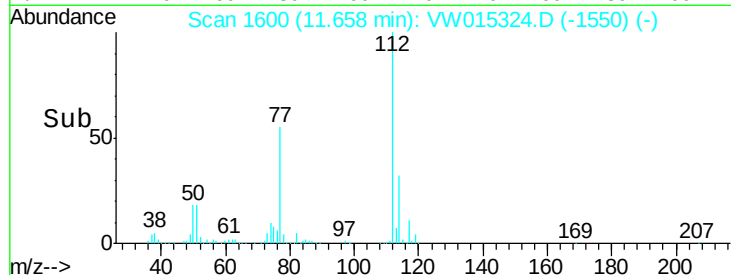
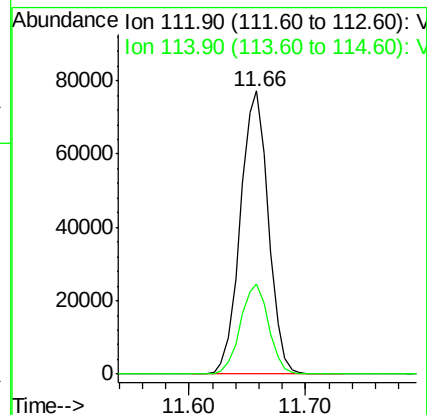
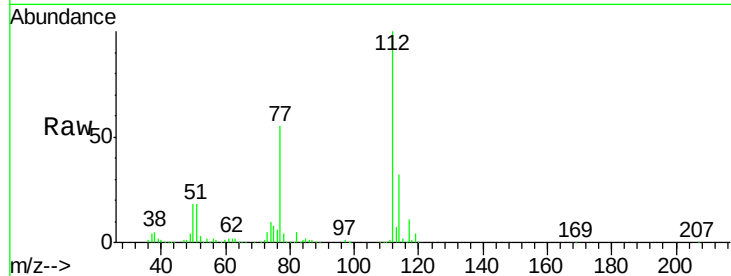
Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 21.591 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

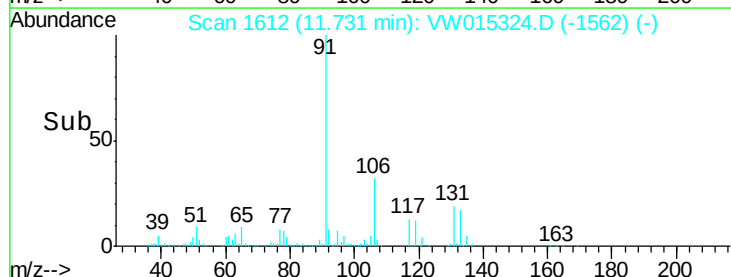
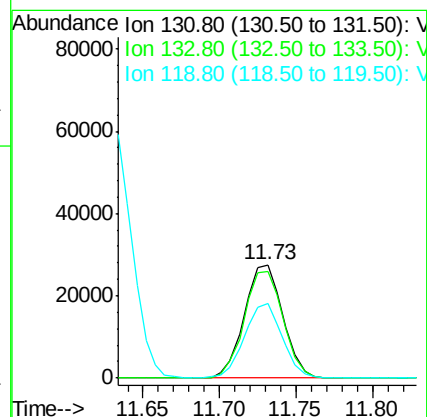
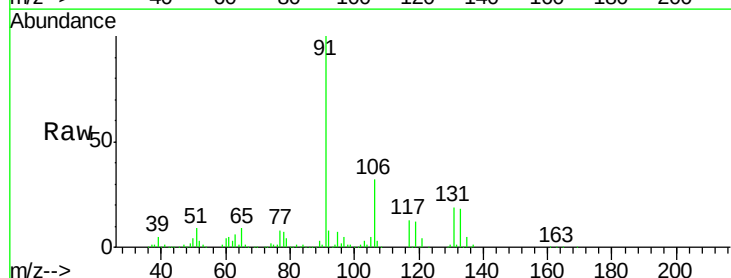
Tgt Ion:131 Resp: 48119

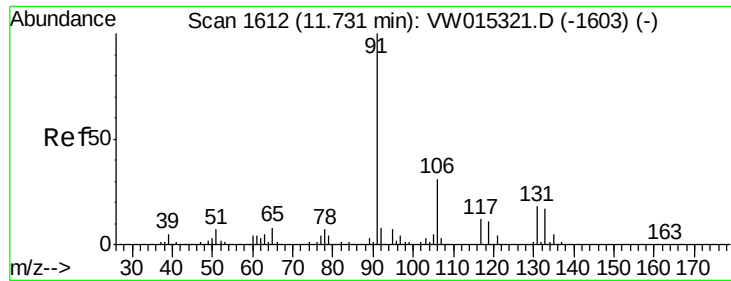
Ion Ratio Lower Upper

131 100

133 95.1 47.7 143.1

119 64.8 34.0 101.8





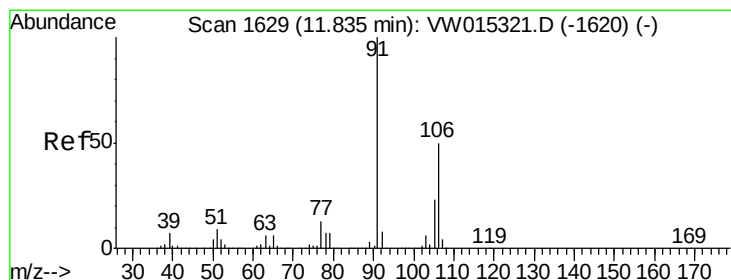
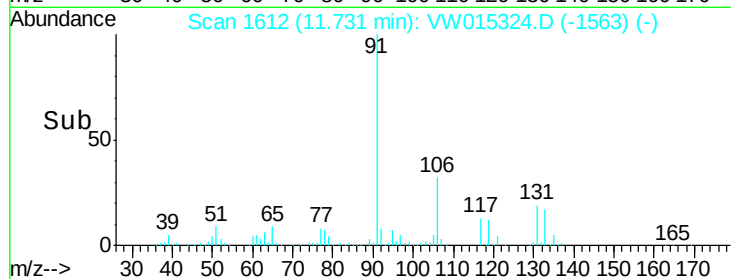
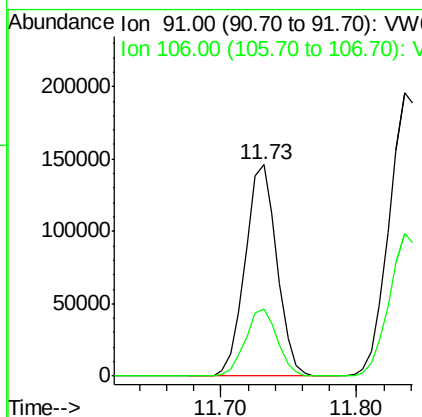
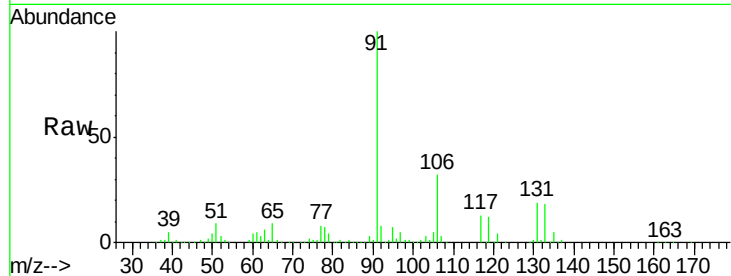
#67
Ethyl Benzene
Concen: 20.610 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBS01

Tot Ion	91	Resp	238318
Ion Ratio	100	Lower	Upper
106	31.7	25.7	38.5

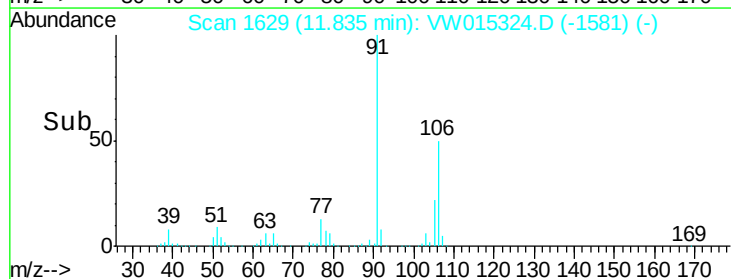
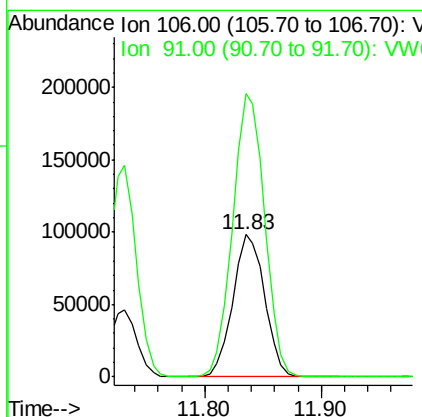
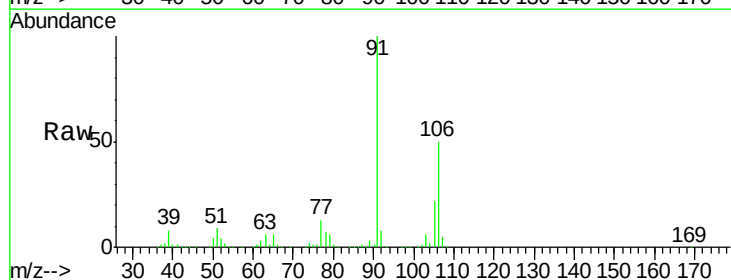
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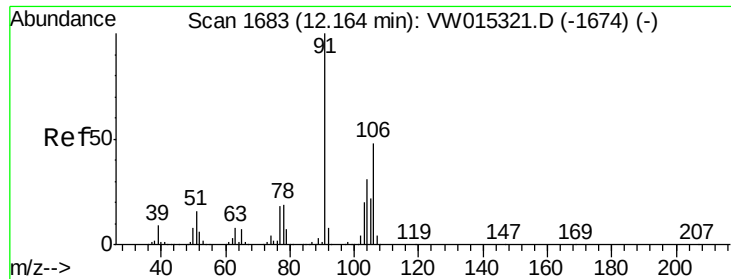
MMDadoda
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#68
m/p-Xylenes
Concen: 41.327 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	106	Resp	187316
Ion Ratio	100	Lower	Upper
91	200.0	160.0	240.0





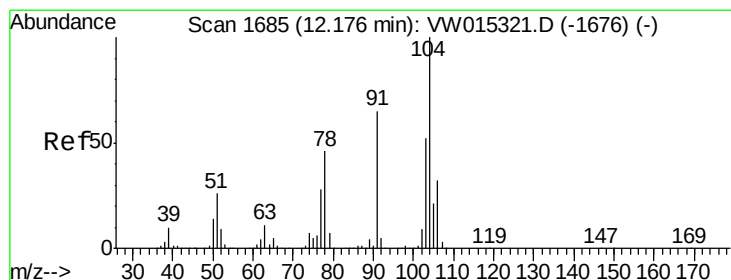
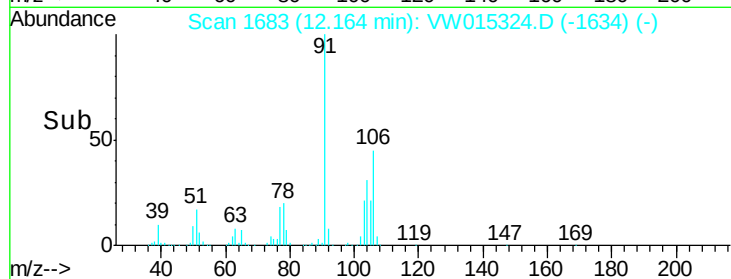
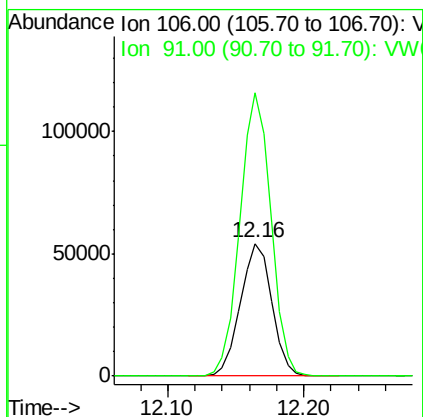
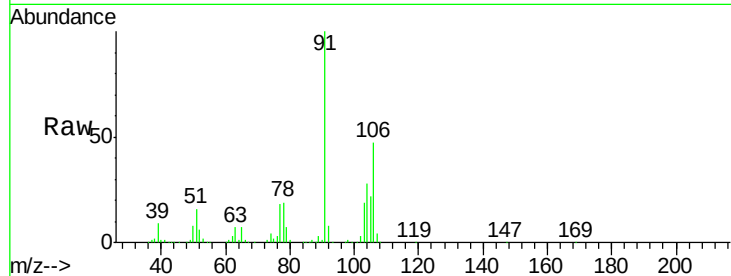
#69
o-Xylene
Concen: 20.712 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	210.9	105.7	317.1	

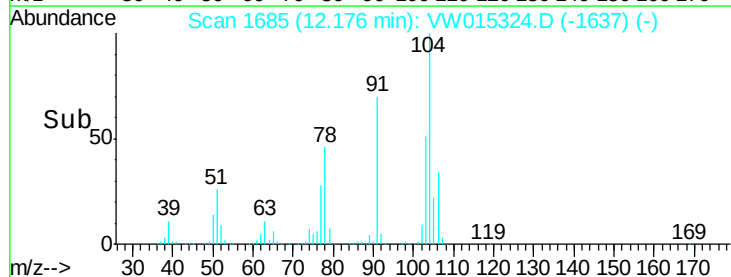
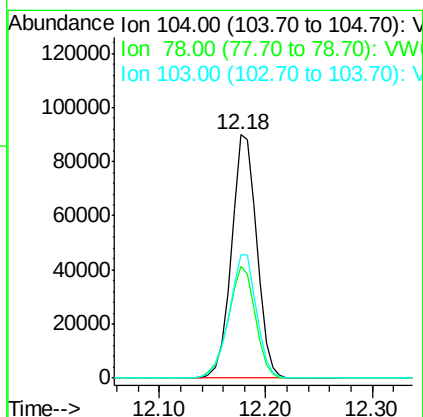
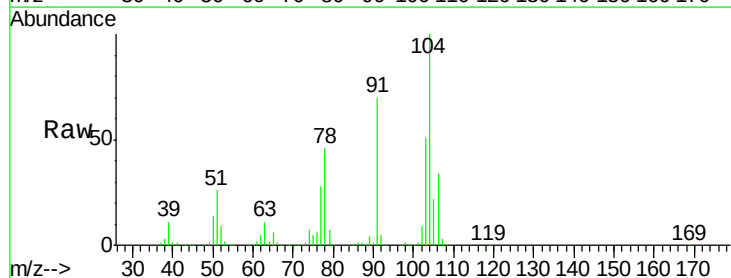
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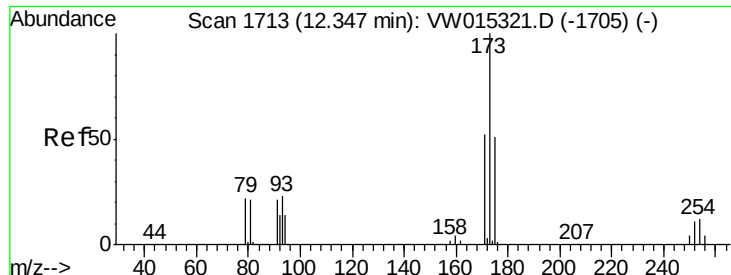
MMDadoda
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#70
Styrene
Concen: 20.752 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	49.1	39.8	59.6	
103	54.6	43.8	65.6	





#71

Bromoform

Concen: 20.338 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

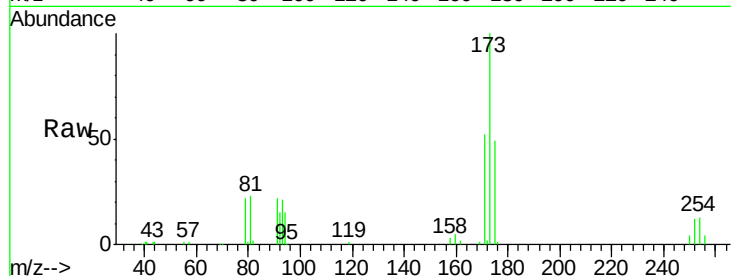
ClientSampleId :

VW0423SBS01

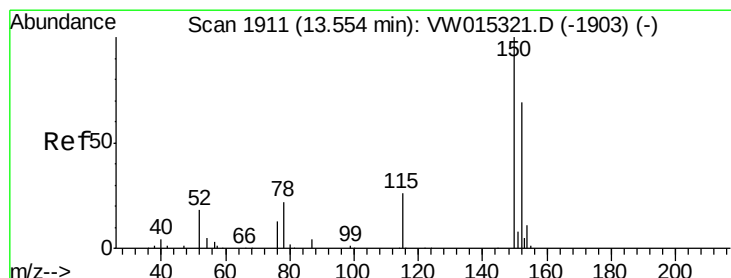
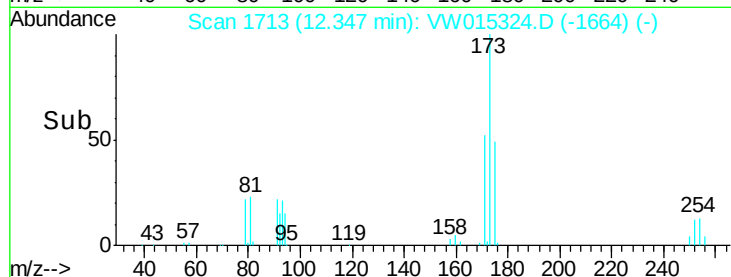
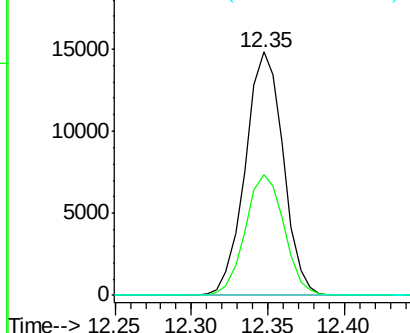
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.5	25.1	75.4
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

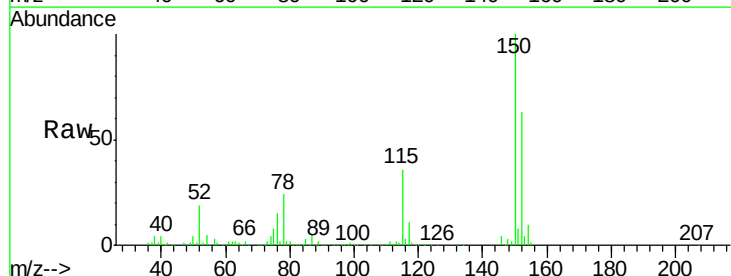
RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

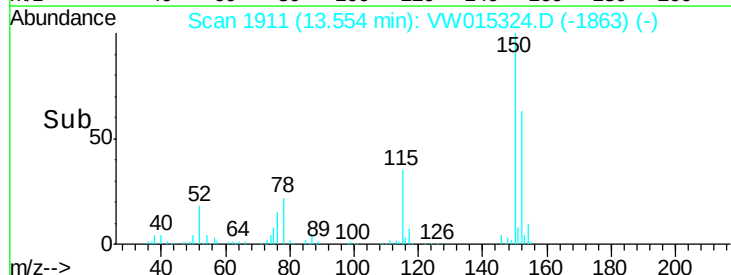
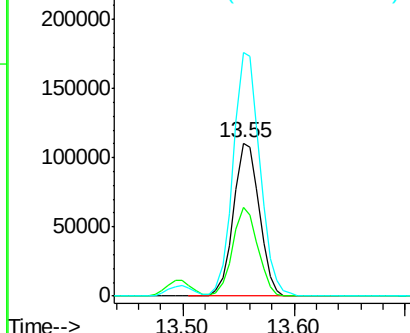
Lab File: VW015324.D

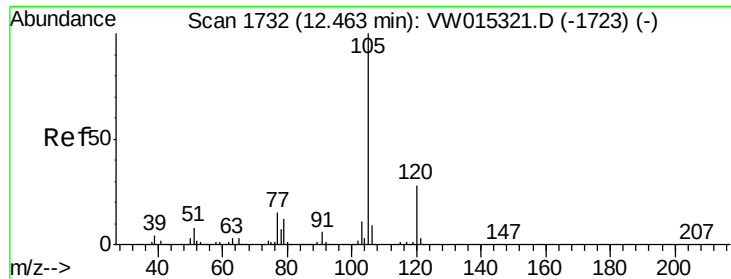
Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	31.3	93.9
150	164.6	0.0	343.4



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





#73

Isopropylbenzene

Concen: 20.211 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

VW0423SBS01

Tot Ion:105 Resp: 247928

Ion Ratio Lower Upper

105 100

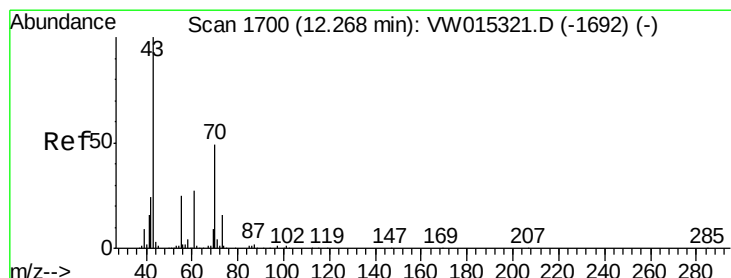
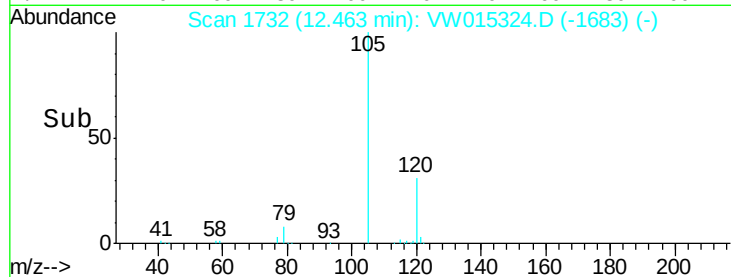
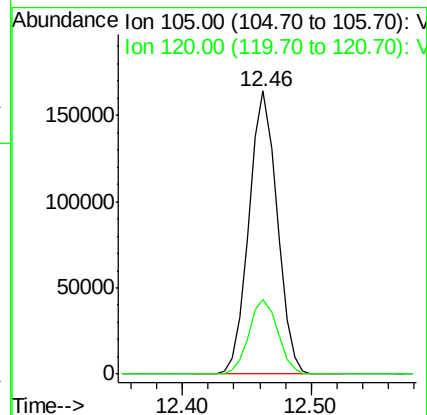
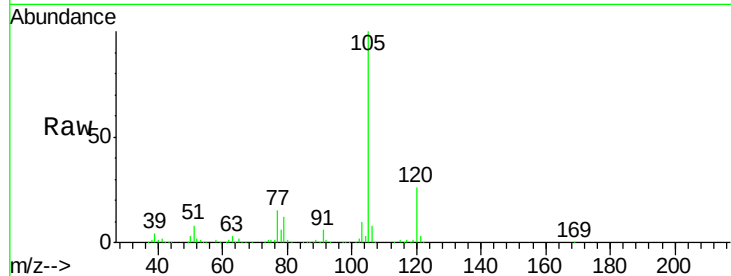
120 26.8 13.7 41.1

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#74

N-ethyl acetate

Concen: 18.872 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Tgt Ion: 43 Resp: 40274

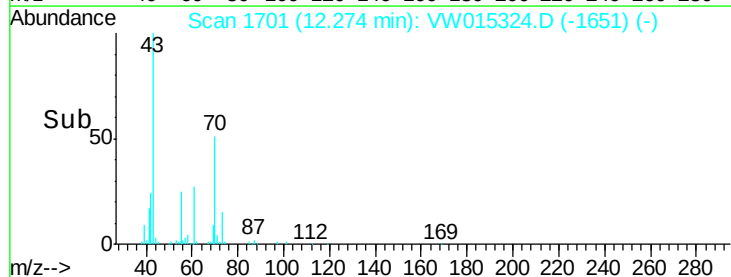
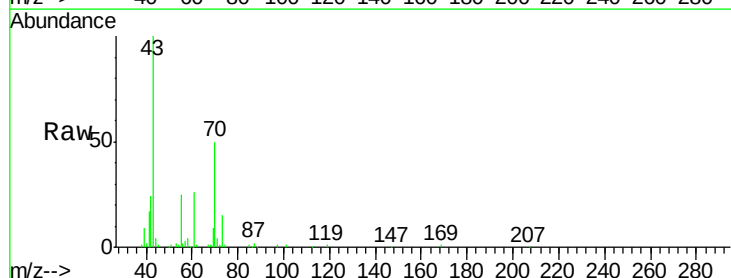
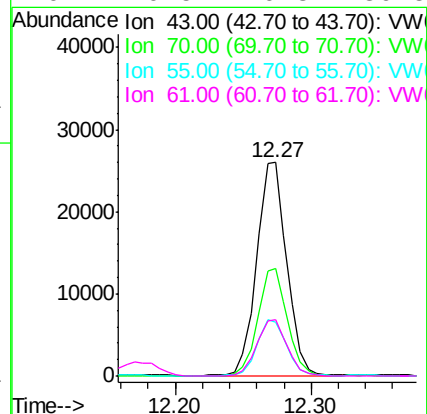
Ion Ratio Lower Upper

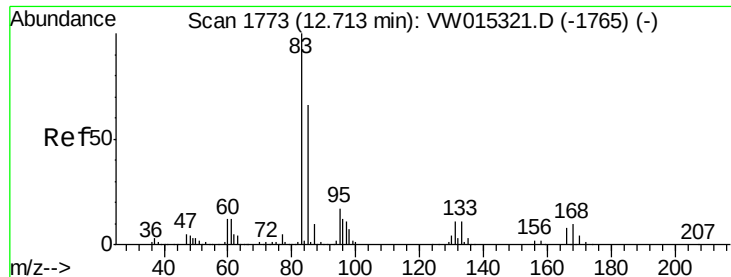
43 100

70 49.5 35.4 53.2

55 26.4 18.5 27.7

61 26.5 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.275 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

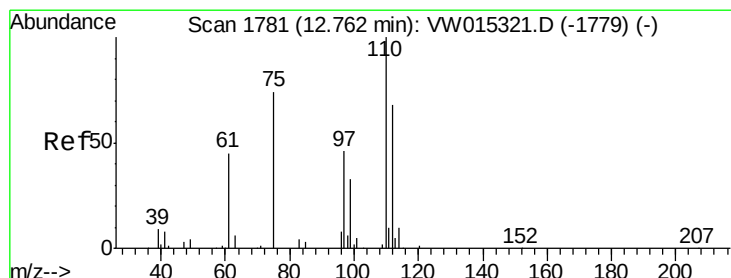
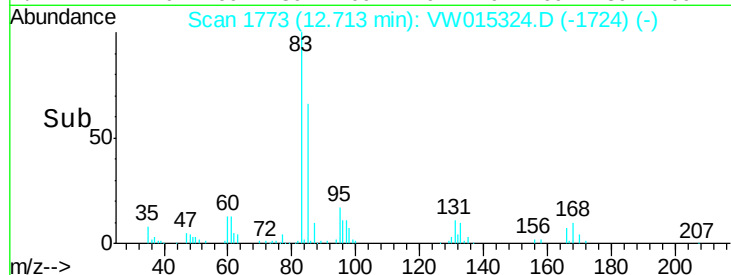
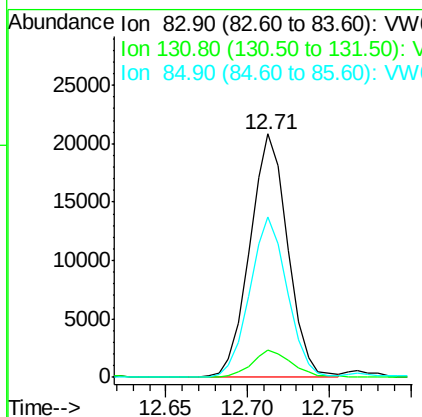
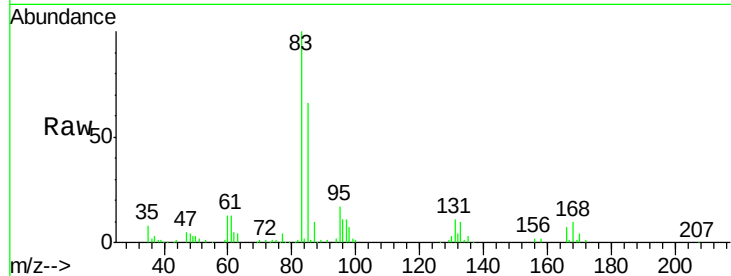
ClientSampleId :

VW0423SBS01

Tot Ion:	83	Resp:	33571
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.1	15.2
85	65.1	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 19.237 ug/l m

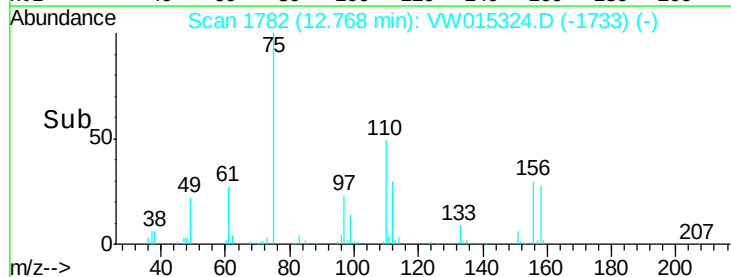
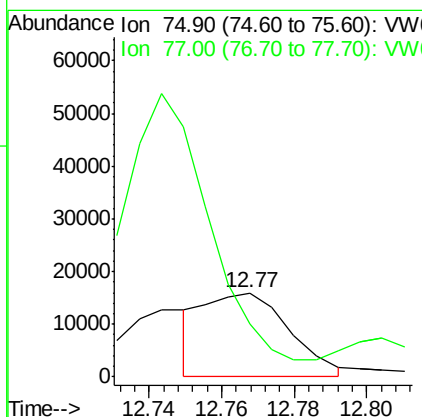
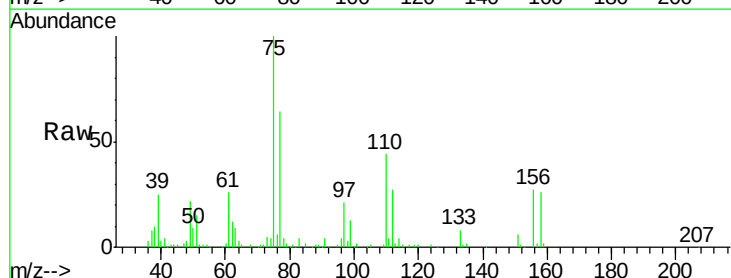
RT: 12.77 min Scan# 1782

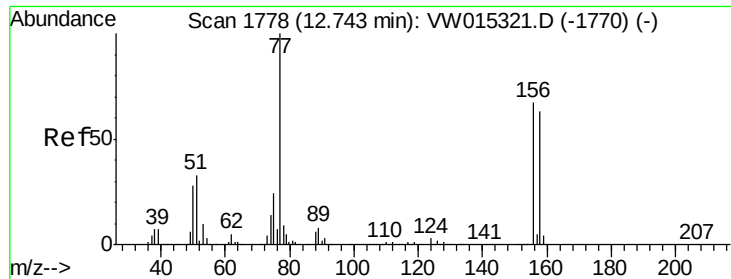
Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Tgt Ion:	75	Resp:	26329
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.666 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

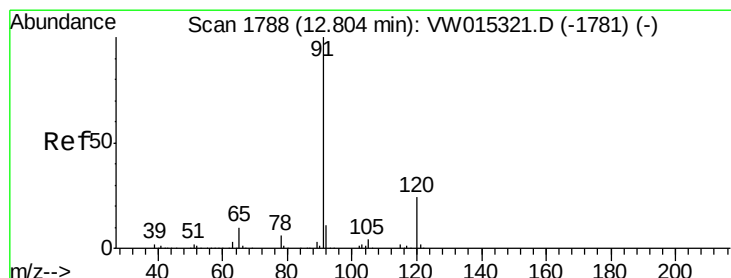
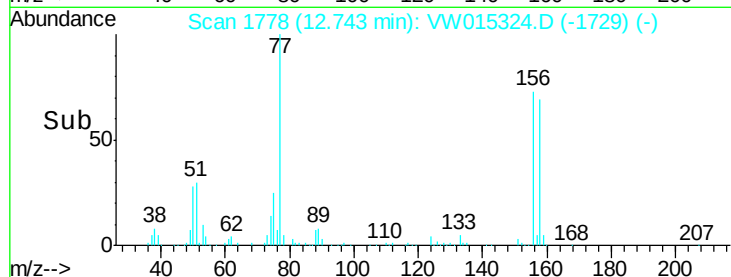
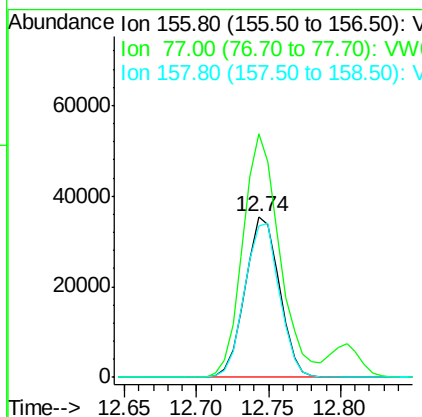
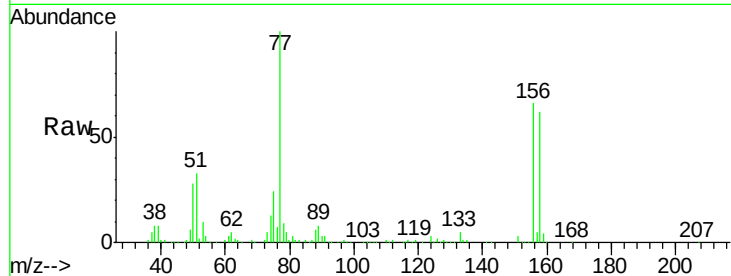
ClientSampleId :

VW0423SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.9	100.5	301.5
158	97.2	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.737 ug/l

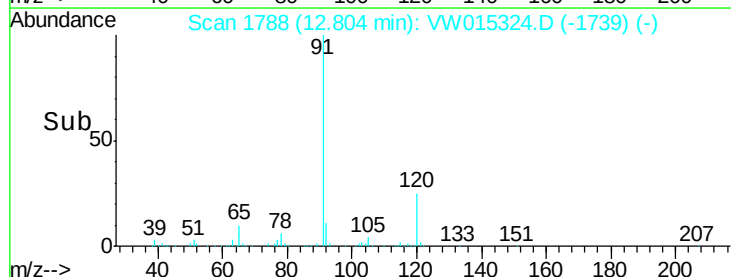
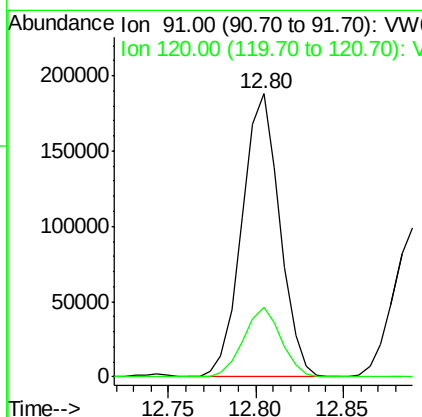
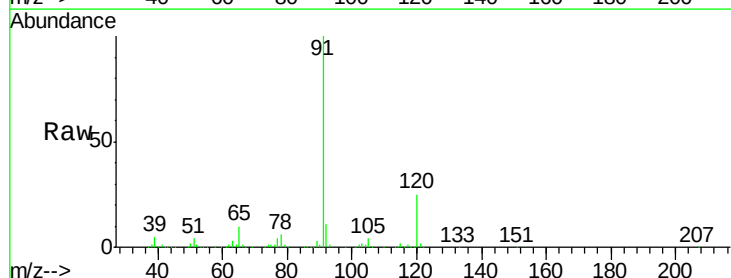
RT: 12.80 min Scan# 1788

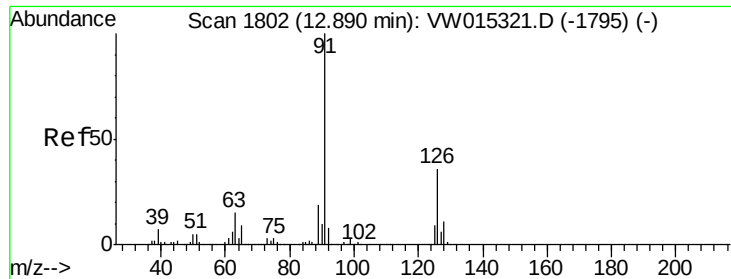
Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	11.4	34.1





#79

2-Chlorotoluene

Concen: 19.996 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

VW0423SBS01

Tot Ion: 91 Resp: 160950

Ion Ratio Lower Upper

91 100

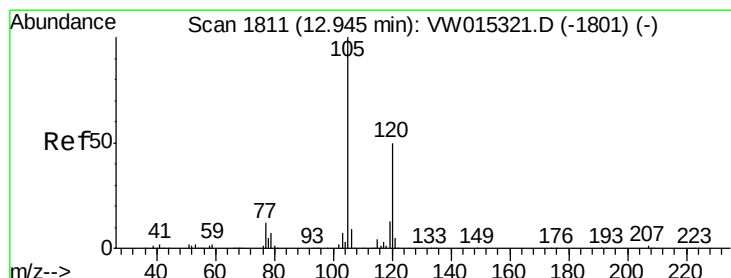
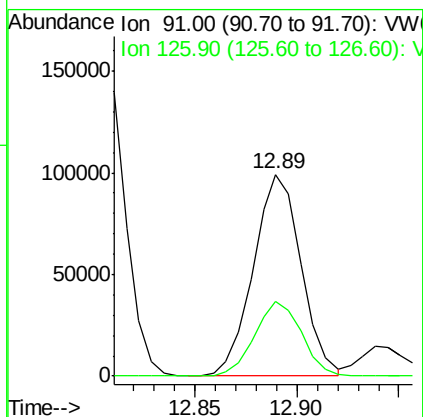
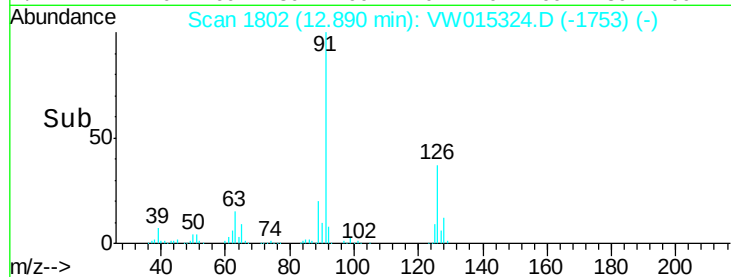
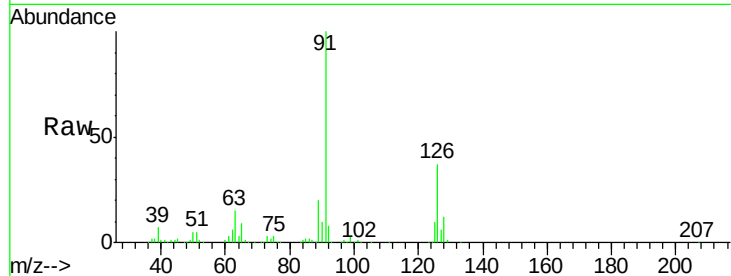
126 36.4 16.8 50.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.332 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW015324.D

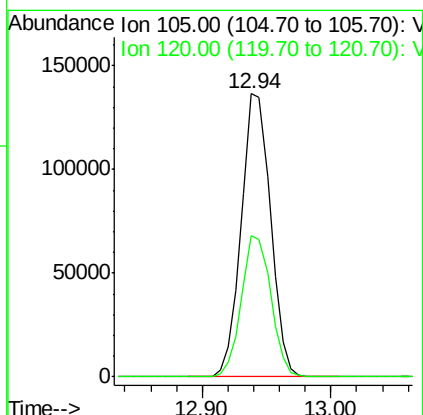
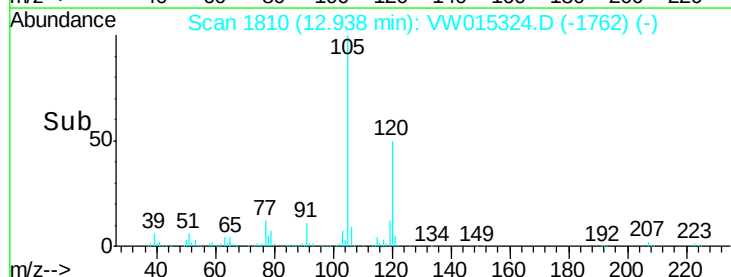
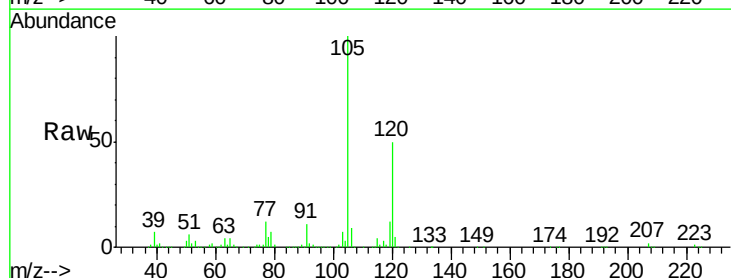
Acq: 23 Apr 2020 11:43

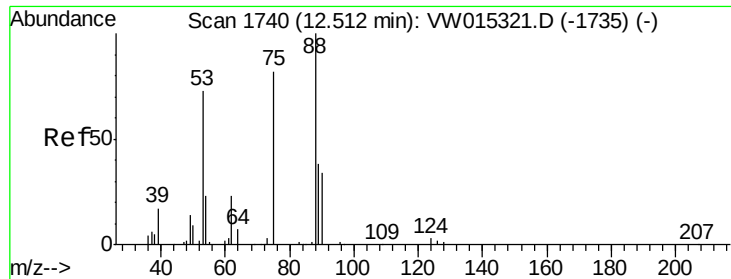
Tgt Ion: 105 Resp: 214844

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.8





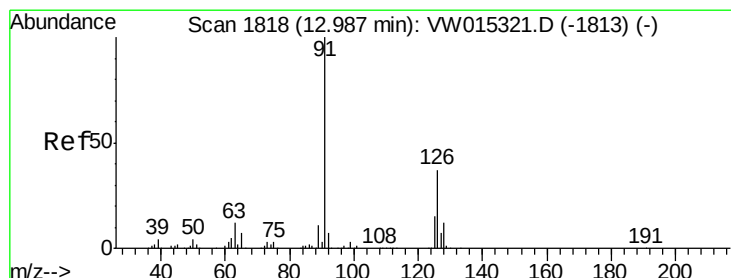
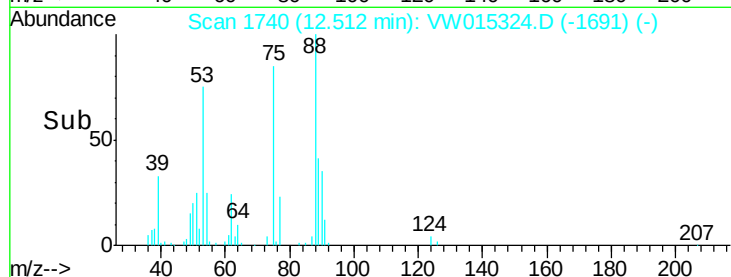
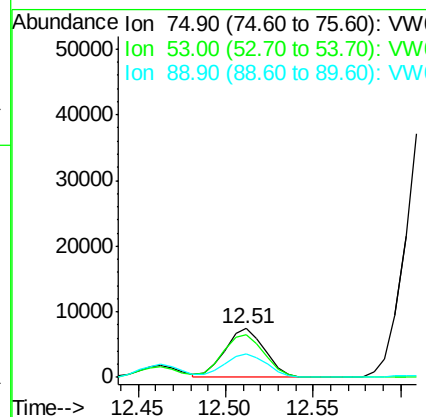
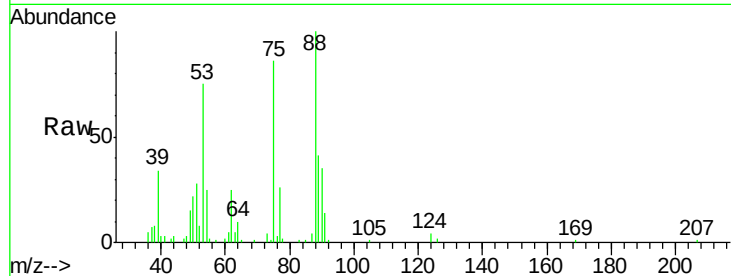
#81
trans-1,4-Dichloro-2-butene
Concen: 19.003 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.1	69.4	104.2
89	48.4	34.8	52.2

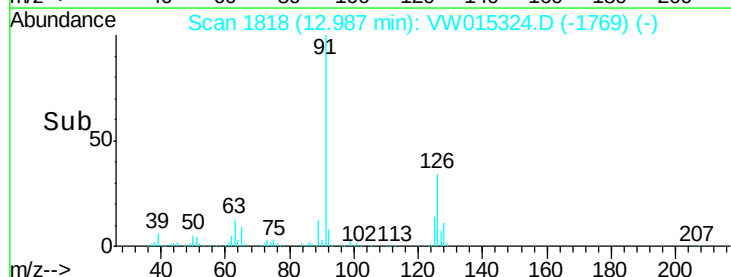
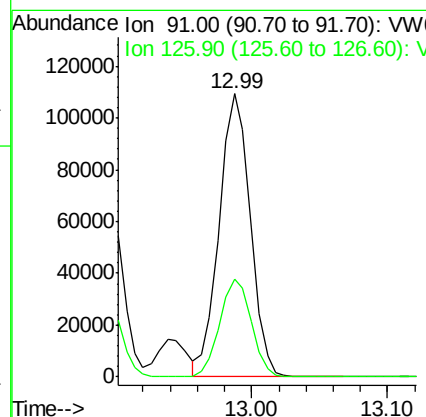
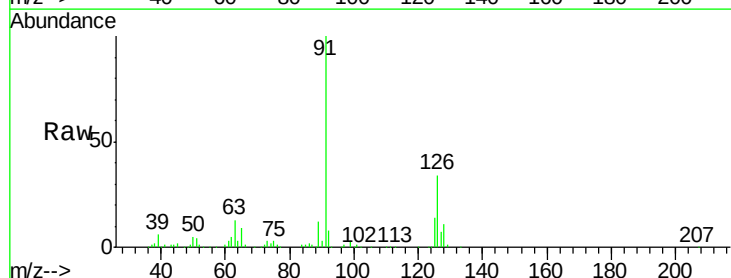
Manual Integrations
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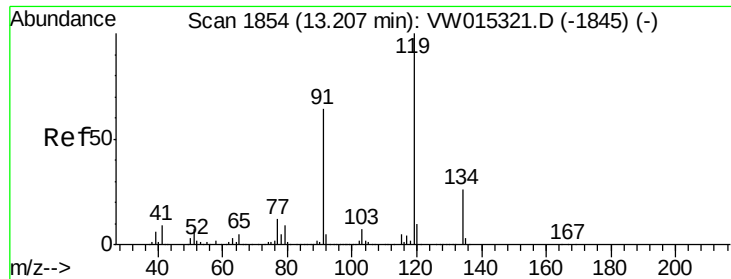
MMDadoda
4/24/2020 1:32:47 PM



#82
4-Chlorotoluene
Concen: 20.253 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	16.8	50.3





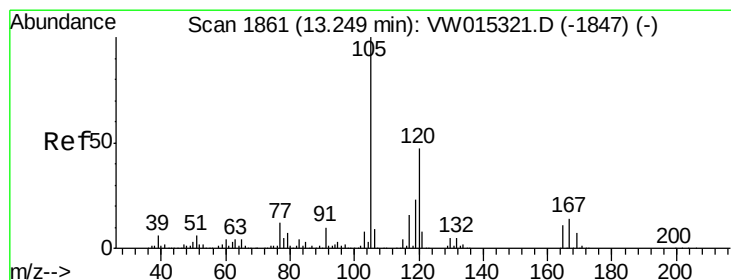
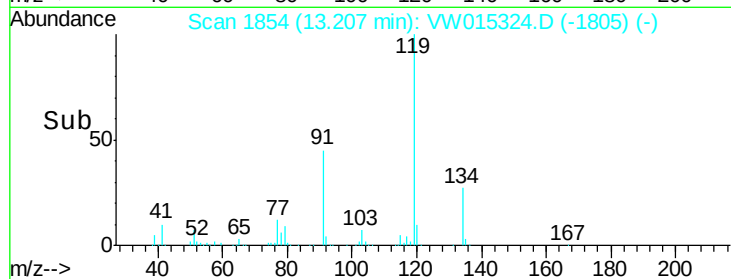
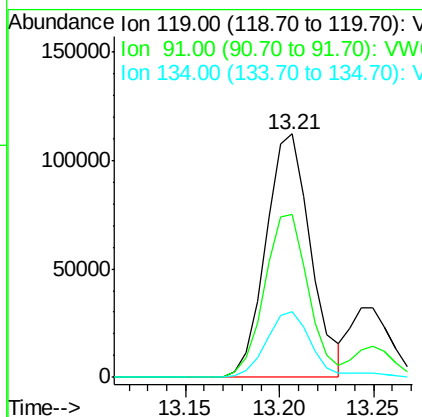
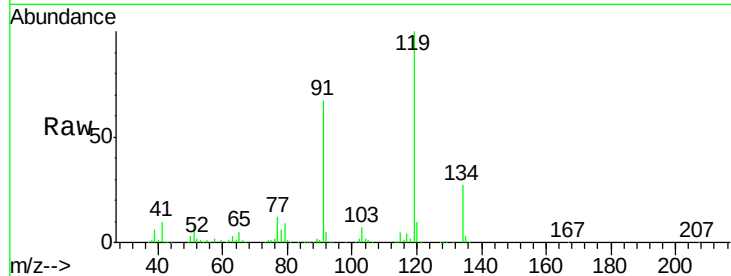
#83
 tert-Butylbenzene
 Concen: 20.042 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0423SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	185105		
91	65.3	32.8	98.3	
134	27.8	13.3	39.9	

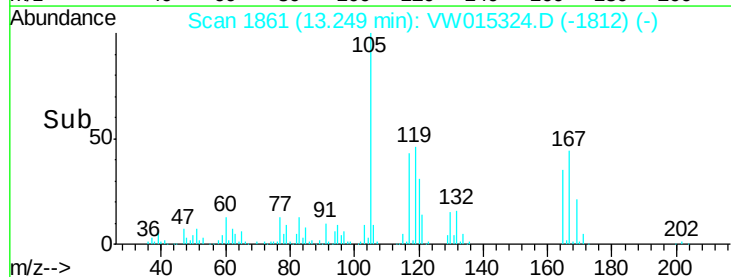
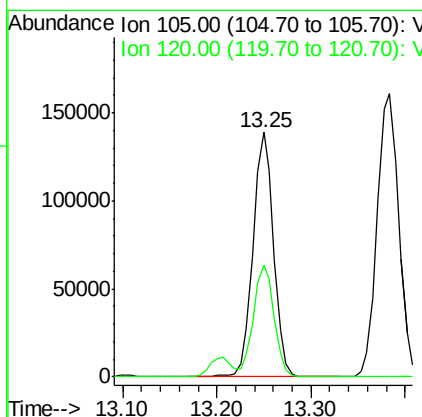
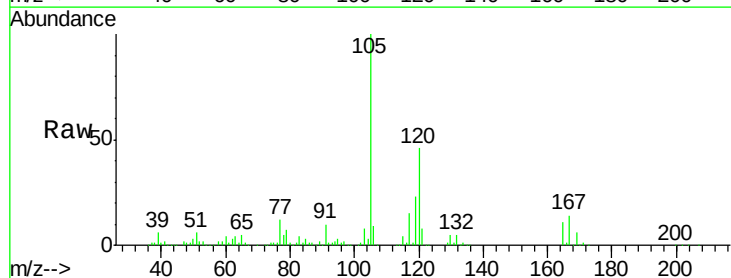
Manual Integrations
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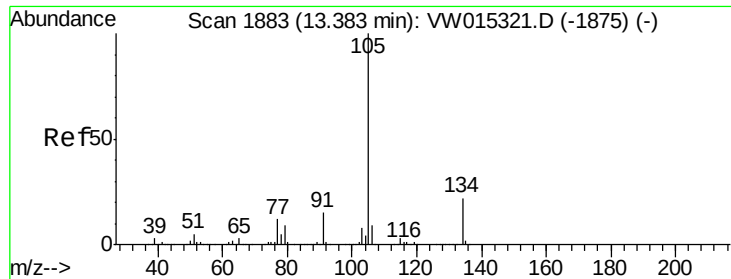
MMDadoda
 4/24/2020 1:32:47 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.520 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	213872		
120	45.5	23.0	69.0	





#85

sec-Butylbenzene

Concen: 20.024 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampled :

VW0423SBS01

Tot Ion:105 Resp: 255411

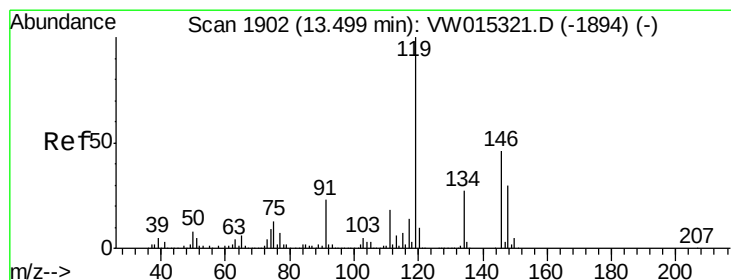
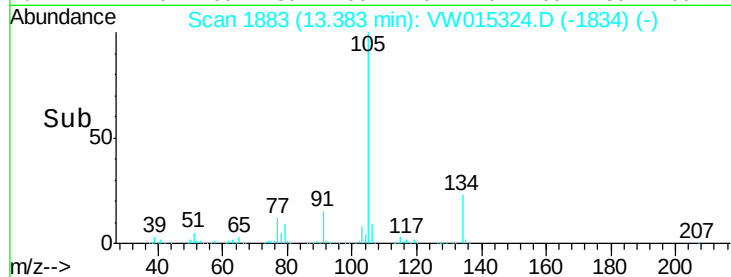
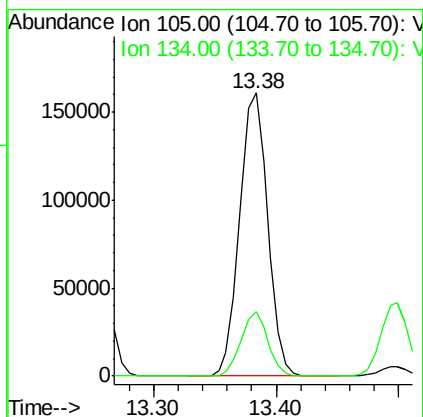
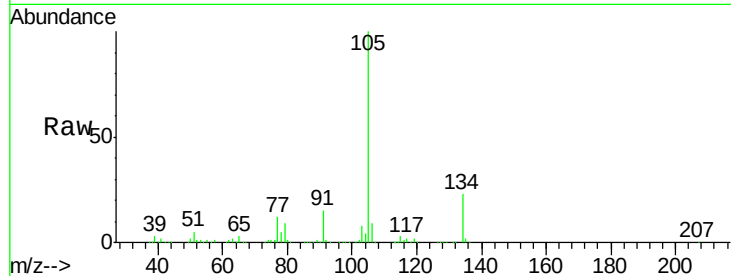
Ion Ratio Lower Upper

105 100

134 21.7 10.1 30.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.425 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

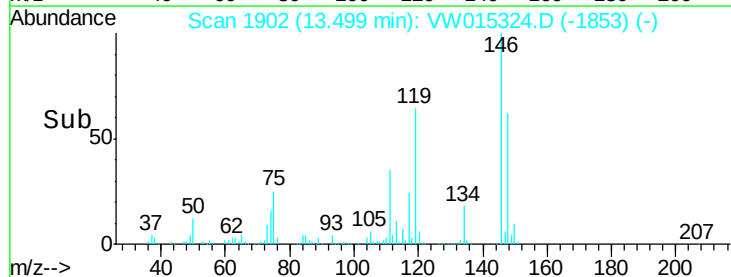
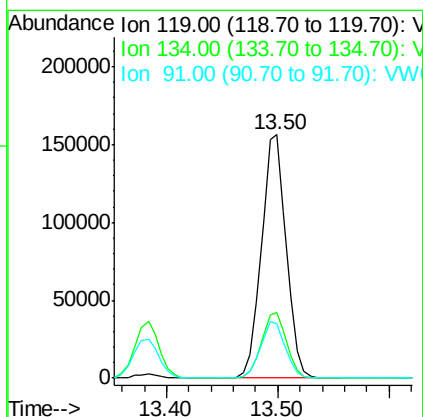
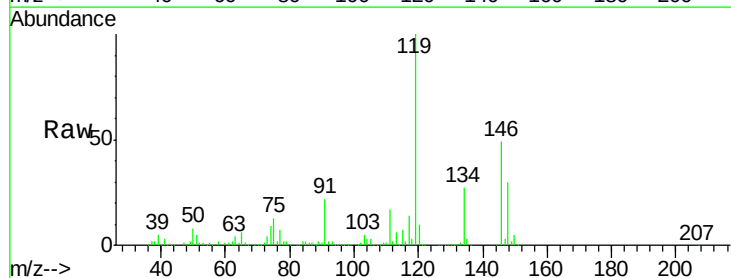
Tgt Ion:119 Resp: 242076

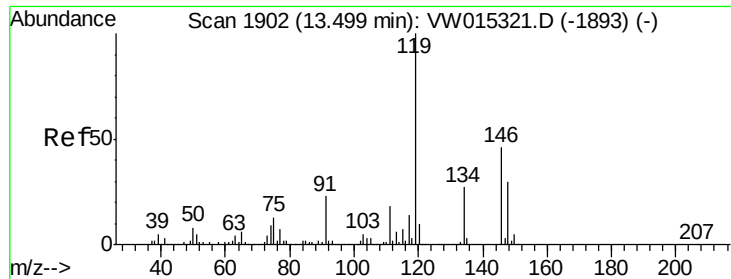
Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

91 23.2 12.0 36.1





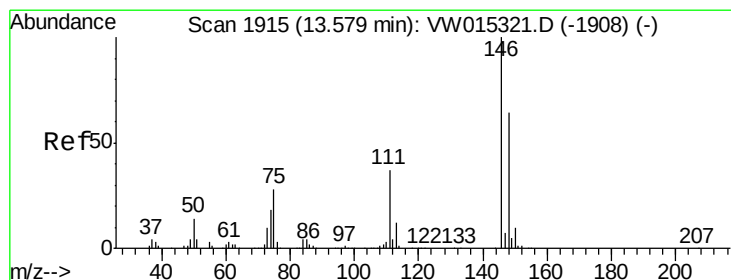
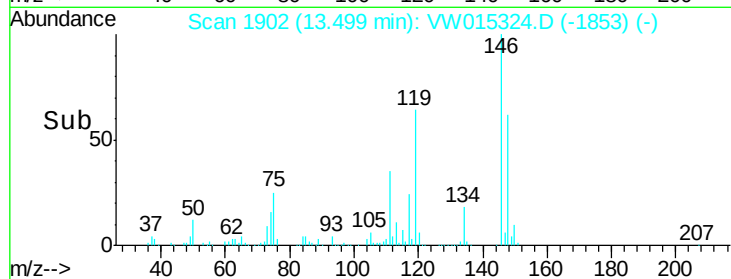
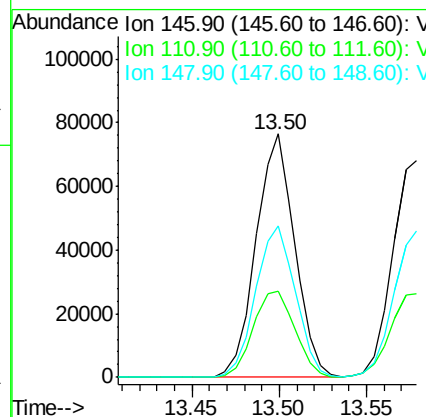
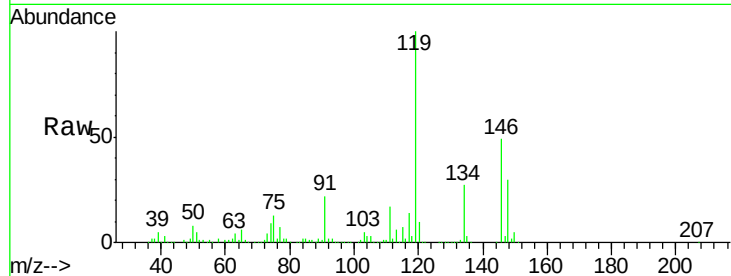
#87
 1,3-Dichlorobenzene
 Concen: 20.966 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0423SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	21.1	63.4
148	63.9	31.8	95.3

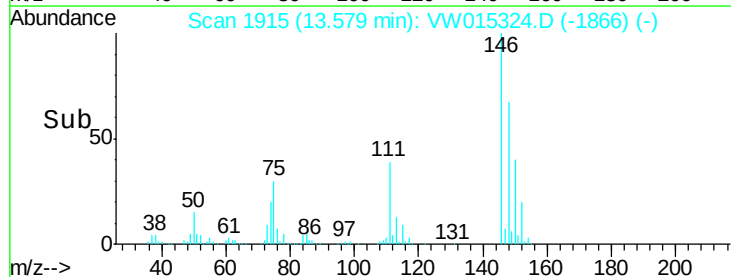
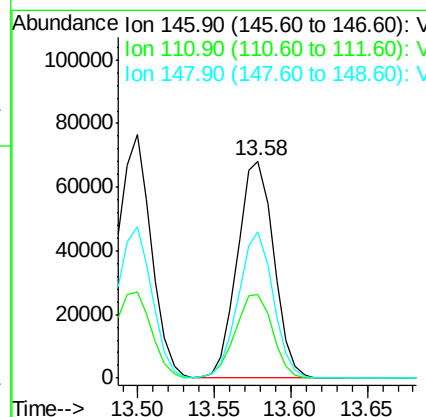
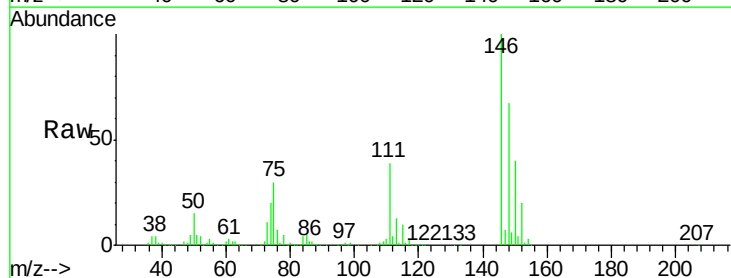
Manual Integrations
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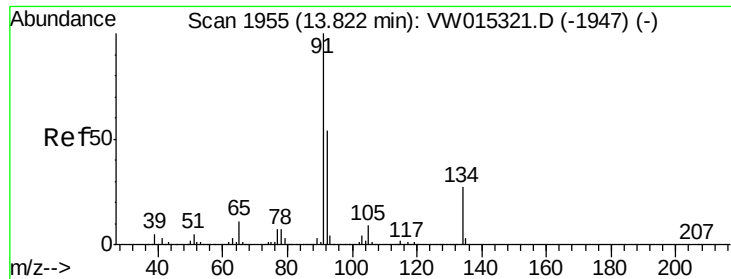
MMDadoda
 4/24/2020 1:32:47 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.613 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.4	61.3
148	64.7	31.5	94.5





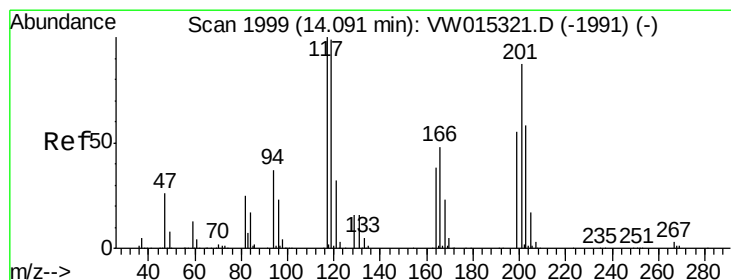
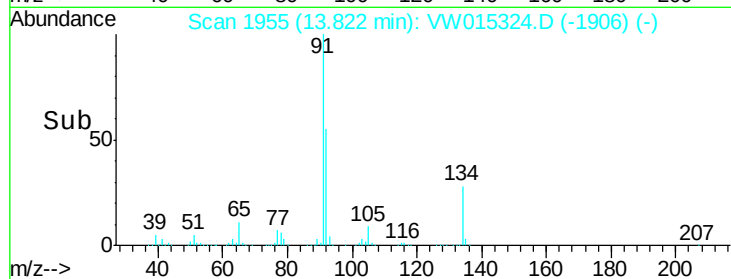
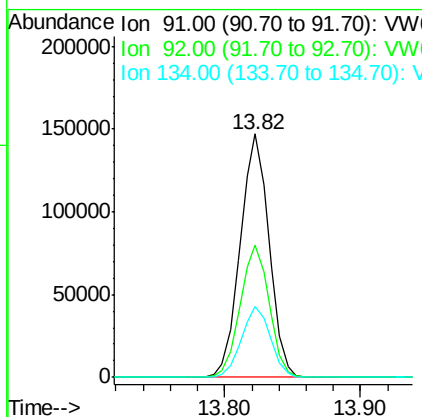
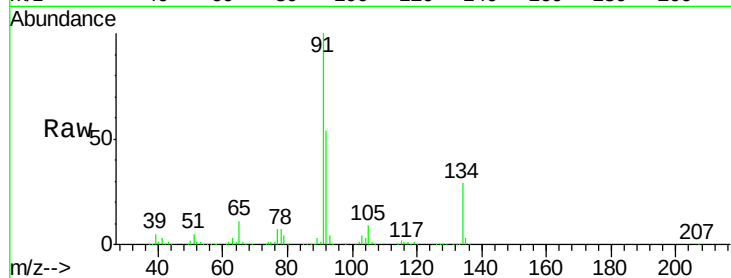
#89
n-Butylbenzene
Concen: 20.051 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	217210		
92	54.7		27.6	82.7
134	29.0		12.8	38.3

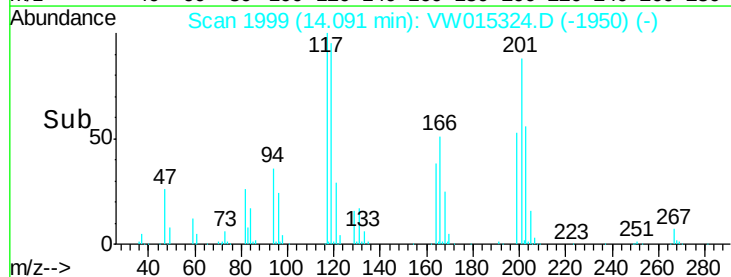
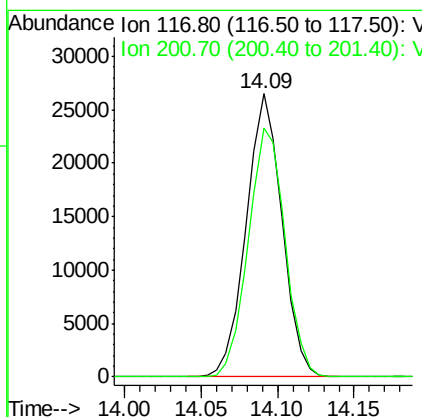
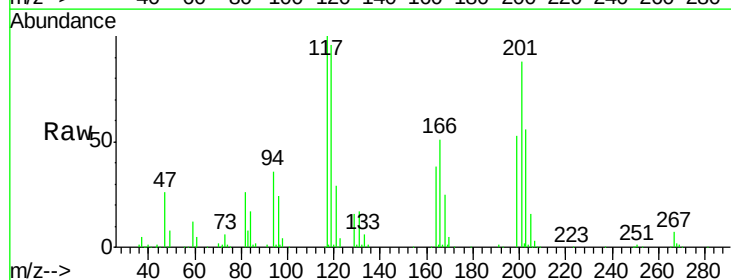
Manual Integrations
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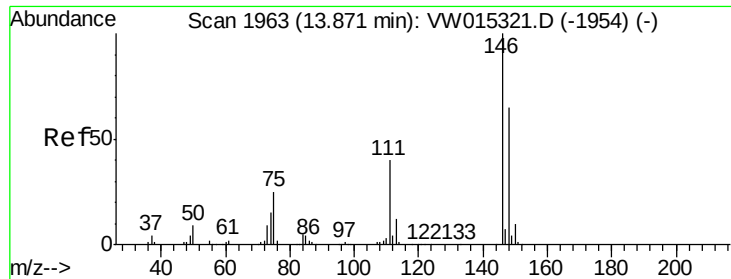
MMDadoda
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#90
Hexachloroethane
Concen: 19.814 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43066		
201	90.0		33.6	100.6





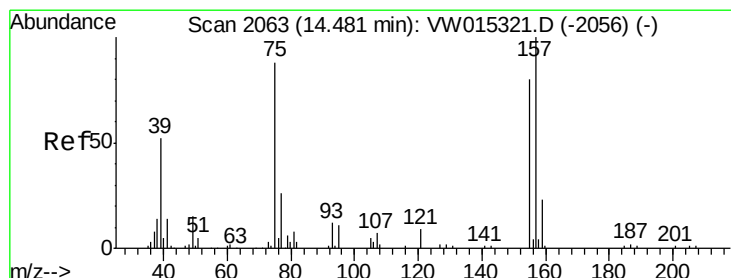
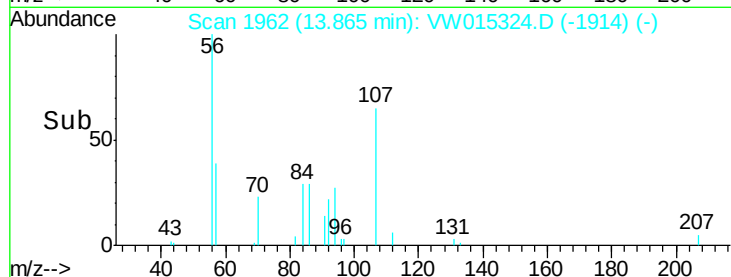
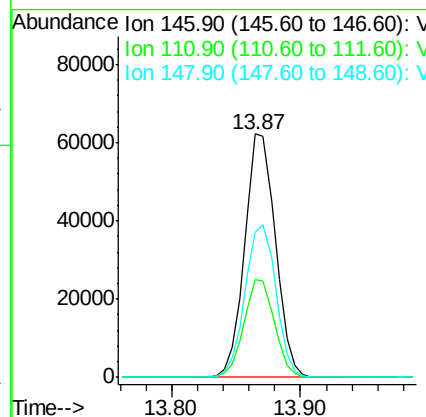
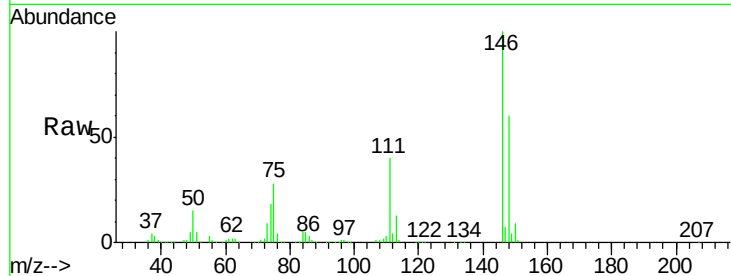
#91
 1,2-Dichlorobenzene
 Concen: 21.113 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0423SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	21.6	65.0
148	62.8	31.0	93.0

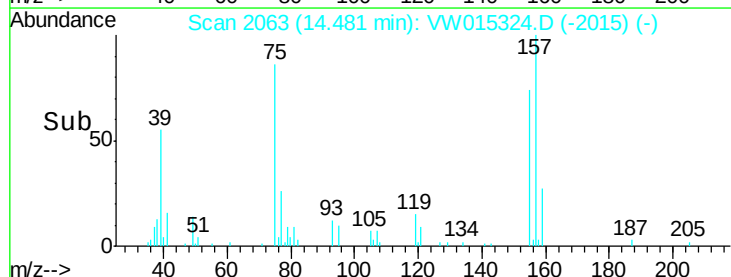
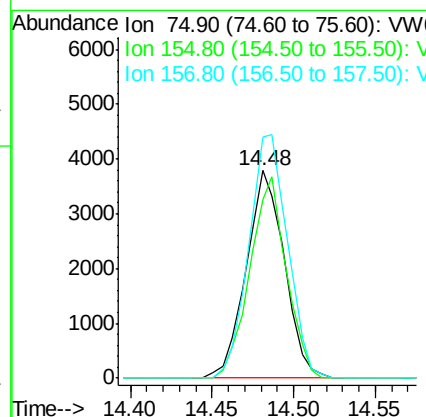
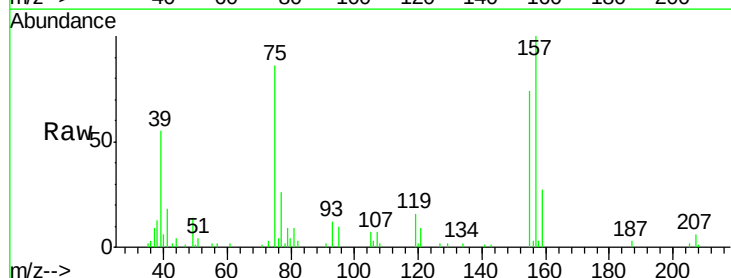
Manual Integrations
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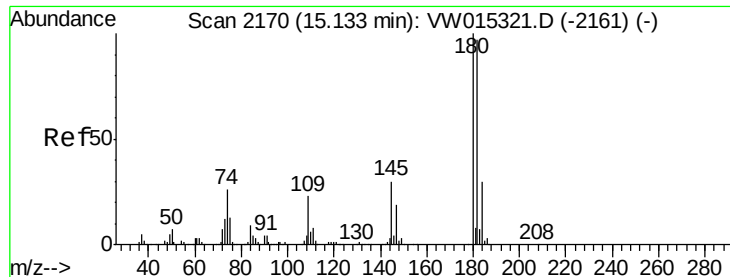
MMDadoda
 4/24/2020 1:32:47 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.550 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.3	41.6	124.9
157	119.7	53.8	161.2





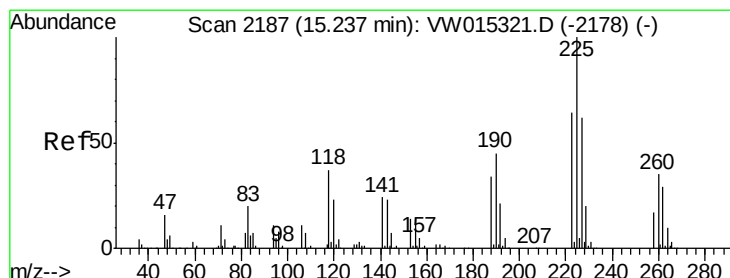
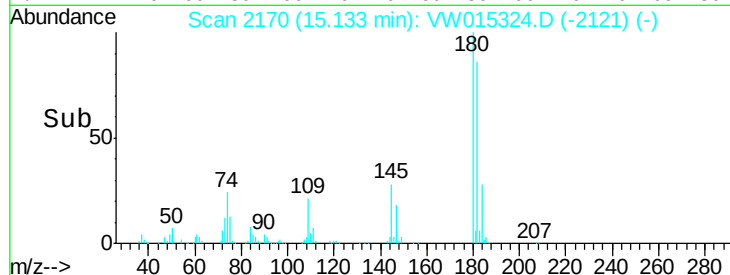
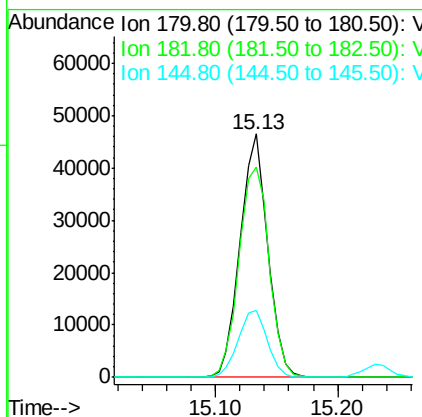
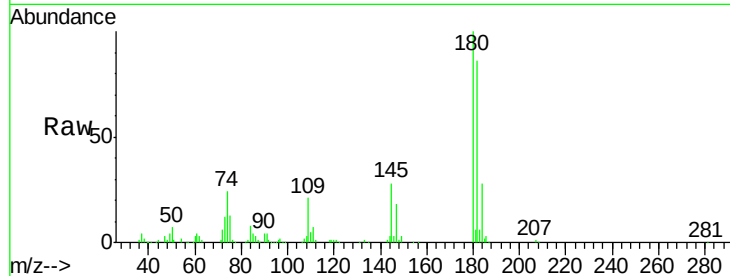
#93
 1,2,4-Trichlorobenzene
 Concen: 21.506 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0423SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.1	141.4
145	29.4	16.2	48.6

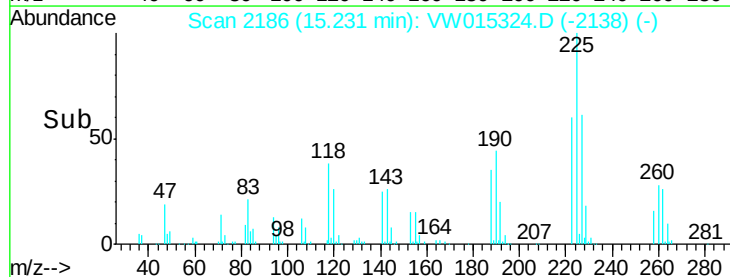
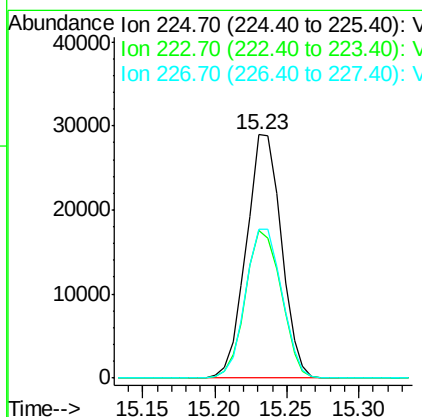
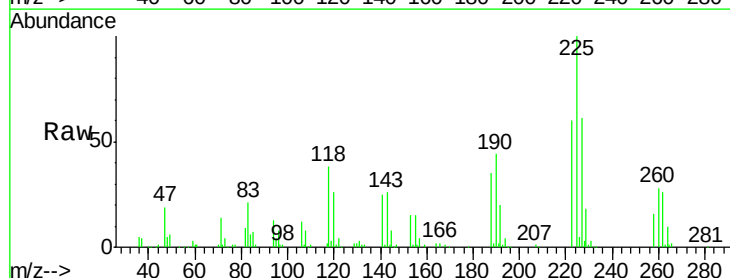
Manual Integrations
 APPROVED

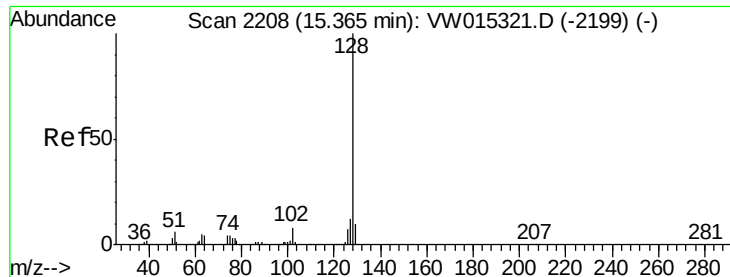
MMDadoda
 4/24/2020 1:32:47 PM



#94
 Hexachlorobutadiene
 Concen: 21.653 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.0	93.0
227	63.6	30.8	92.3





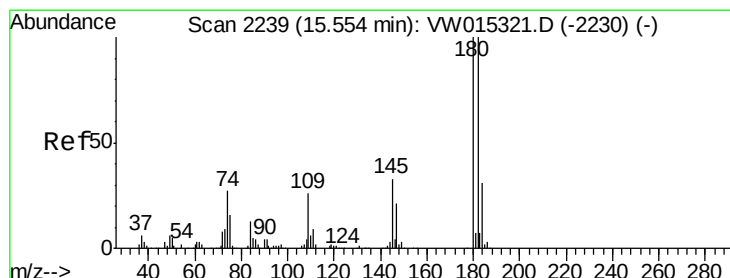
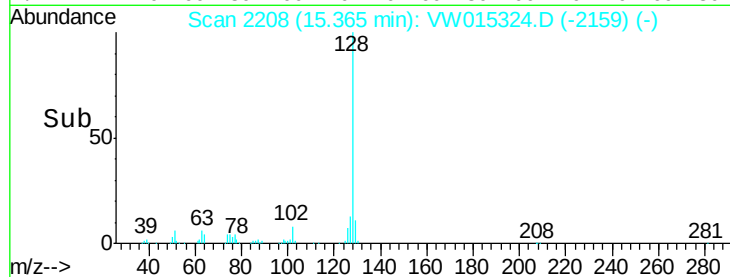
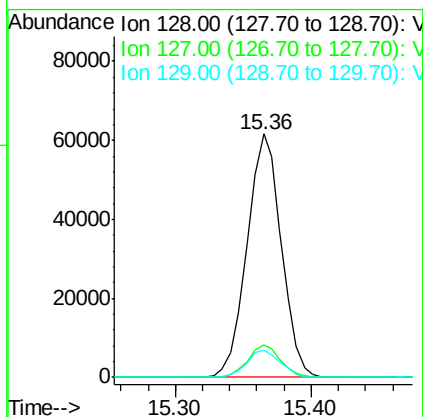
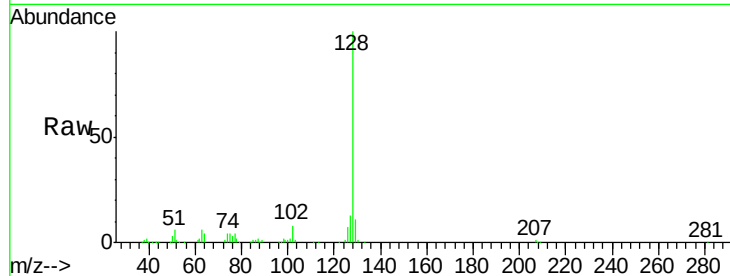
#95
Naphthalene
Concen: 19.955 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VW0423SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
127	13.0	10.3	15.5	
129	11.1	8.6	12.8	

Manual Integrations
APPROVED

MMDadoda
4/24/2020 1:32:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.749 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	48.8	146.3	
145	31.2	17.2	51.6	

