

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015658.D
 Acq On : 23 Jun 2020 13:29
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:58:20 AM

Quant Time: Jun 24 03:10:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124608	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	7.88	113	110677	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	10.32	98	447954	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.62	95	165130	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	77336	54.492	ug/l	99
3) Chloromethane	2.21	50	80106	48.068	ug/l	98
4) Vinyl Chloride	2.37	62	132748	49.272	ug/l	100
5) Bromomethane	2.78	94	90780	45.844	ug/l	96
6) Chloroethane	2.93	64	84650	47.744	ug/l	99
7) Trichlorofluoromethane	3.26	101	96189	47.549	ug/l	97
8) Diethyl Ether	3.68	74	59622	51.033	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	114133	47.865	ug/l	99
10) Methyl Iodide	4.27	142	163169	48.395	ug/l	100
11) Tert butyl alcohol	5.18	59	42636	296.502	ug/l	98
12) 1,1-Dichloroethene	4.04	96	114082	49.135	ug/l	97
13) Acrolein	3.89	56	47172	256.413	ug/l	99
14) Allyl chloride	4.67	41	190609	50.602	ug/l	98
15) Acrylonitrile	5.37	53	120027	249.007	ug/l	99
16) Acetone	4.12	43	142972	283.986	ug/l	99
17) Carbon Disulfide	4.38	76	338939	50.721	ug/l	100
18) Methyl Acetate	4.67	43	53359	51.351	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	174059	49.813	ug/l	99
20) Methylene Chloride	4.92	84	123757	50.498	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	129645	48.703	ug/l	98
22) Diisopropyl ether	6.31	45	368615	49.202	ug/l	98
23) Vinyl Acetate	6.26	43	1130311	258.714	ug/l	100
24) 1,1-Dichloroethane	6.21	63	226134	47.951	ug/l	99
25) 2-Butanone	7.17	43	172132	252.977	ug/l	99
26) 2,2-Dichloropropane	7.17	77	147989	46.787	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	138747	48.452	ug/l	99
28) Bromochloromethane	7.51	49	87510	48.240	ug/l	99
29) Tetrahydrofuran	7.53	42	102400	256.099	ug/l	99
30) Chloroform	7.68	83	227392	47.015	ug/l	99
31) Cyclohexane	7.96	56	213035	46.699	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	197288	47.853	ug/l	99
36) 1,1-Dichloropropene	8.09	75	190616	49.579	ug/l	100
37) Ethyl Acetate	7.26	43	74437	50.707	ug/l	99
38) Carbon Tetrachloride	8.07	117	183320	49.189	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	235782	50.632	ug/l	99
40) Benzene	8.32	78	512996	49.072	ug/l	100
41) Methacrylonitrile	7.48	41	44924	53.322	ug/l	93
42) 1,2-Dichloroethane	8.40	62	156547	48.405	ug/l	99
43) Isopropyl Acetate	8.43	43	149749	51.118	ug/l	99
44) Trichloroethene	9.09	130	137468	48.787	ug/l	98
45) 1,2-Dichloropropane	9.37	63	123969	48.515	ug/l	98
46) Dibromomethane	9.46	93	64100	48.484	ug/l	99
47) Bromodichloromethane	9.65	83	169081	49.029	ug/l	100
48) Methyl methacrylate	9.44	41	70313	52.499	ug/l	99
49) 1,4-Dioxane	9.45	88	17861	1029.834	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	365765	258.904	ug/l	100
52) Toluene	10.39	92	331424	49.098	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	170441	51.160	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	201293	50.577	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	89496	48.687	ug/l	96
56) Ethyl methacrylate	10.65	69	121723	53.220	ug/l	97
57) 1,3-Dichloropropane	10.93	76	160311	49.193	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	283457	261.892	ug/l	99
59) 2-Hexanone	10.97	43	256077	266.251	ug/l	99
60) Dibromochloromethane	11.13	129	108647	50.720	ug/l	98
61) 1,2-Dibromoethane	11.24	107	86296	49.114	ug/l	98
64) Tetrachloroethene	10.87	164	114719	48.745	ug/l	98
65) Chlorobenzene	11.66	112	343985	48.702	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	122696	49.544	ug/l	99
67) Ethyl Benzene	11.73	91	655680	49.881	ug/l	98
68) m/p-Xylenes	11.84	106	497882	100.870	ug/l	100
69) o-Xylene	12.17	106	228930	50.444	ug/l	99
70) Styrene	12.18	104	395974	51.068	ug/l	100
71) Bromoform	12.35	173	58999	51.778	ug/l #	99
73) Isopropylbenzene	12.47	105	651782	51.176	ug/l	99
74) N-amyl acetate	12.27	43	143211	53.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	102717	50.413	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	75443m	49.539	ug/l	
77) Bromobenzene	12.75	156	142089	50.033	ug/l	99
78) n-propylbenzene	12.80	91	773739	50.472	ug/l	99
79) 2-Chlorotoluene	12.90	91	435763	50.484	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	540948	50.126	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33577	55.562	ug/l	99
82) 4-Chlorotoluene	12.99	91	452394	49.540	ug/l	98
83) tert-Butylbenzene	13.21	119	456694	50.086	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	536092	49.813	ug/l	100
85) sec-Butylbenzene	13.38	105	653491	50.147	ug/l	99
86) p-Isopropyltoluene	13.50	119	597026	50.424	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	279431	49.566	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	272994	48.893	ug/l	97
89) n-Butylbenzene	13.82	91	573673	50.473	ug/l	100
90) Hexachloroethane	14.10	117	106830	50.701	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	237830	48.791	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17238	52.835	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	162651	50.530	ug/l	100
94) Hexachlorobutadiene	15.24	225	98406	47.988	ug/l	99
95) Naphthalene	15.37	128	282976	53.152	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	135623	48.937	ug/l	98

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

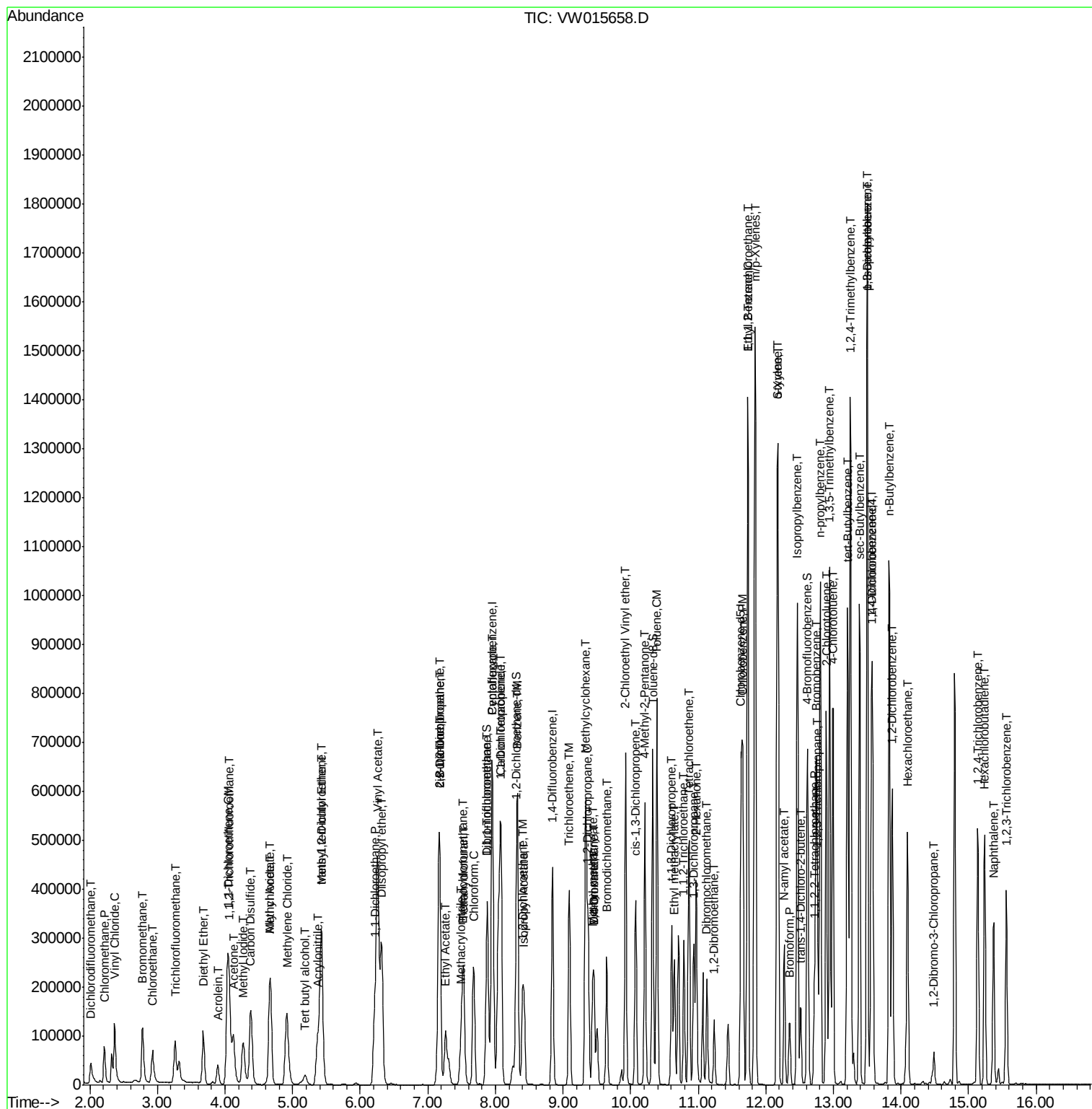
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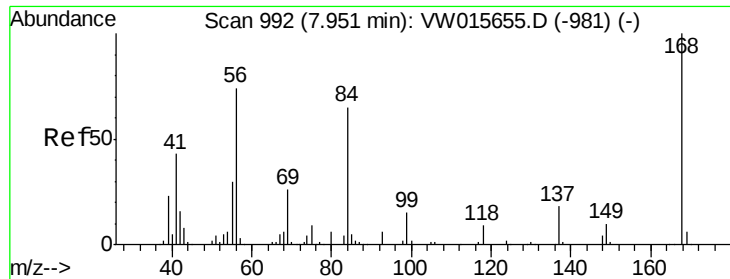
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

Tot Ion:168 Resp: 238019

Ion Ratio Lower Upper

168 100

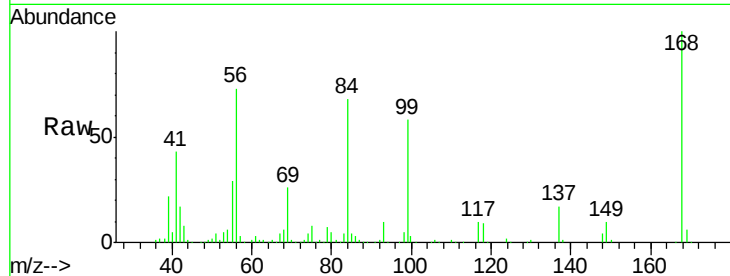
99 58.4 48.6 73.0

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

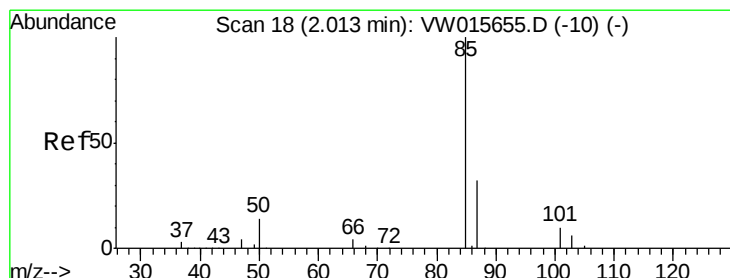
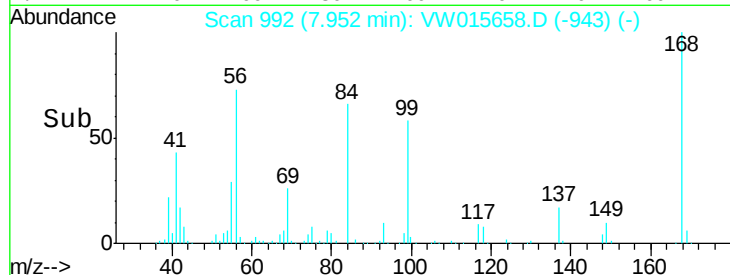
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.492 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015658.D

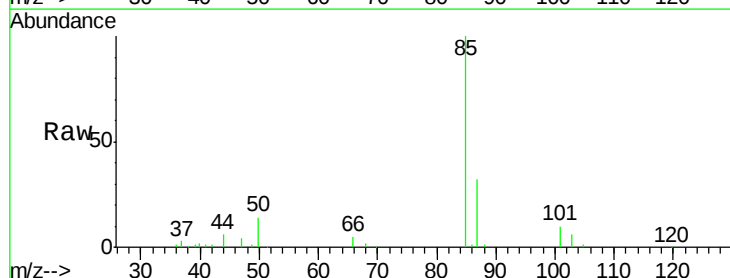
Acq: 23 Jun 2020 13:29

Tgt Ion: 85 Resp: 77336

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

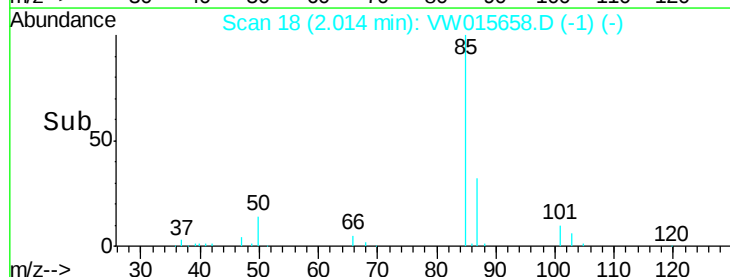
15000

10000

5000

0

Time-->





#3

Chloromethane

Concen: 48.068 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

Tot Ion: 50 Resp: 80106

Ion Ratio Lower Upper

50 100

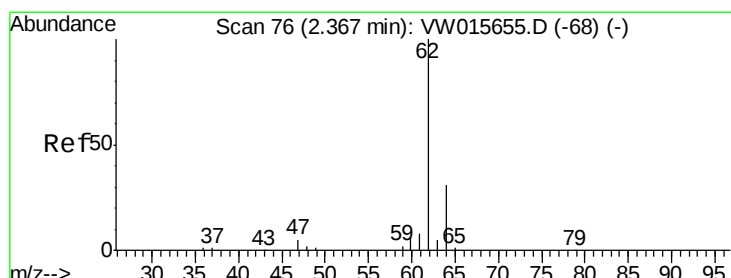
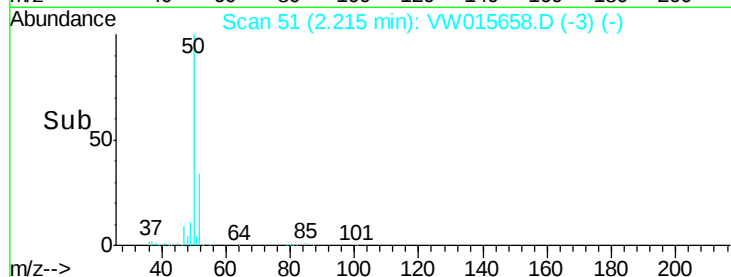
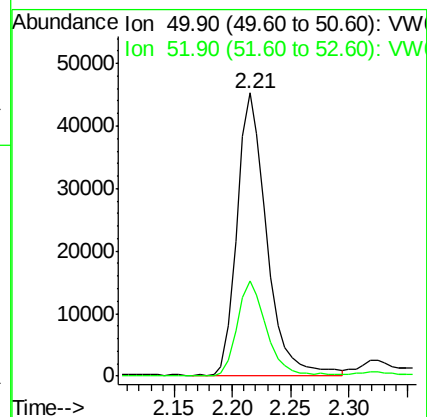
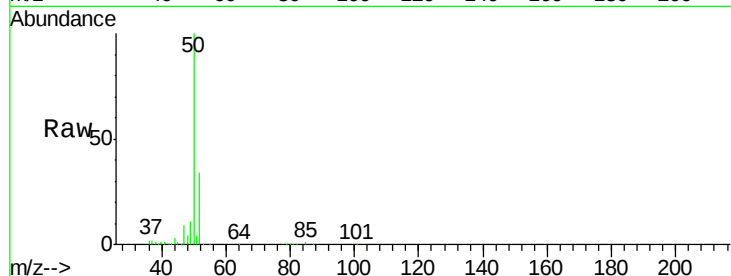
52 33.6 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.272 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015658.D

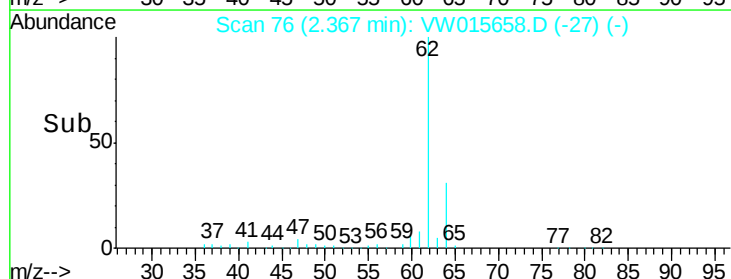
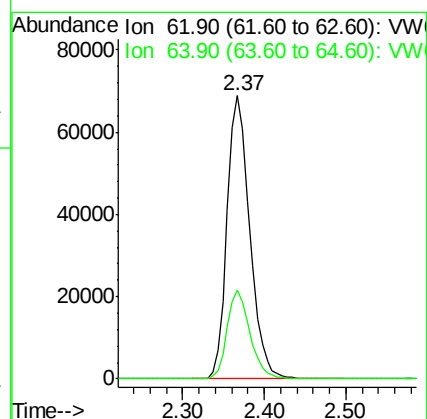
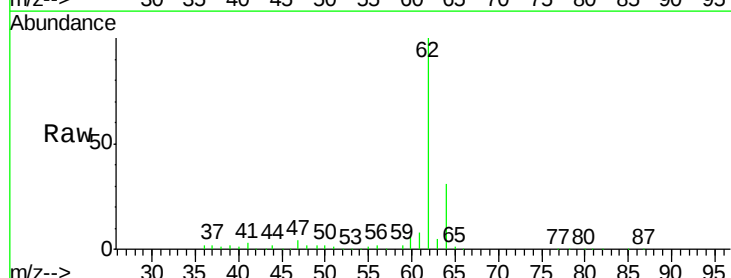
Acq: 23 Jun 2020 13:29

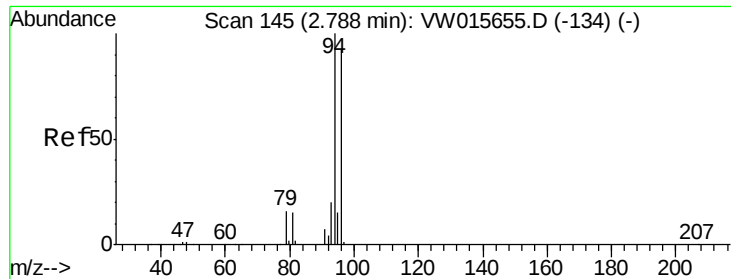
Tgt Ion: 62 Resp: 132748

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 45.844 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 90780

Ion Ratio Lower Upper

94 100

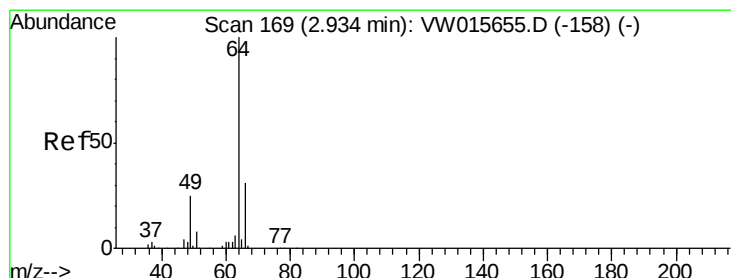
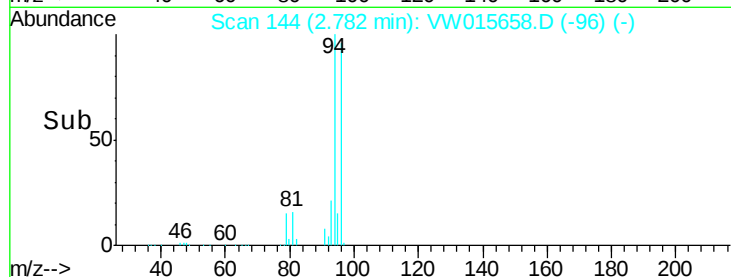
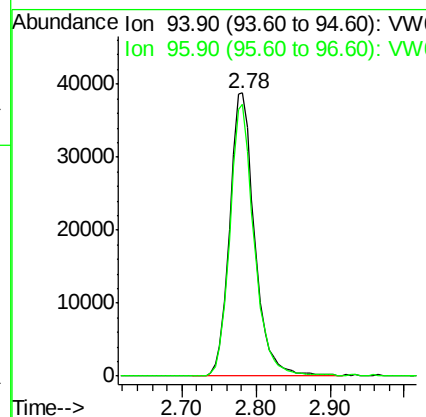
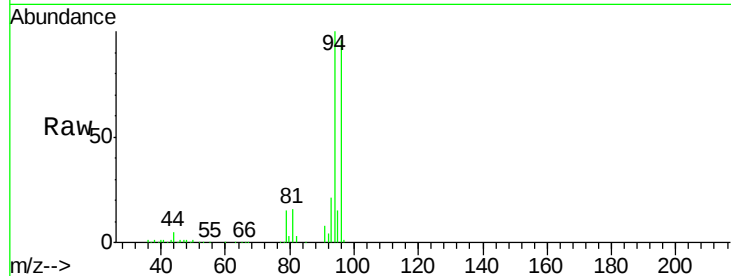
96 95.9 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 47.744 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015658.D

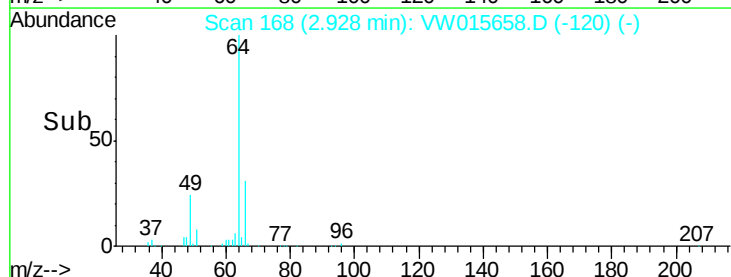
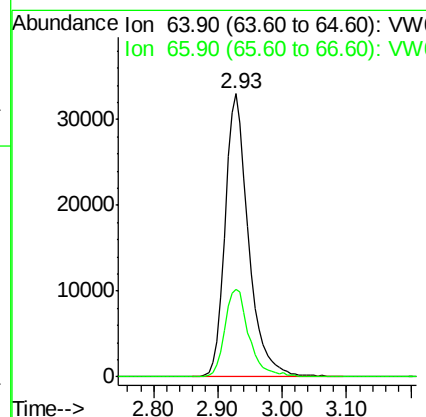
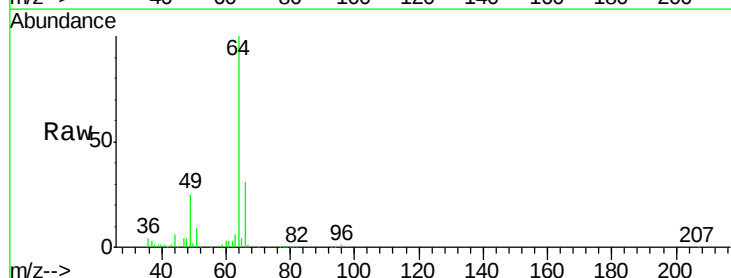
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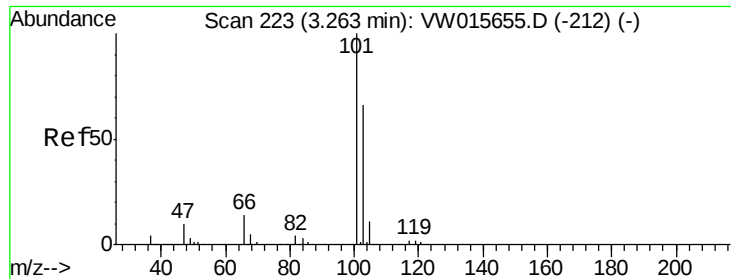
Tgt Ion: 64 Resp: 84650

Ion Ratio Lower Upper

64 100

66 31.1 25.3 37.9





#7

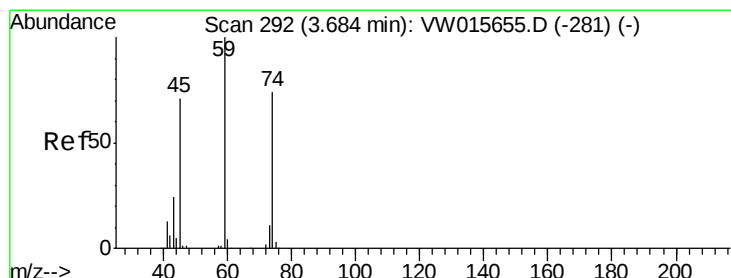
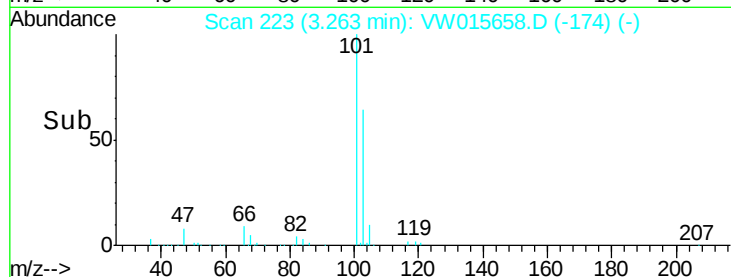
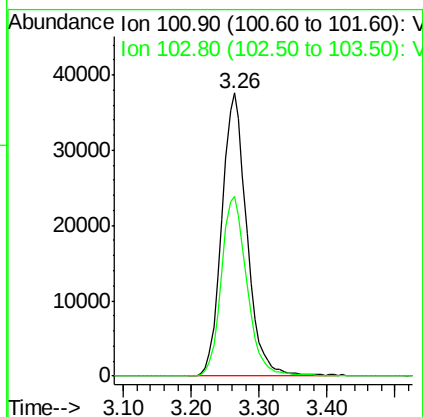
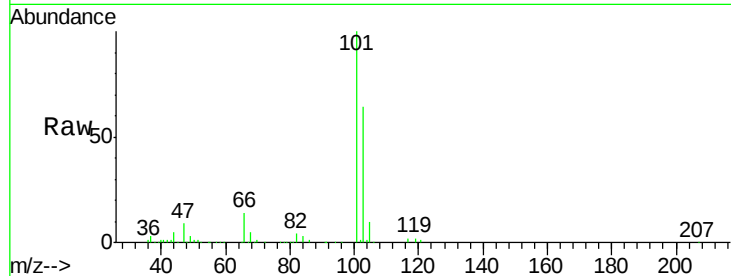
Trichlorofluoromethane
Concen: 47.549 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.6	78.8

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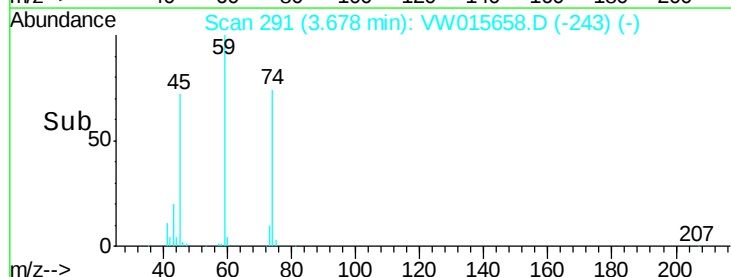
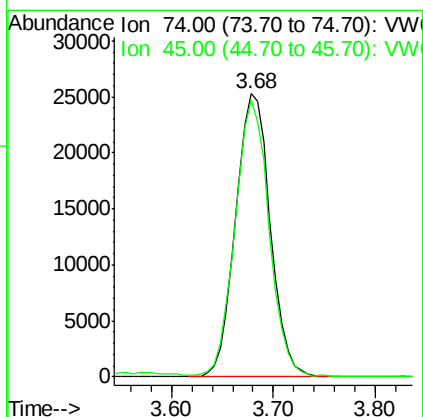
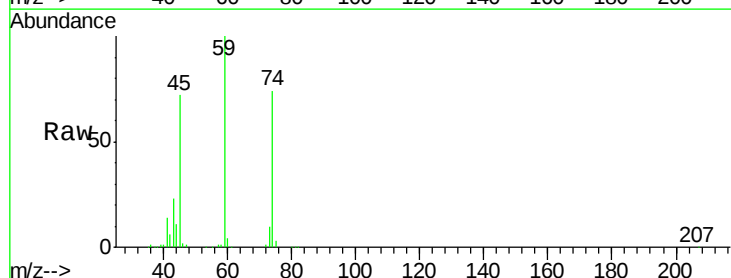
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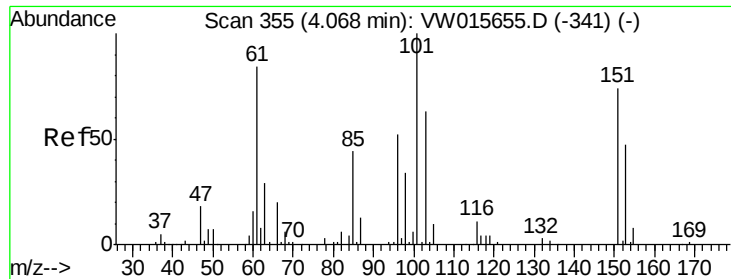


#8

Diethyl Ether
Concen: 51.033 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.3	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.865 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015658.D

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Instrument :

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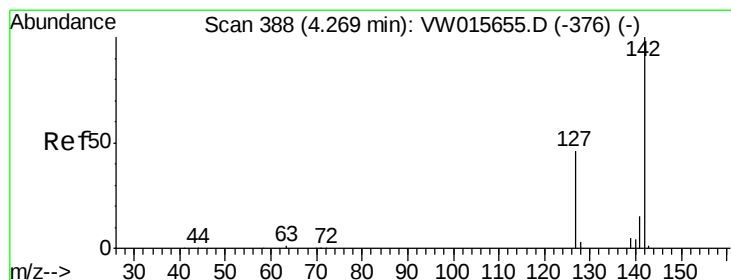
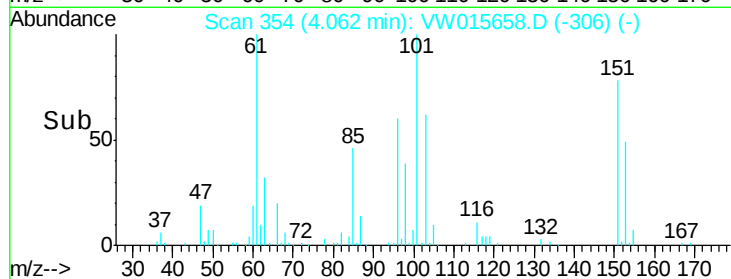
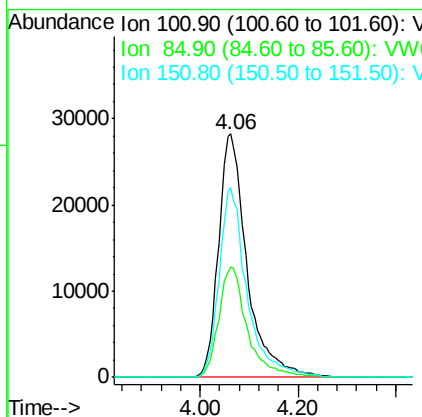
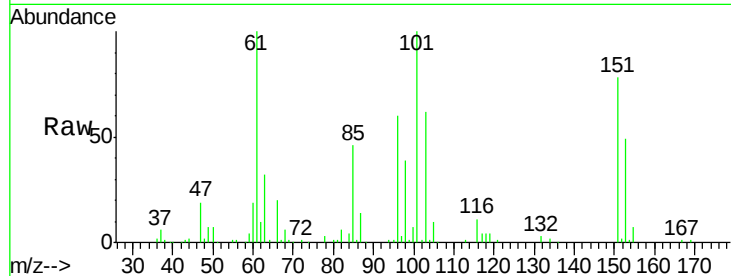
ClientSampleId :

ICVW062320

Tot Ion:	101	Resp:	114133
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.6	55.0
151	76.0	60.4	90.6

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6/24/2020 10:58:20 AM



#10

Methyl Iodide

Concen: 48.395 ug/l

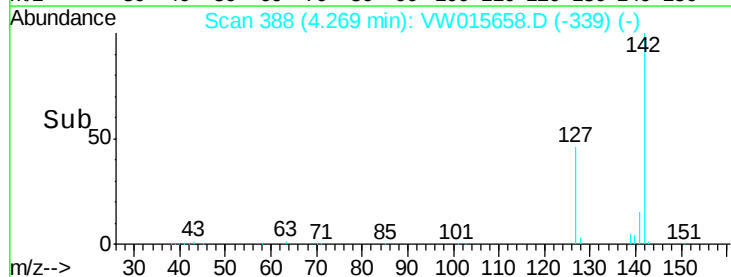
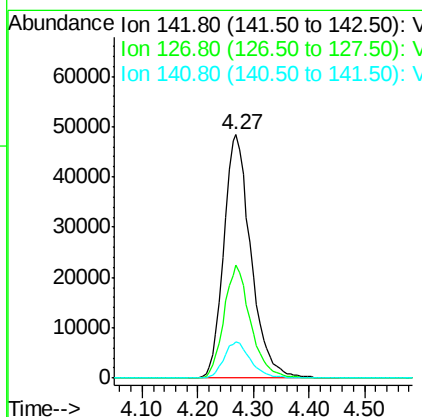
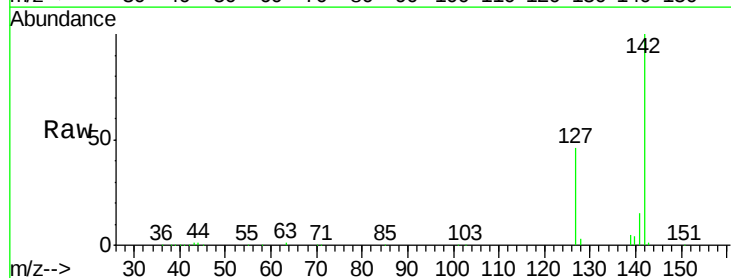
RT: 4.27 min Scan# 388

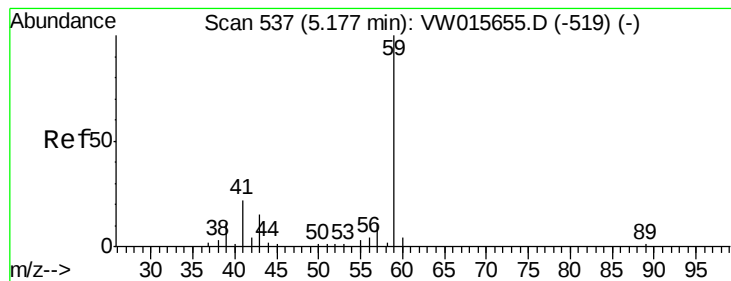
Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Tgt Ion:	142	Resp:	163169
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.4	54.6
141	14.7	11.6	17.4





#11

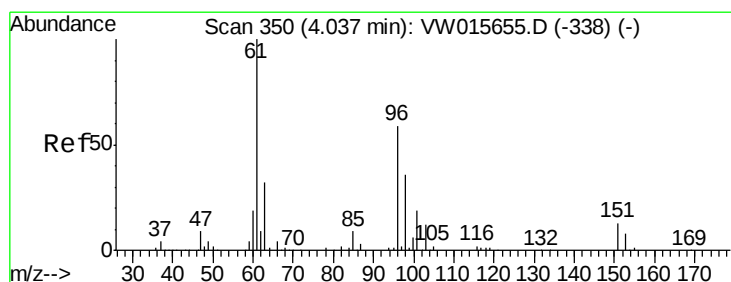
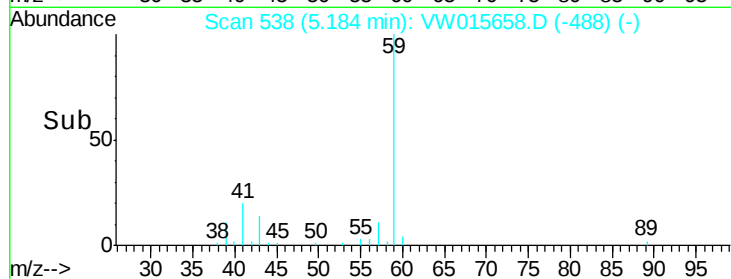
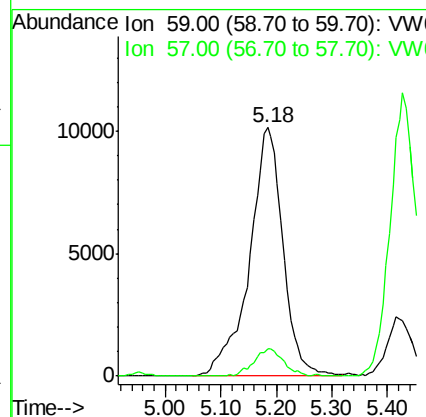
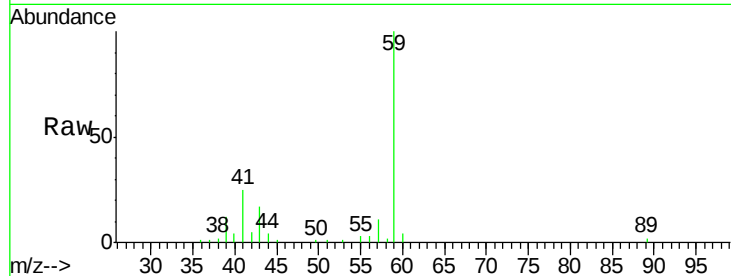
Tert butyl alcohol
 Concen: 296.502 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.4	12.6

Manual Integrations
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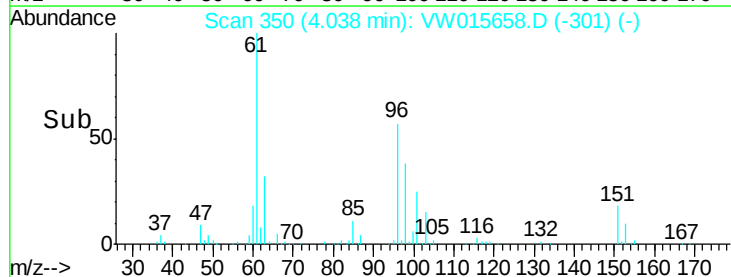
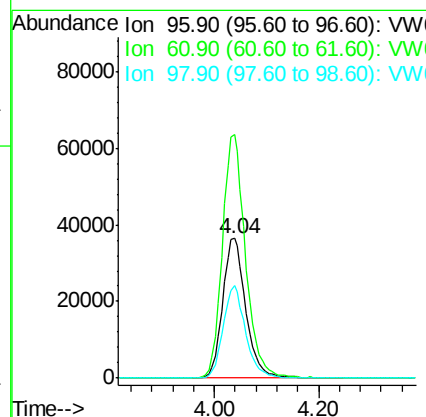
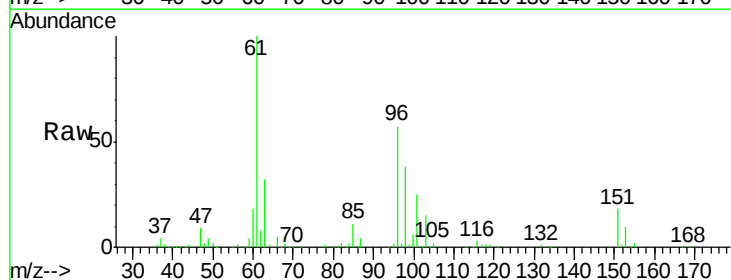
MMDadoda
 6/24/2020 10:58:20 AM

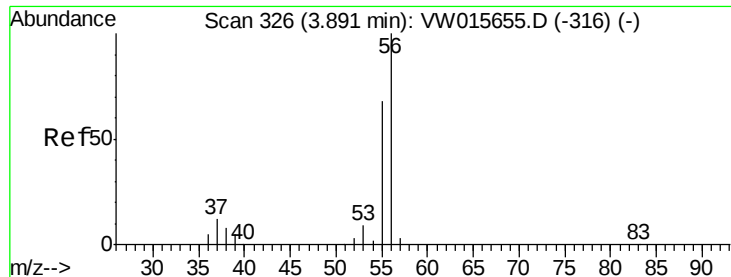


#12

1,1-Dichloroethene
 Concen: 49.135 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.4	136.7	205.1
98	66.0	49.2	73.8





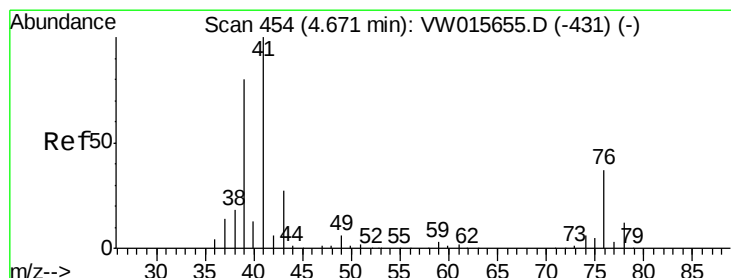
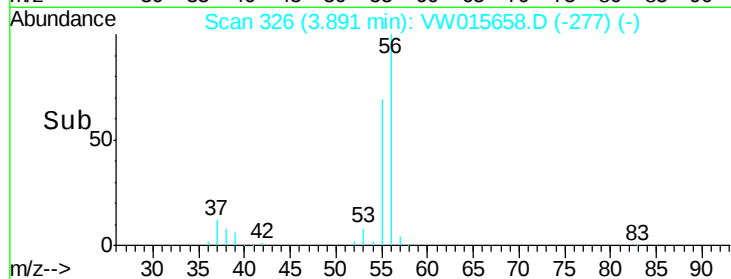
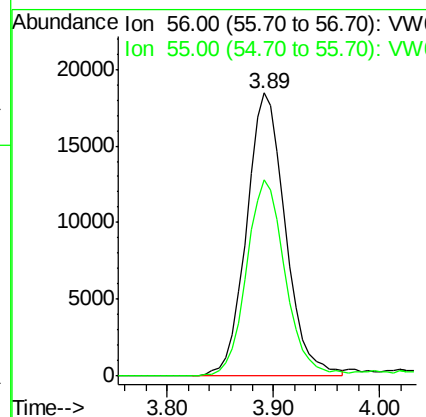
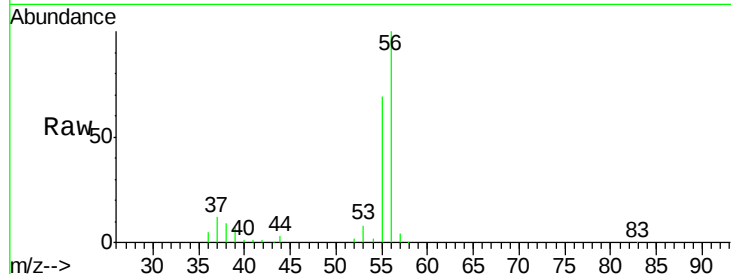
#13
Acrolein
Concen: 256.413 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	56	Resp	47172
Ion Ratio	100	Lower	Upper
55	69.3	56.2	84.2

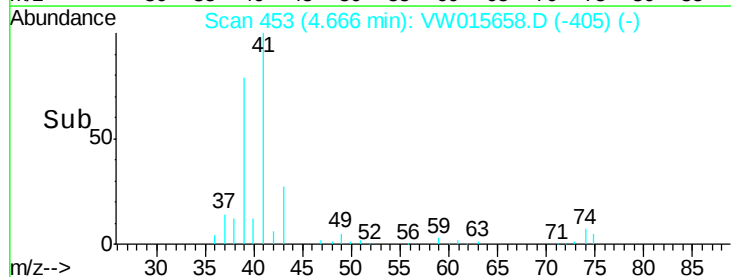
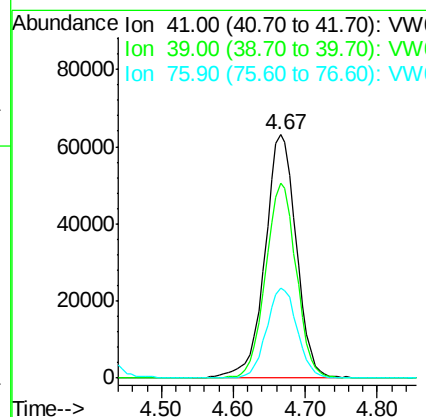
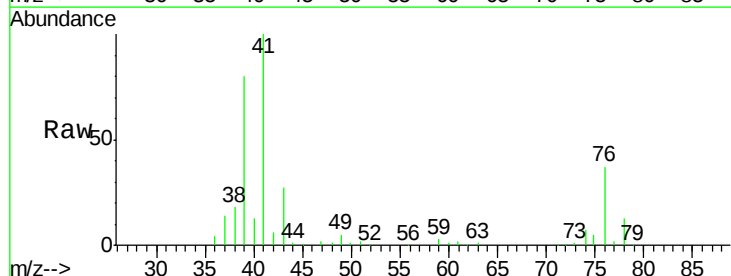
Manual Integrations
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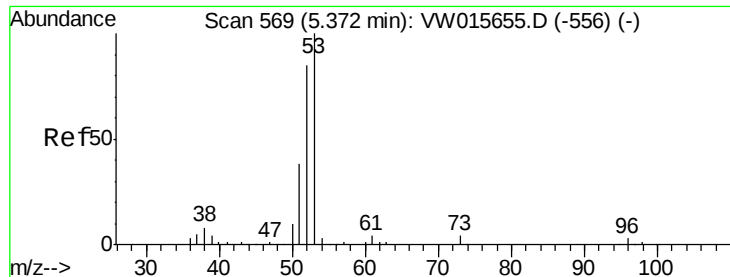
MMDadoda
6/24/2020 10:58:20 AM



#14
Allyl chloride
Concen: 50.602 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	41	Resp	190609
Ion Ratio	100	Lower	Upper
39	78.5	64.6	97.0
76	36.1	29.1	43.7





#15

Acrylonitrile

Concen: 249.007 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

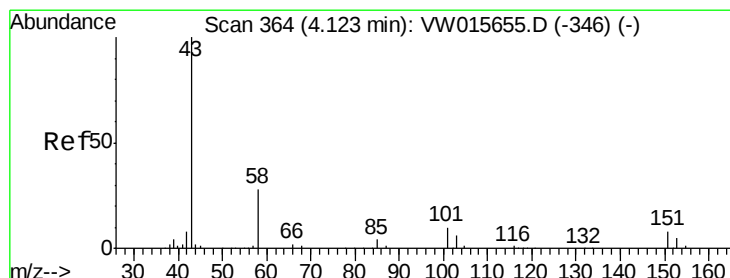
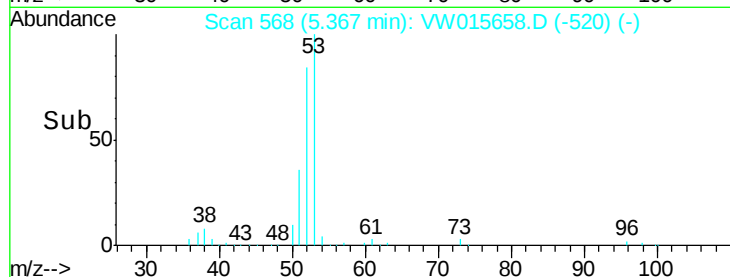
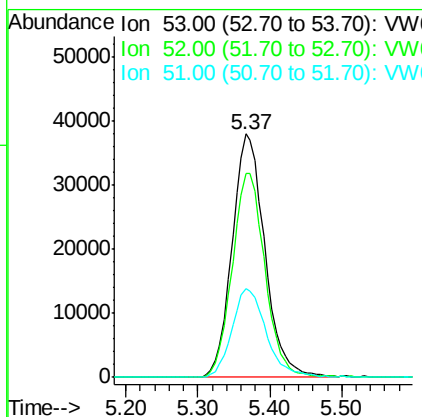
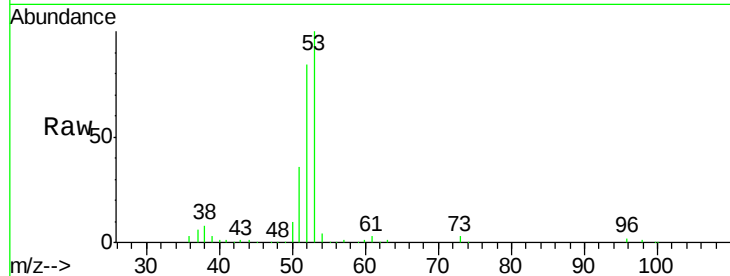
ClientSampleId :

ICVW062320

Tot Ion:	53	Resp:	120027
Ion Ratio	Lower	Upper	
53	100		
52	83.9	65.8	98.6
51	38.4	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 283.986 ug/l

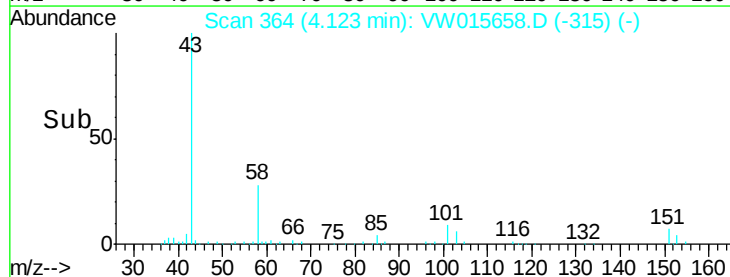
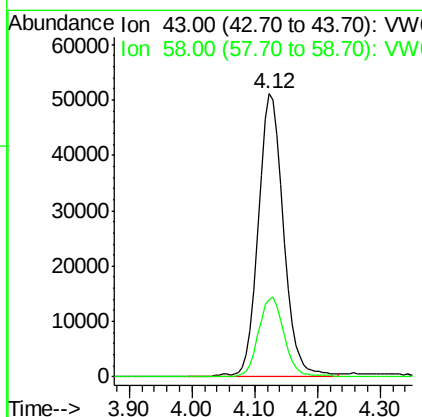
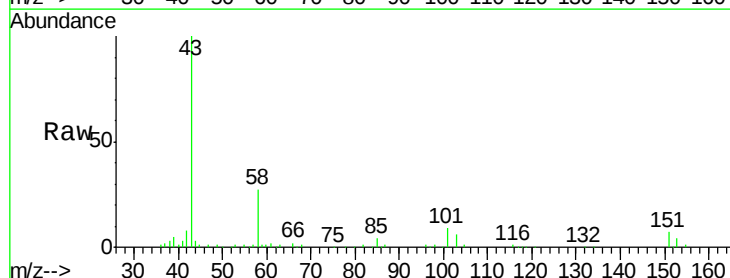
RT: 4.12 min Scan# 364

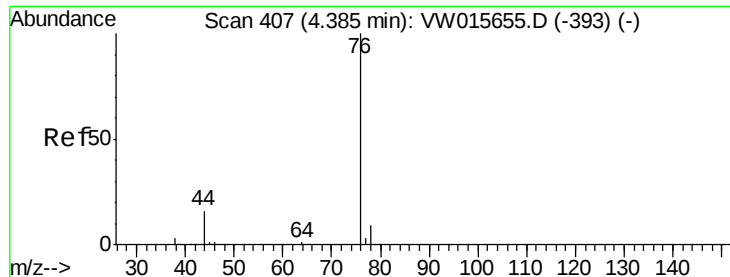
Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Tgt Ion:	43	Resp:	142972
Ion Ratio	Lower	Upper	
43	100		
58	27.5	22.6	33.8





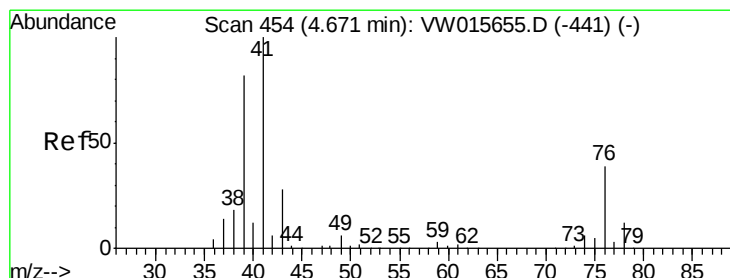
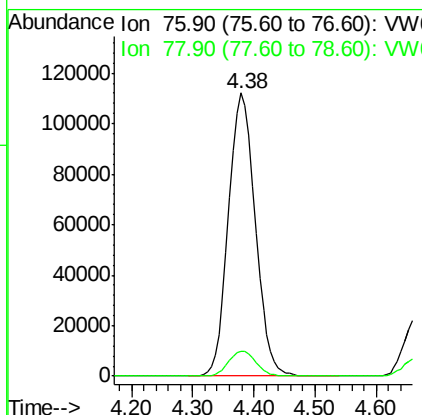
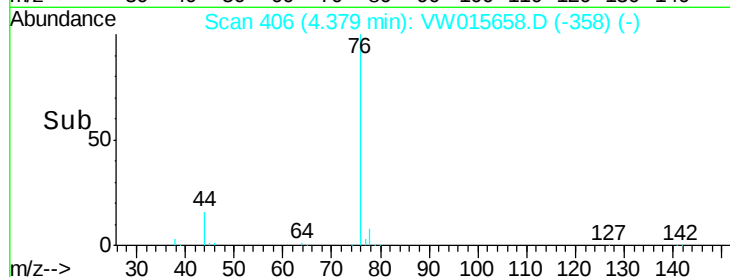
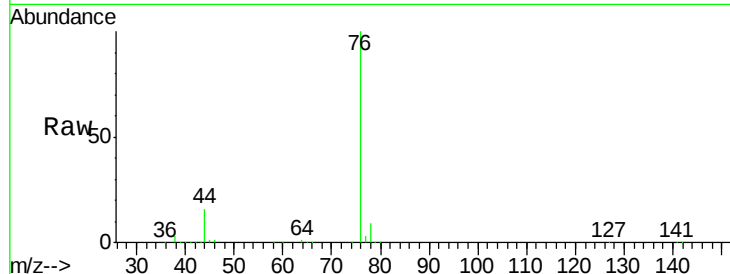
#17
Carbon Disulfide
Concen: 50.721 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

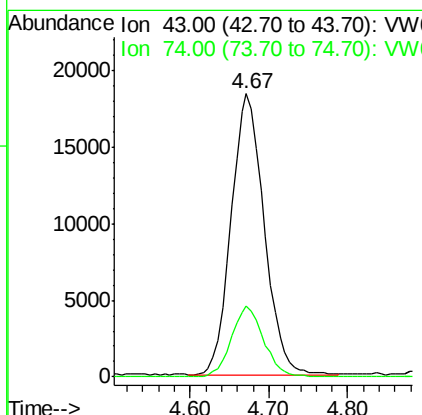
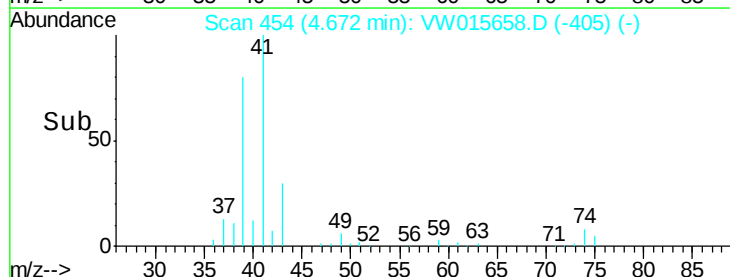
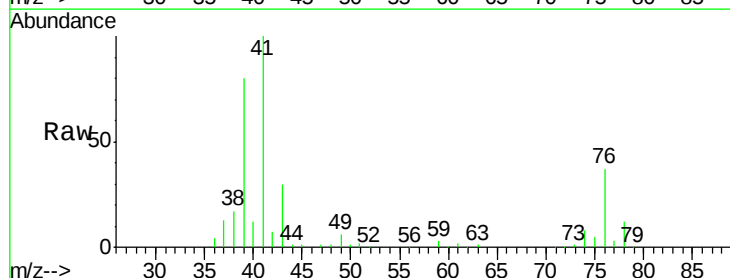
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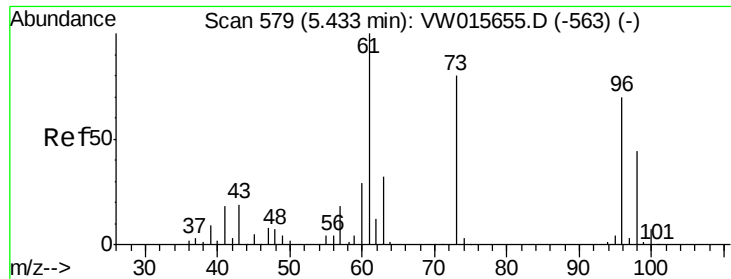
MMDadoda
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#18
Methyl Acetate
Concen: 51.351 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.0	28.6





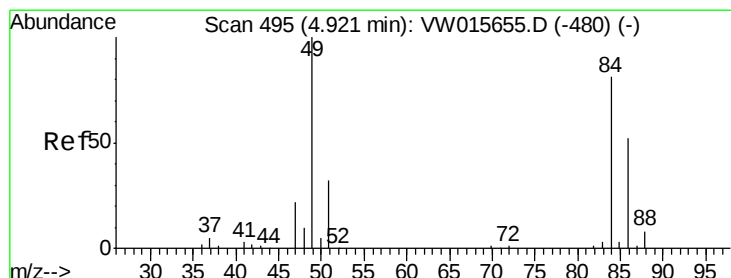
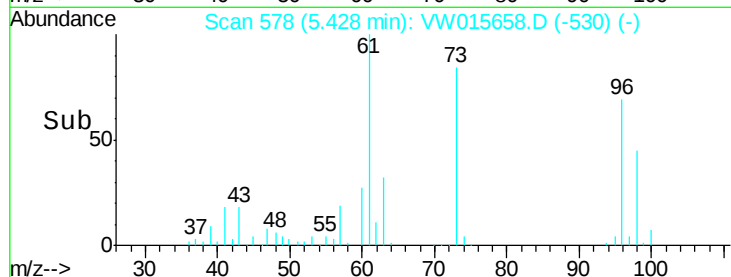
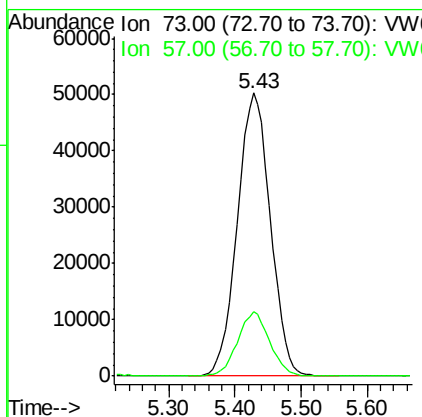
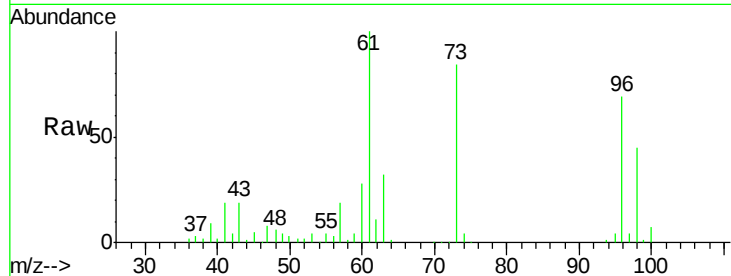
#19
Methyl tert-butyl Ether
Concen: 49.813 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampled :
ICVW062320

Tot Ion: 73 Resp: 174059
Ion Ratio Lower Upper
73 100
57 23.0 18.1 27.1

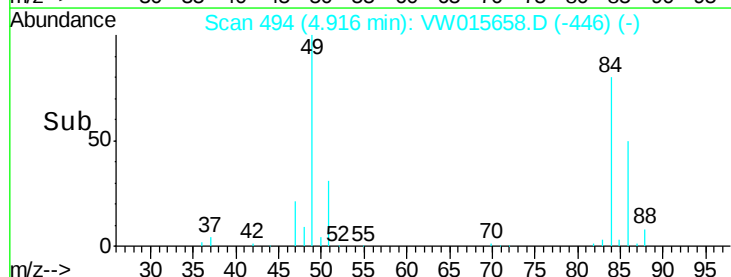
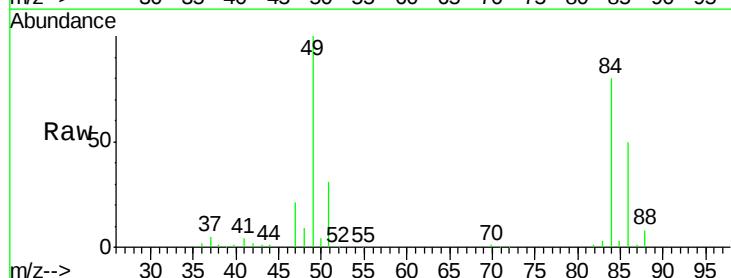
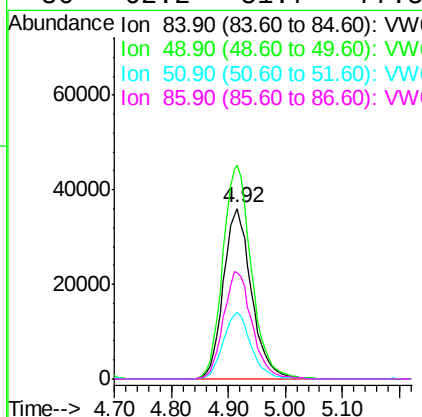
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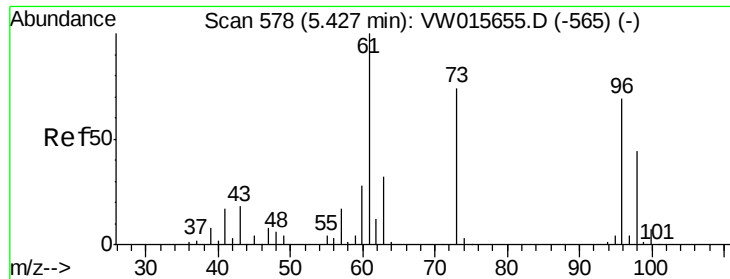
MMDadoda
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#20
Methylene Chloride
Concen: 50.498 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion: 84 Resp: 123757
Ion Ratio Lower Upper
84 100
49 125.3 99.3 148.9
51 38.9 31.8 47.6
86 62.2 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 48.703 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

Tot Ion: 96 Resp: 129645

Ion Ratio Lower Upper

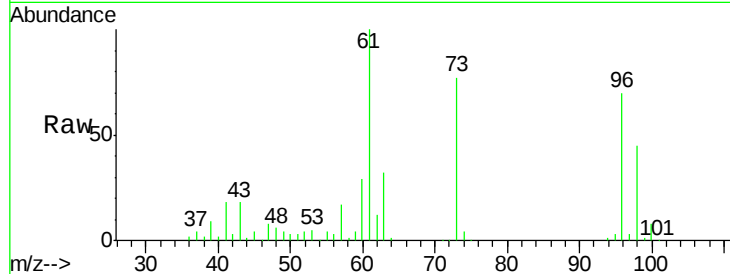
96 100

61 141.9 116.2 174.2

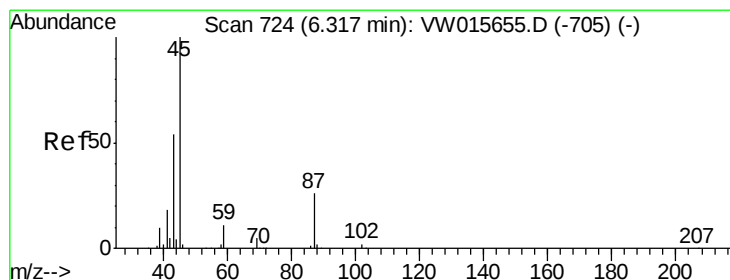
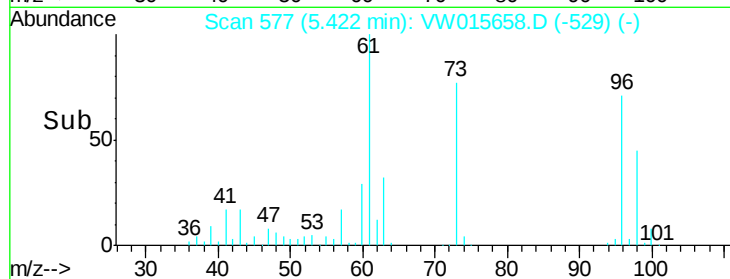
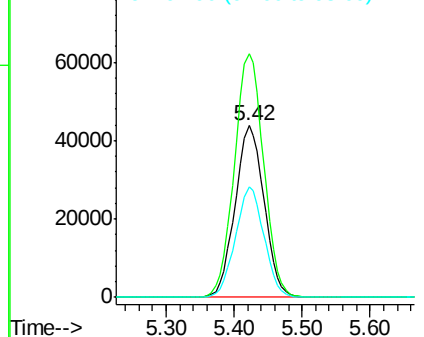
98 64.4 51.4 77.0

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



#22

Diisopropyl ether

Concen: 49.202 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Tgt Ion: 45 Resp: 368615

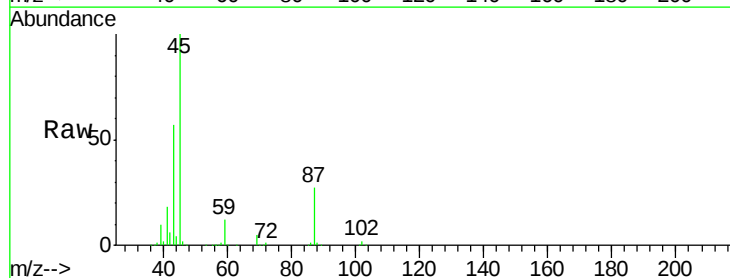
Ion Ratio Lower Upper

45 100

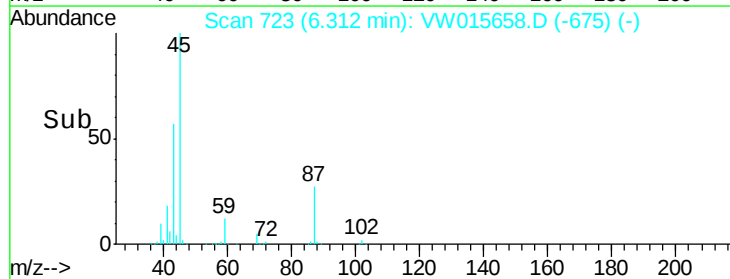
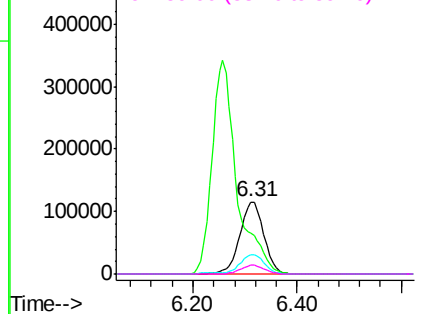
43 57.0 43.9 65.9

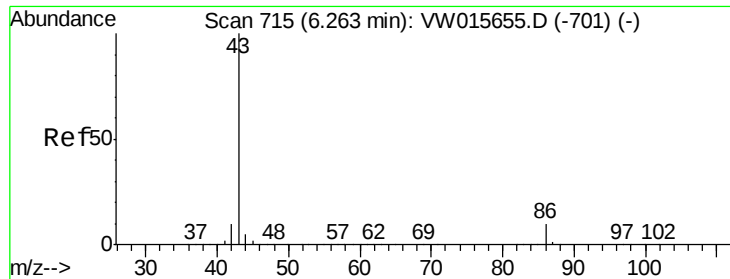
87 27.4 21.2 31.8

59 11.7 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 258.714 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

Tot Ion: 43 Resp: 1130311

Ion Ratio Lower Upper

43 100

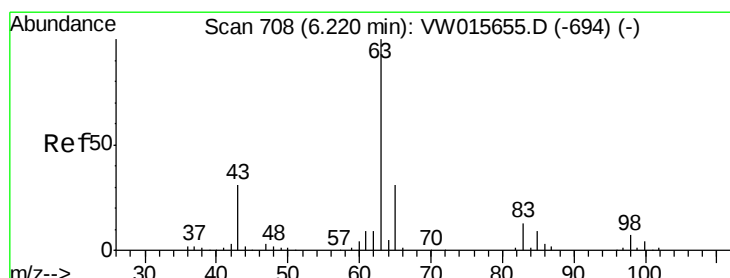
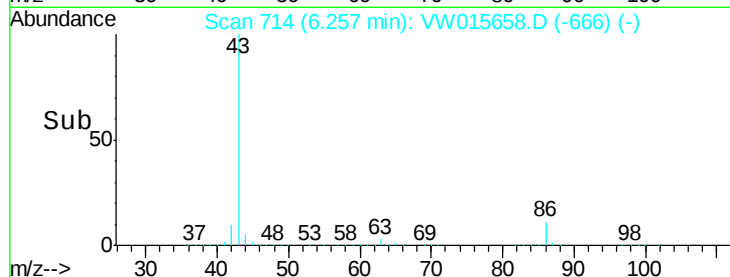
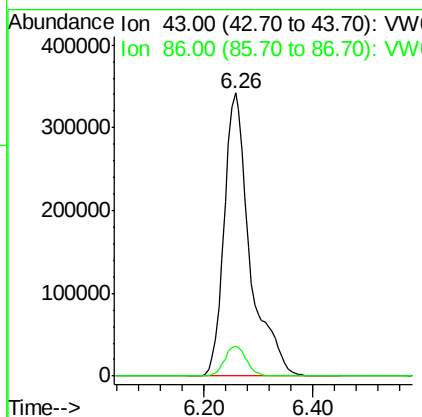
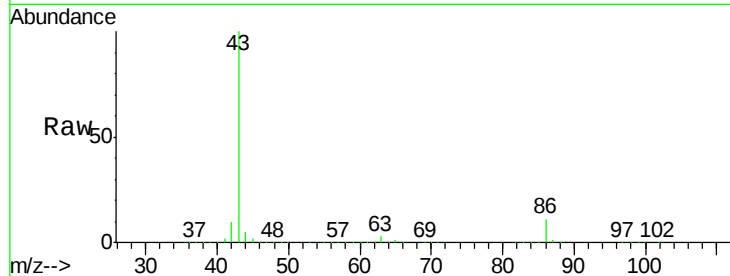
86 10.5 8.3 12.5

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 47.951 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

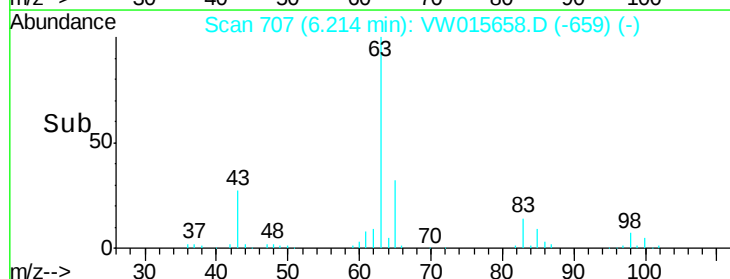
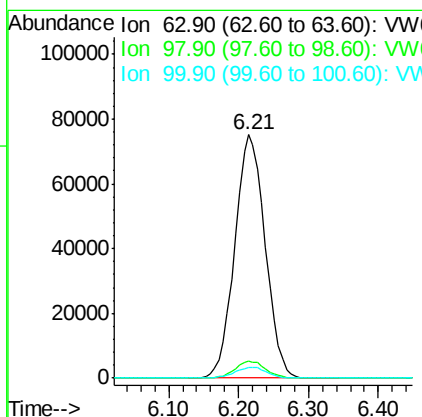
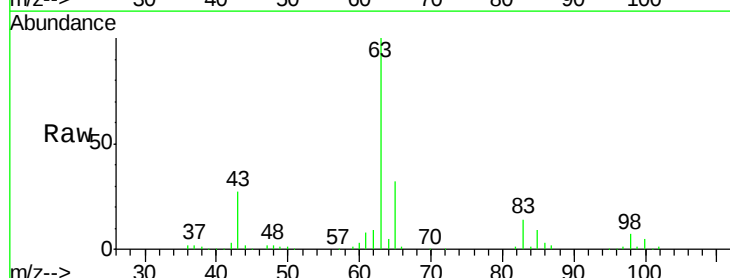
Tgt Ion: 63 Resp: 226134

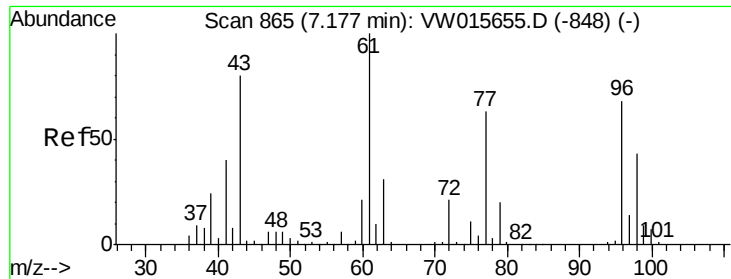
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 252.977 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

Tot Ion: 43 Resp: 172132

Ion Ratio Lower Upper

43 100

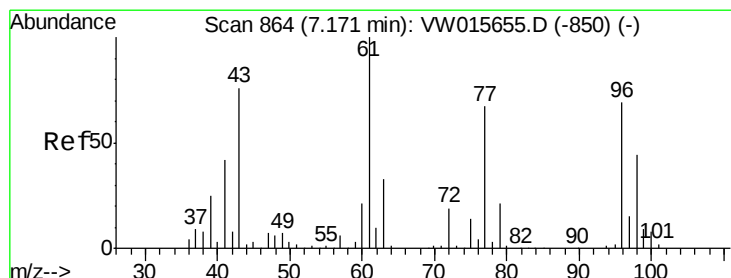
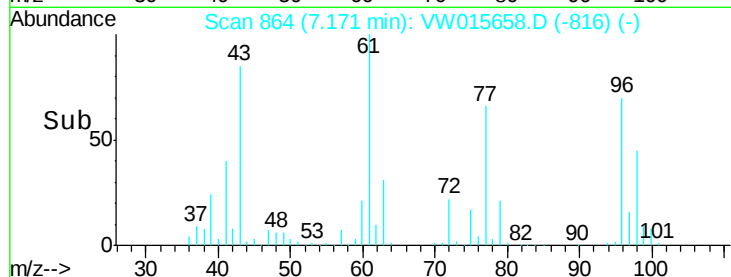
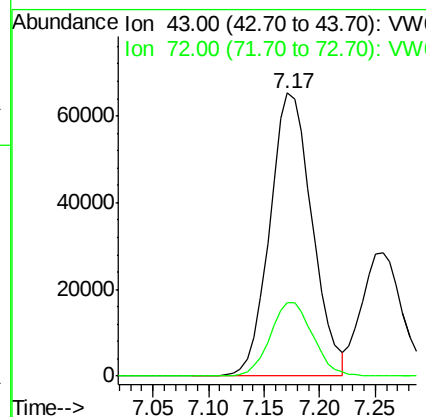
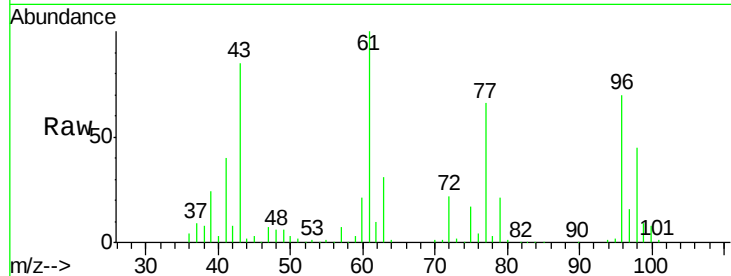
72 26.0 21.1 31.7

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#26

2,2-Dichloropropane

Concen: 46.787 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015658.D

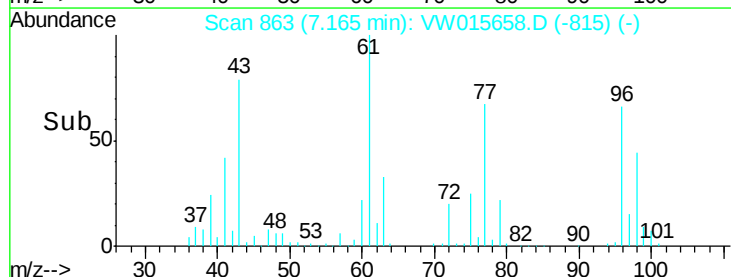
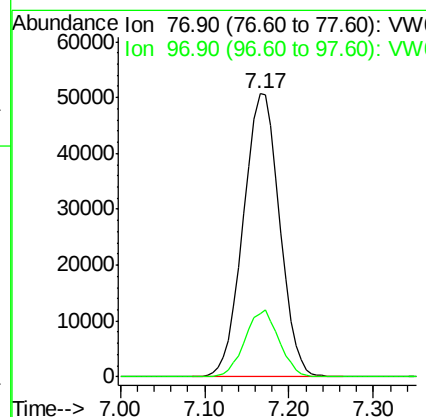
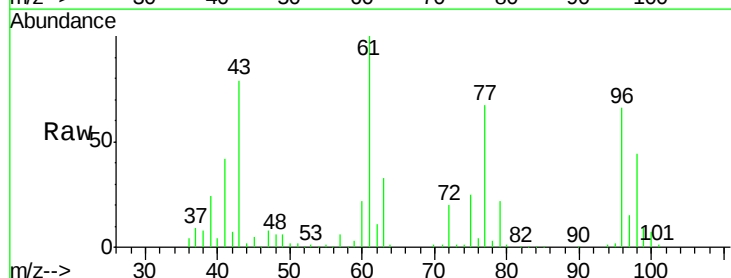
Acq: 23 Jun 2020 13:29

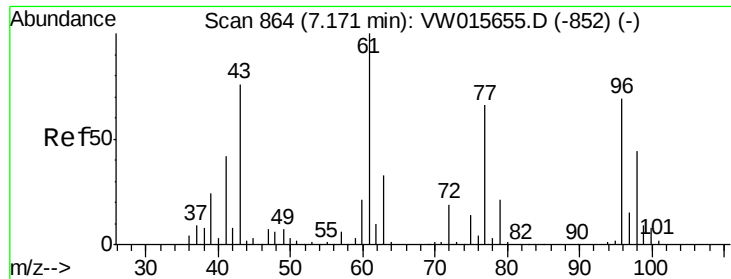
Tgt Ion: 77 Resp: 147989

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.5





#27

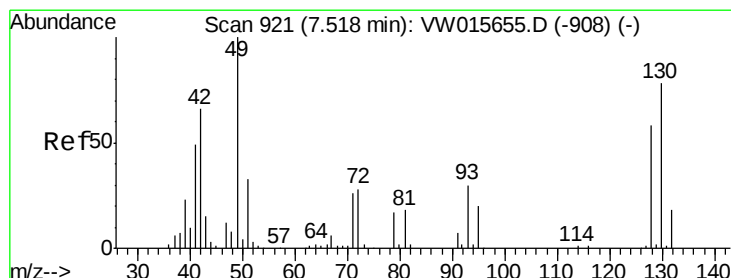
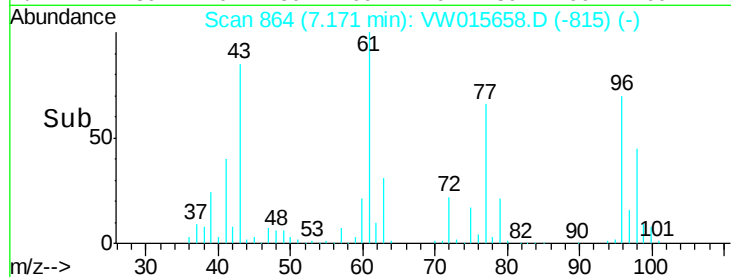
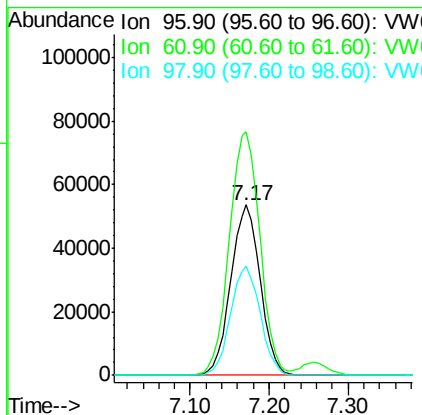
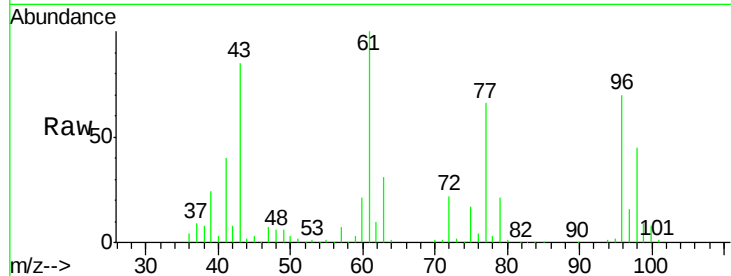
cis-1,2-Dichloroethene
Concen: 48.452 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	Ratio	Resp	Lower	Upper
96	100	138747		
61	149.1	0.0	296.8	
98	64.9	0.0	128.0	

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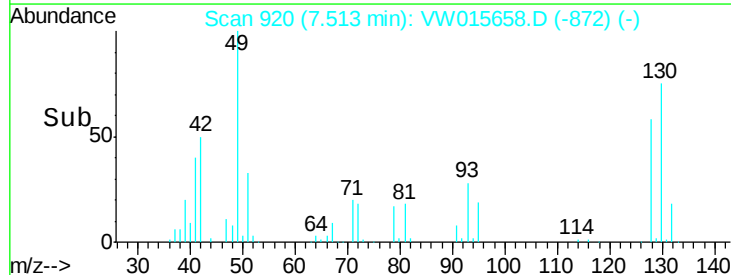
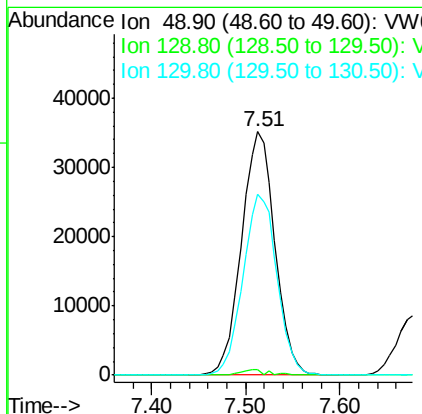
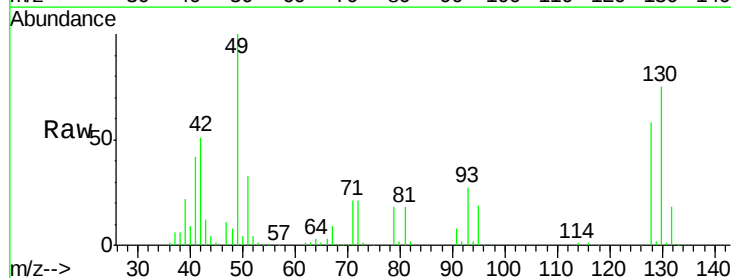
MMDadoda
6/24/2020 10:58:20 AM

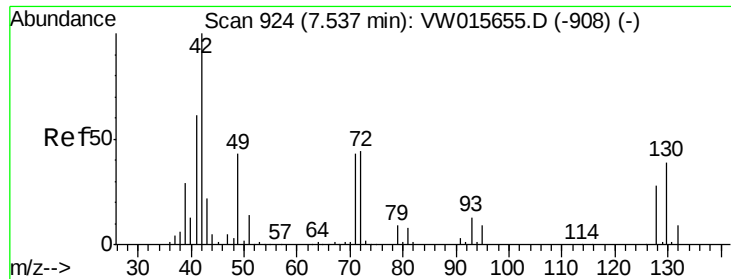


#28

Bromochloromethane
Concen: 48.240 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	87510		
129	1.7	0.0	2.2	
130	75.3	61.0	91.4	





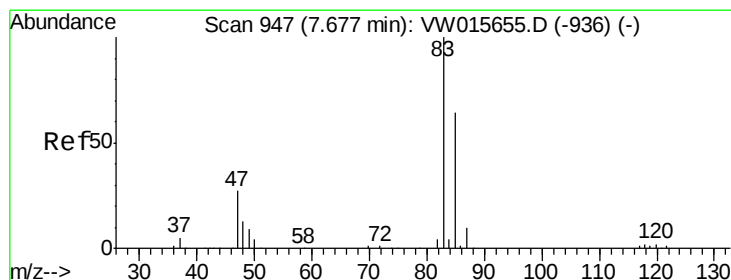
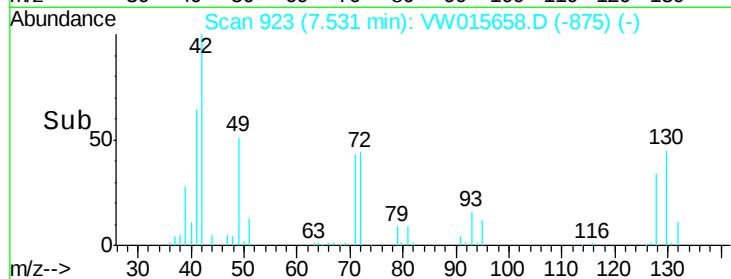
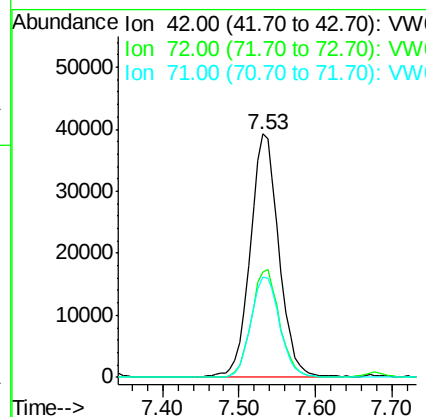
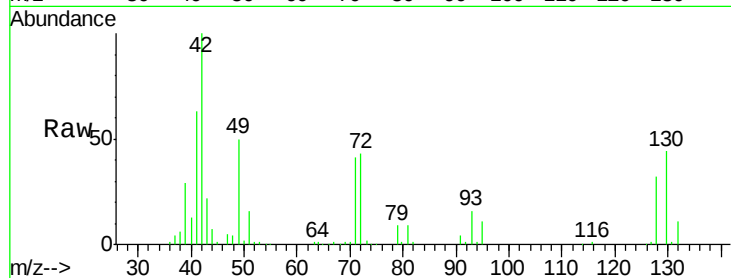
#29
Tetrahydrofuran
Concen: 256.099 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.0	52.6
71	41.5	32.6	49.0

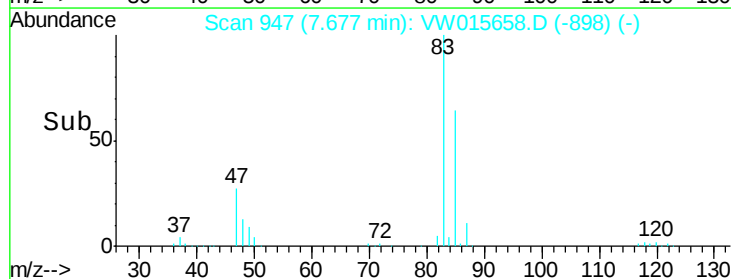
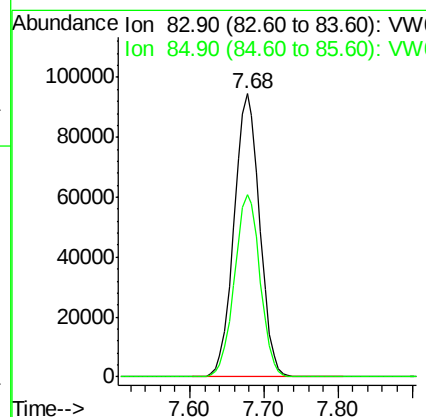
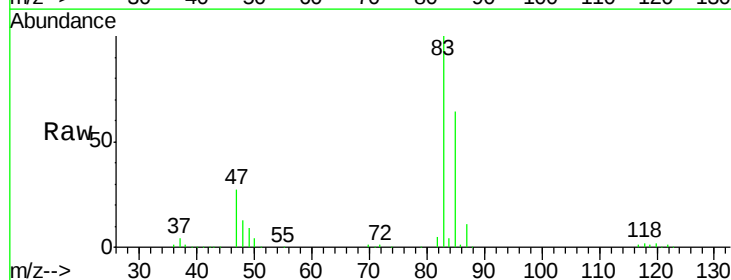
Manual Integrations
APPROVED

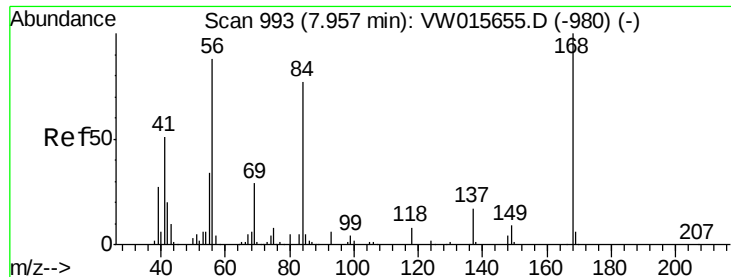
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#30
Chloroform
Concen: 47.015 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.0	76.4





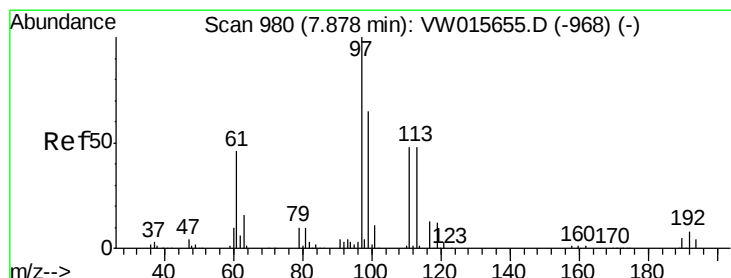
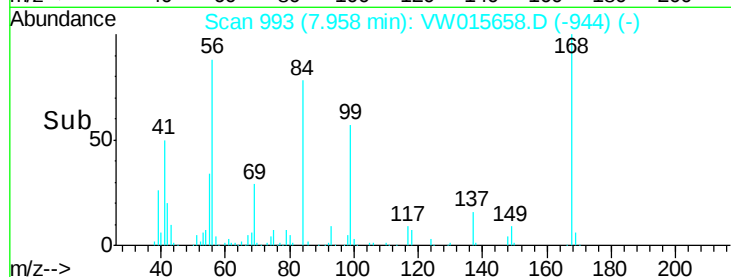
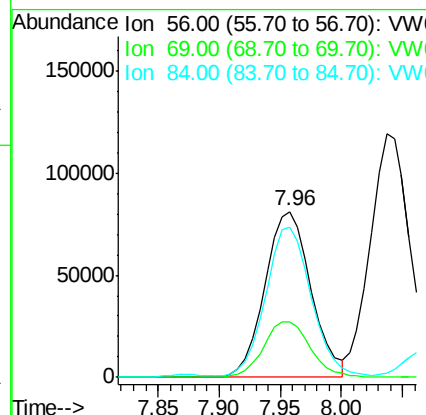
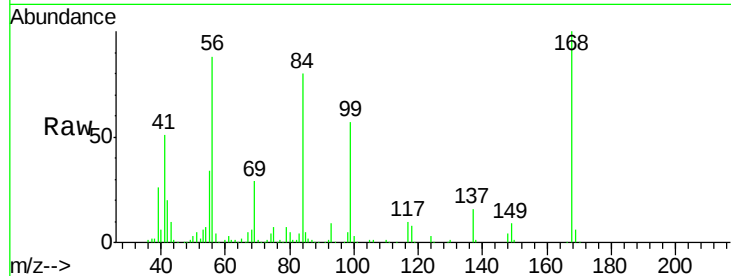
#31
Cyclohexane
Concen: 46.699 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	26.2	39.4
84	89.0	70.4	105.6

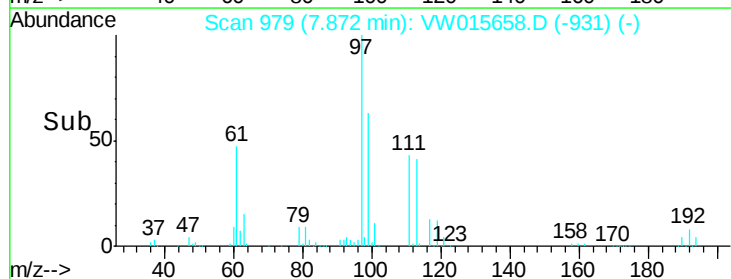
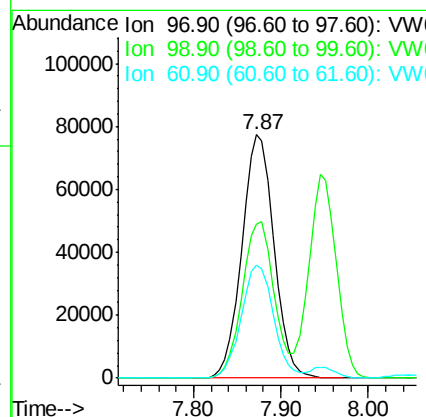
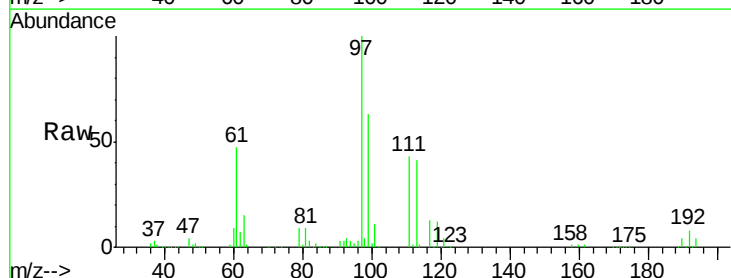
Manual Integrations
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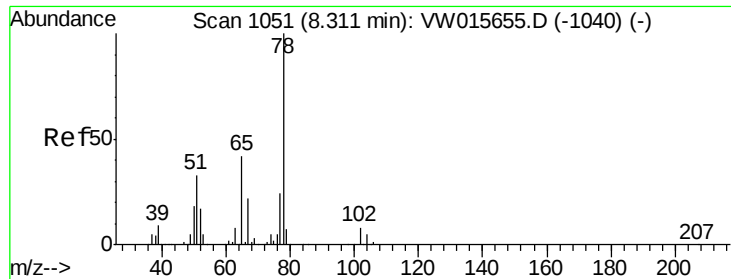
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 47.853 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.9	77.9
61	46.9	37.3	55.9





#33

1,2-Dichloroethane-d4

Concen: 47.052 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

Tot Ion: 65 Resp: 124608

Ion Ratio Lower Upper

65 100

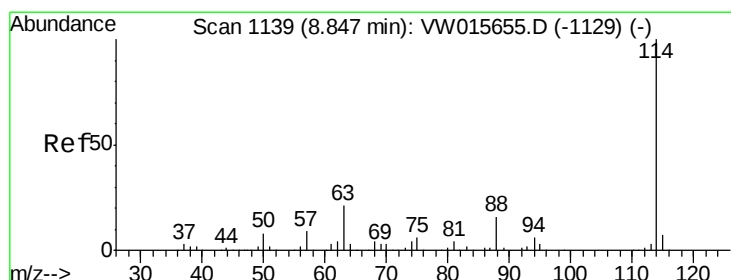
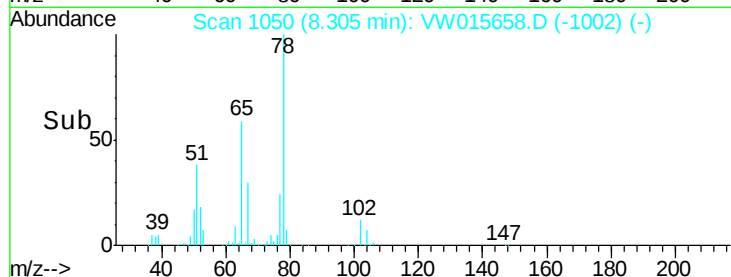
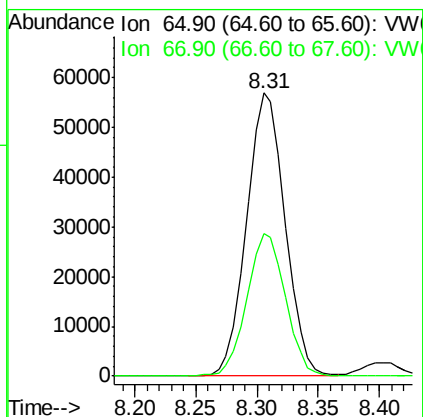
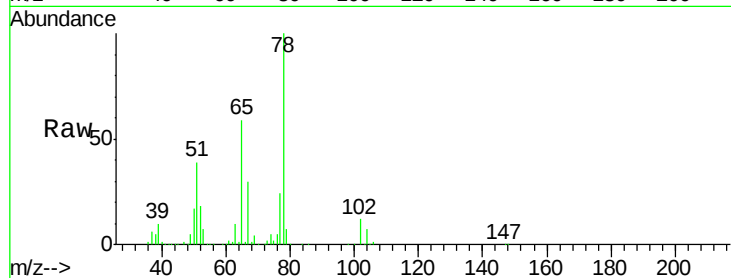
67 50.3 0.0 102.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

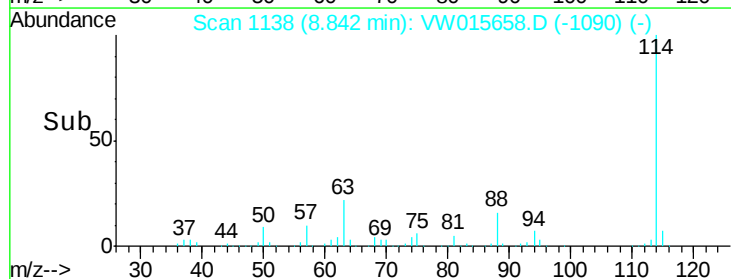
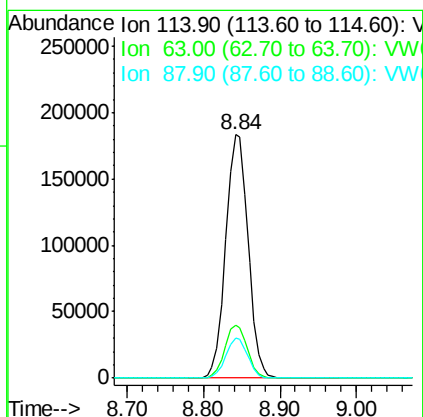
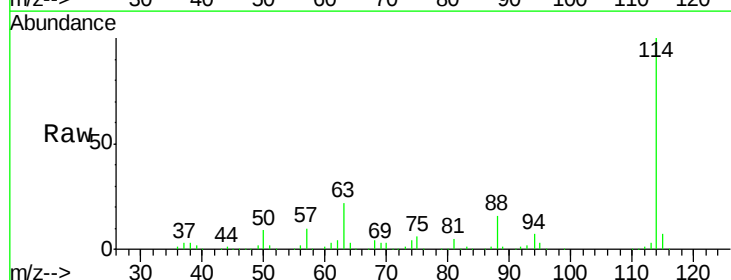
Tgt Ion: 114 Resp: 369645

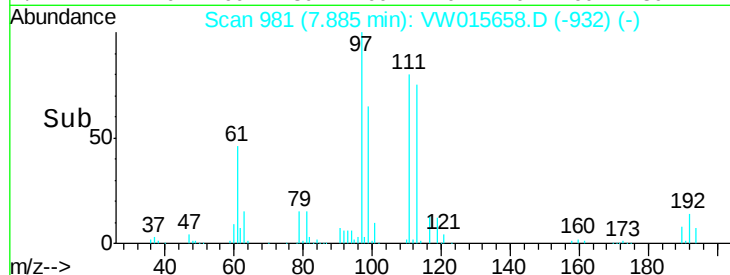
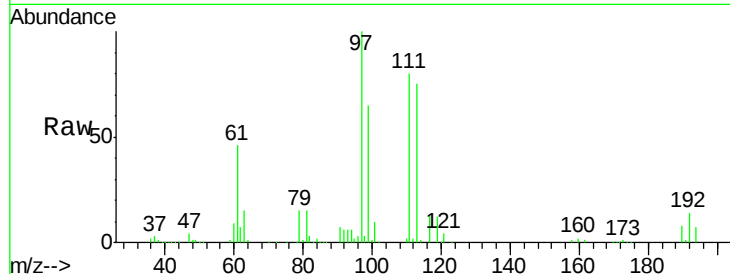
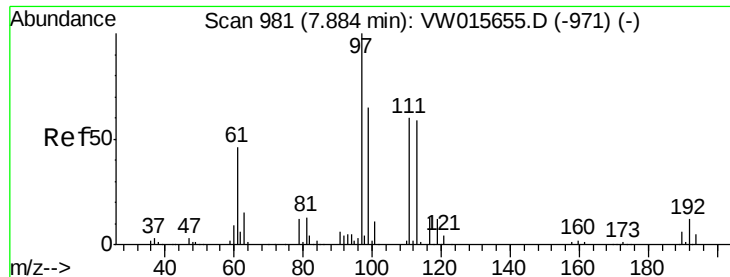
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

88 16.4 0.0 32.6





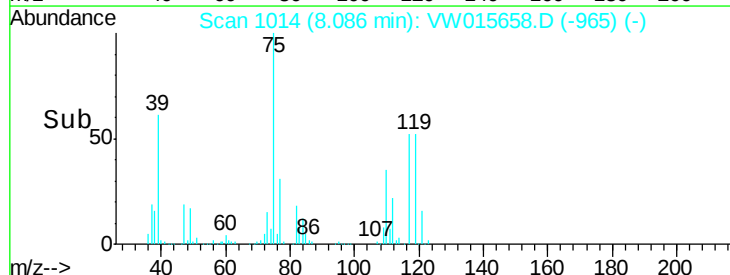
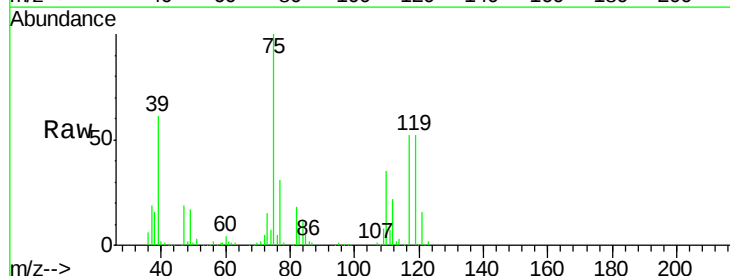
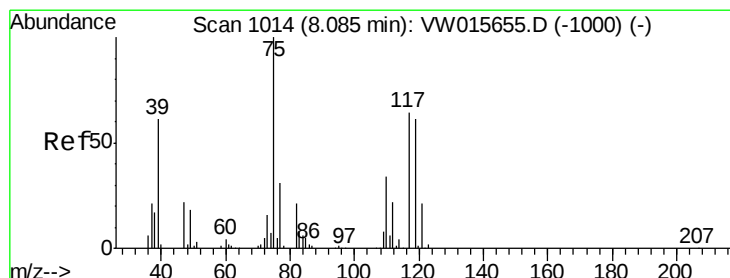
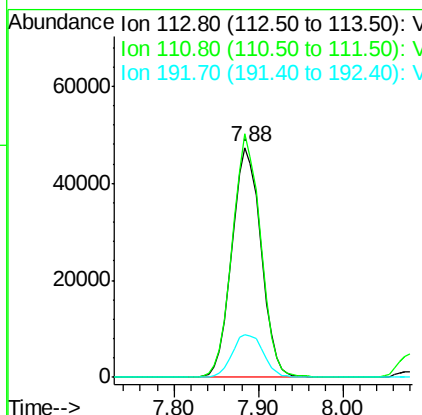
#35
Dibromofluoromethane
Concen: 47.599 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110677		
111	103.2	82.3	123.5	
192	19.8	16.4	24.6	

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

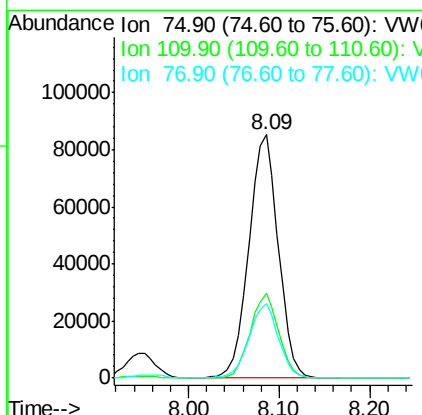
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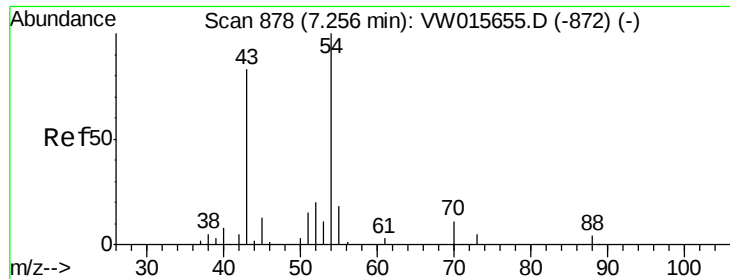
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#36
1,1-Dichloropropene
Concen: 49.579 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	190616		
110	33.9	17.0	51.0	
77	30.5	24.6	36.8	





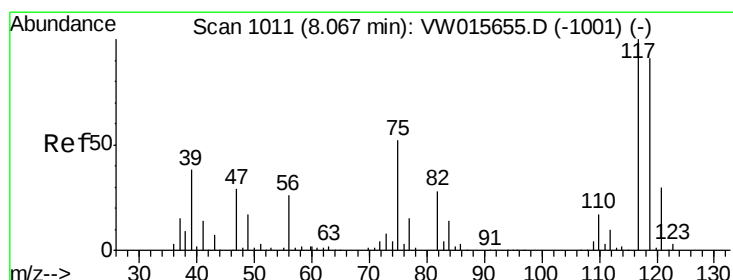
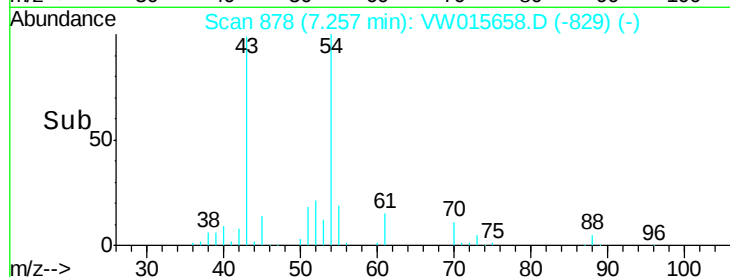
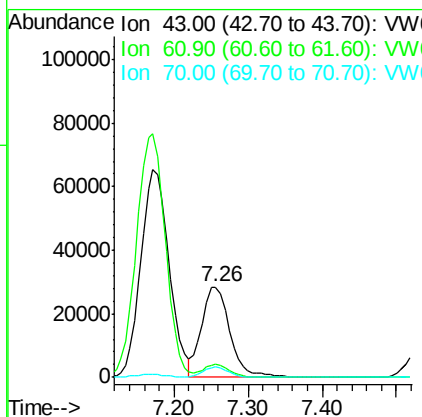
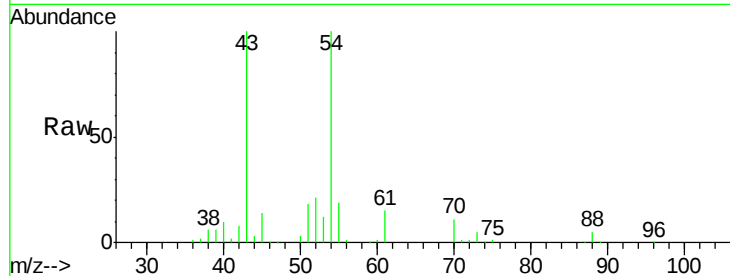
#37
Ethyl Acetate
Concen: 50.707 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	43	Resp	74437
Ion Ratio	100	Lower	Upper
43	100		
61	13.7	10.4	15.6
70	10.6	8.4	12.6

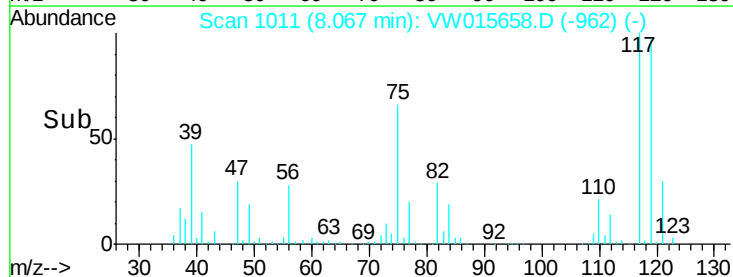
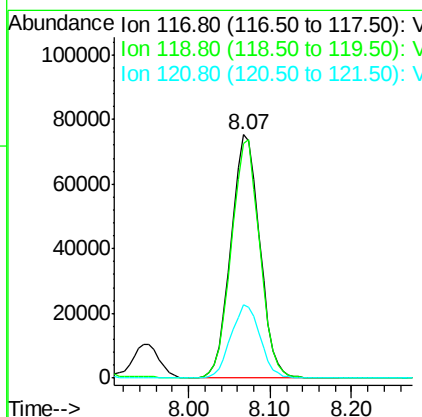
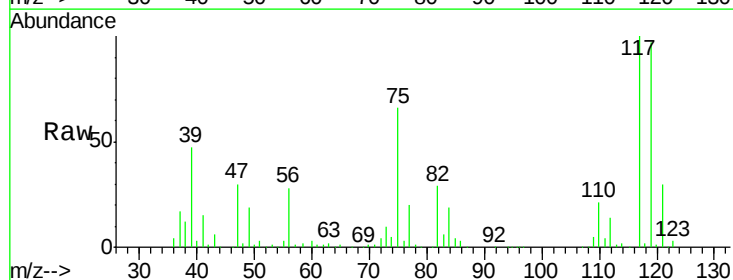
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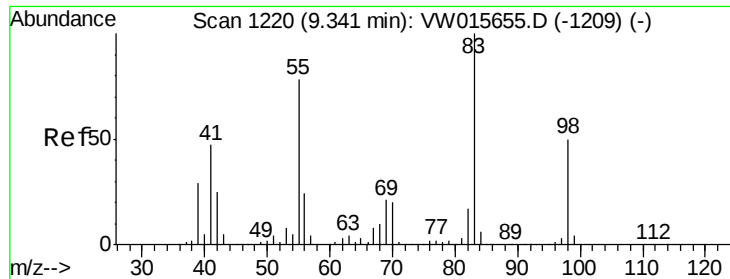
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6/24/2020 10:58:20 AM



#38
Carbon Tetrachloride
Concen: 49.189 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	117	Resp	183320
Ion Ratio	100	Lower	Upper
117	100		
119	96.5	73.2	109.8
121	30.1	23.9	35.9





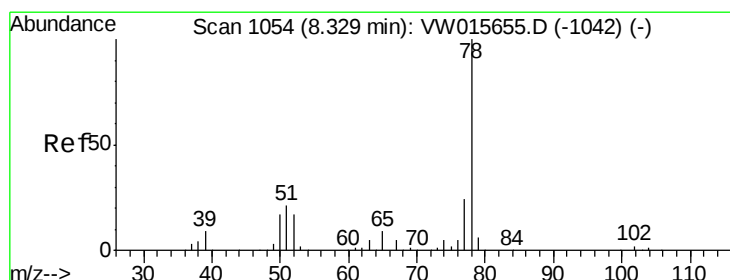
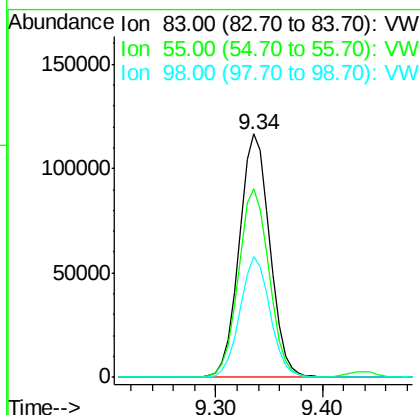
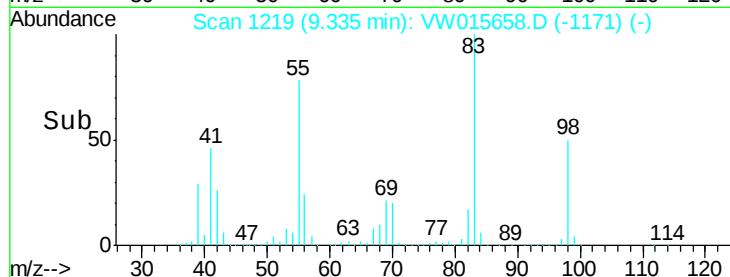
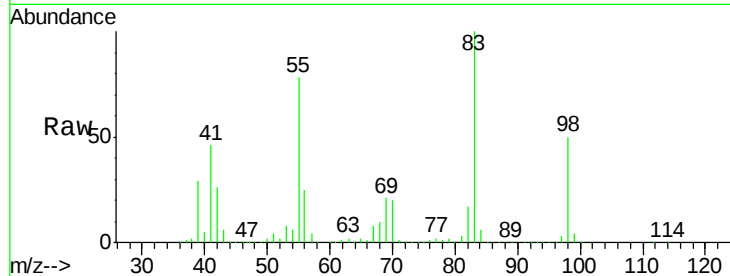
#39
Methvlcvclohexane
Concen: 50.632 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	Ratio	Resp	Lower	Upper
83	100	235782		
55	77.7	62.8	94.2	
98	49.6	39.9	59.9	

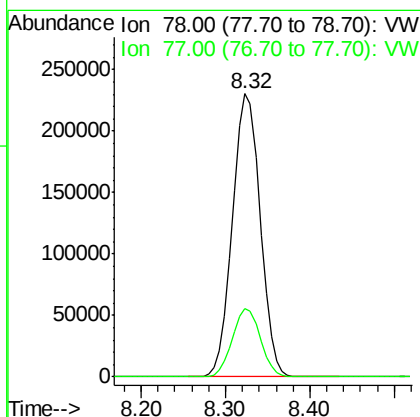
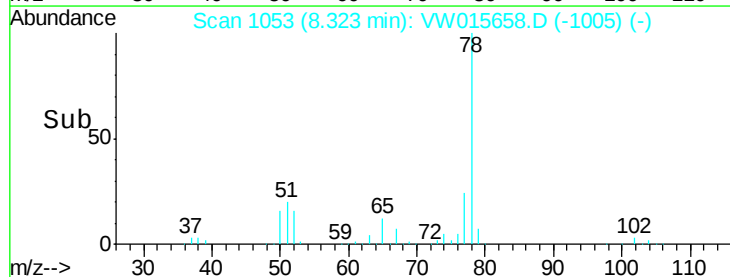
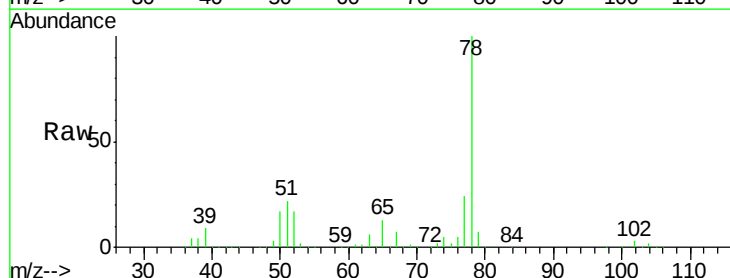
Manual Integrations
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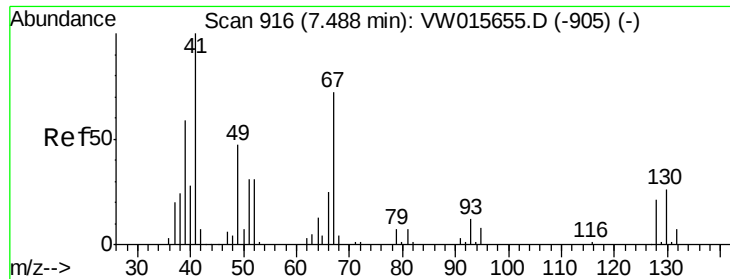
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#40
Benzene
Concen: 49.072 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	512996		
77	23.9	19.3	28.9	





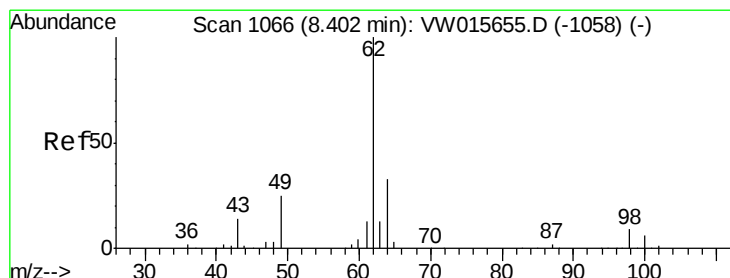
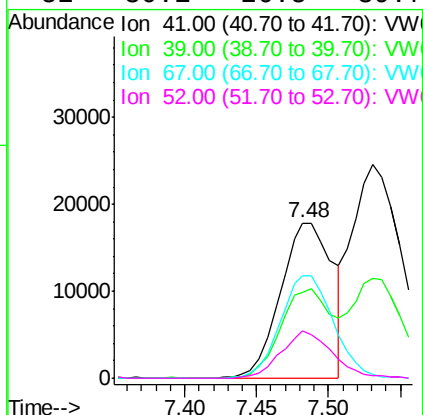
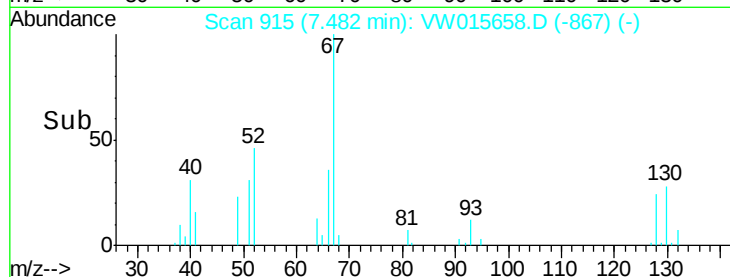
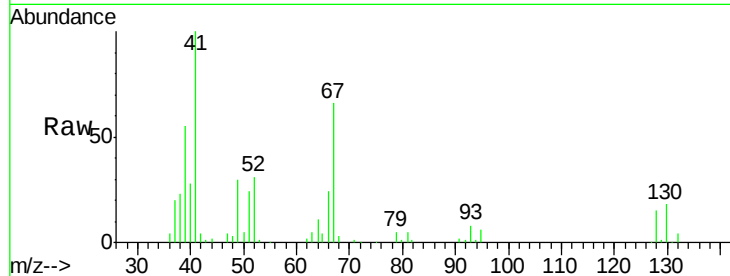
#41
Methacrylonitrile
Concen: 53.322 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	41	Resp	44924
Ion	Ratio	Lower	Upper
41	100		
39	56.7	52.0	78.0
67	67.4	57.5	86.3
52	30.1	26.5	39.7

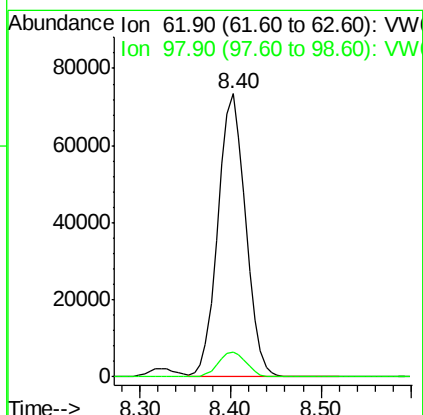
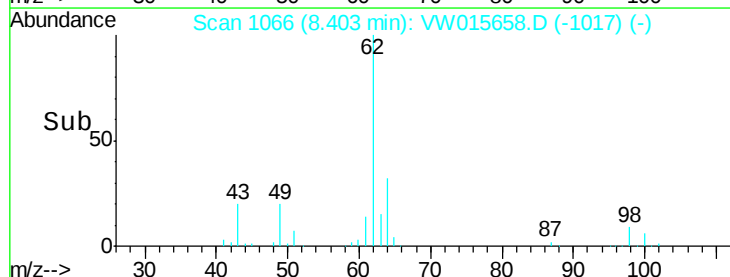
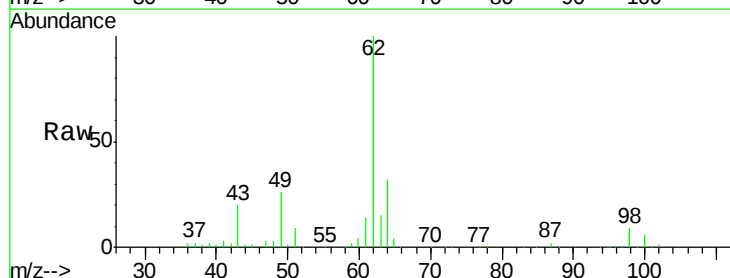
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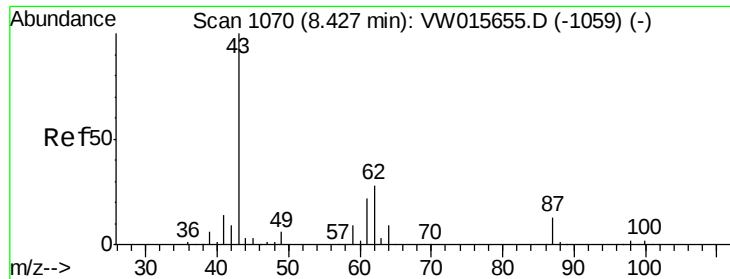
MMDadoda
6/24/2020 10:58:20 AM



#42
1,2-Dichloroethane
Concen: 48.405 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	62	Resp	156547
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.4





#43

Isopropyl Acetate

Concen: 51.118 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

Tot Ion: 43 Resp: 149749

Ion Ratio Lower Upper

43 100

61 30.5 24.7 37.1

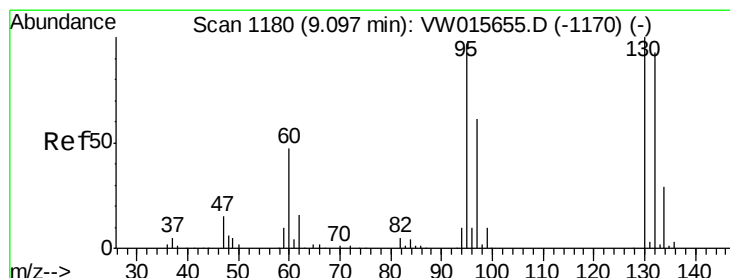
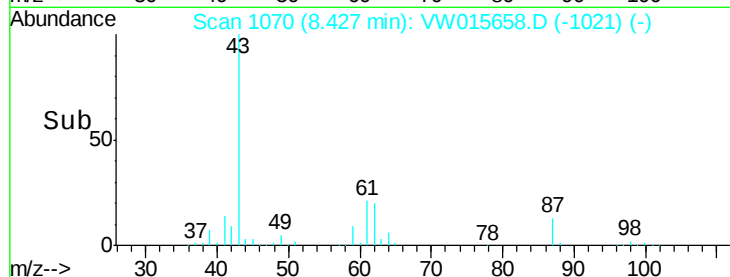
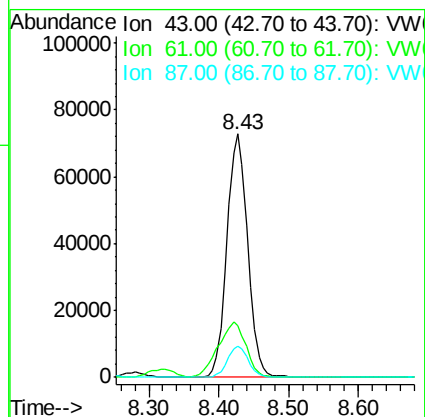
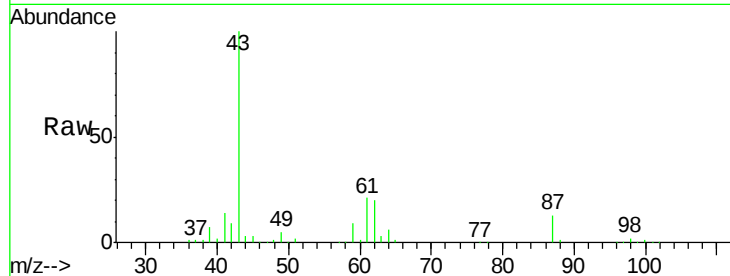
87 12.9 10.2 15.2

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#44

Trichloroethene

Concen: 48.787 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW015658.D

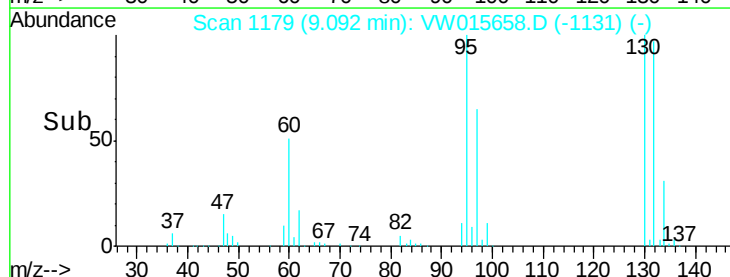
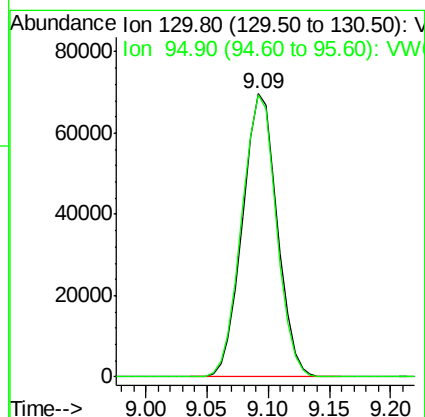
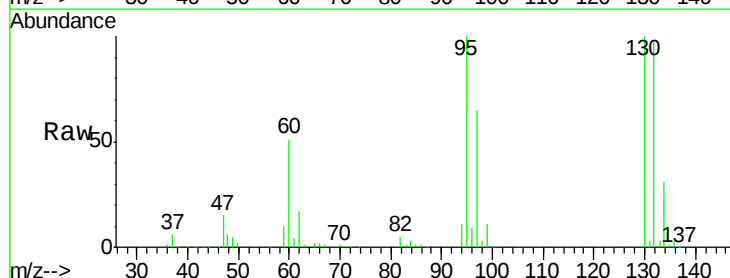
Acq: 23 Jun 2020 13:29

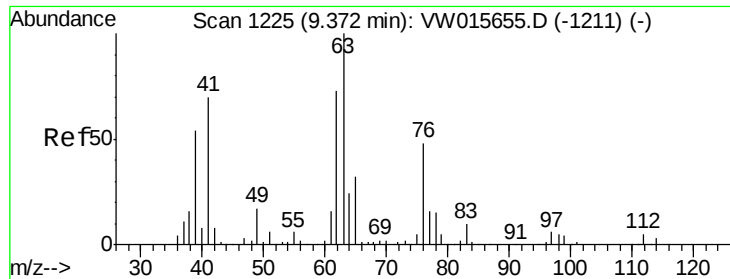
Tgt Ion: 130 Resp: 137468

Ion Ratio Lower Upper

130 100

95 99.5 0.0 194.4





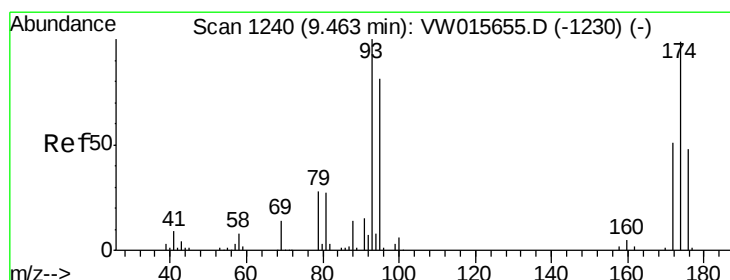
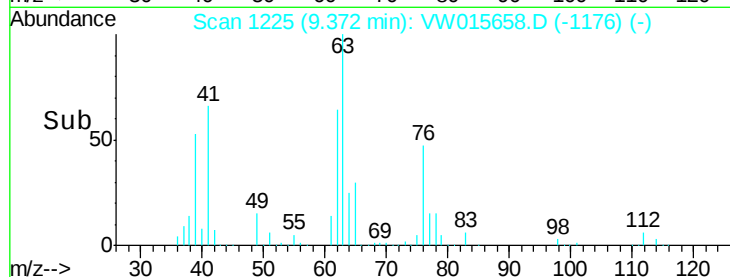
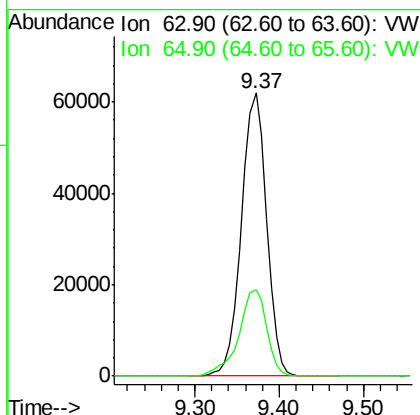
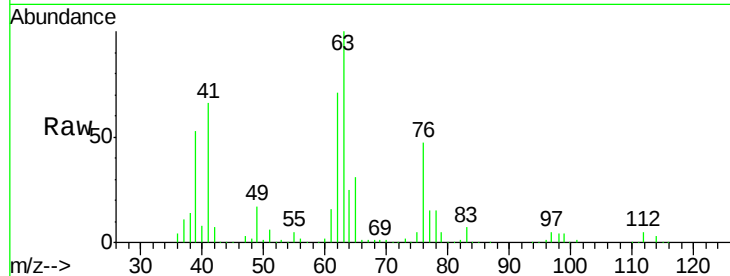
#45
 1,2-Dichloropropane
 Concen: 48.515 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

Tot Ion: 63 Resp: 123969
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.3 37.9

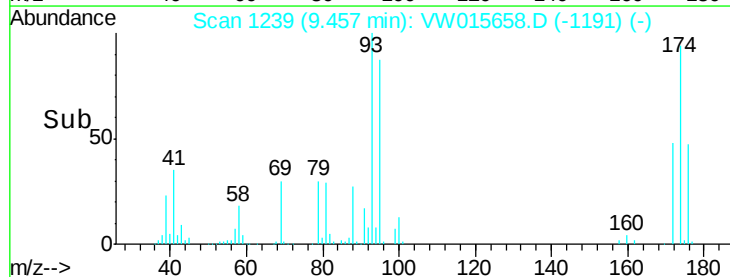
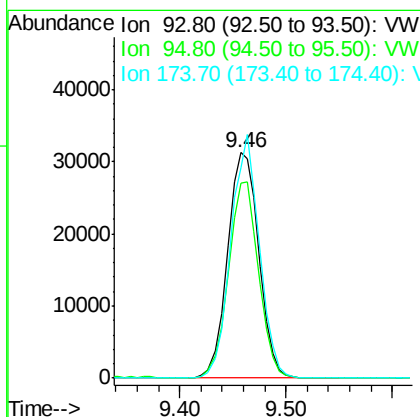
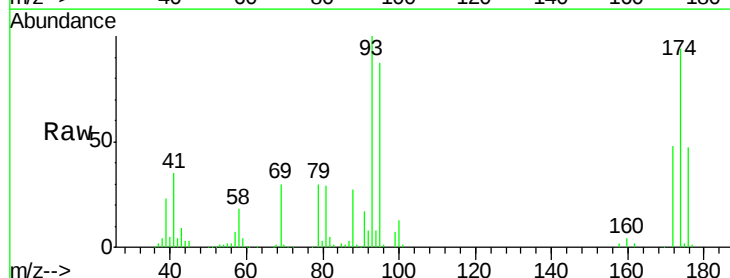
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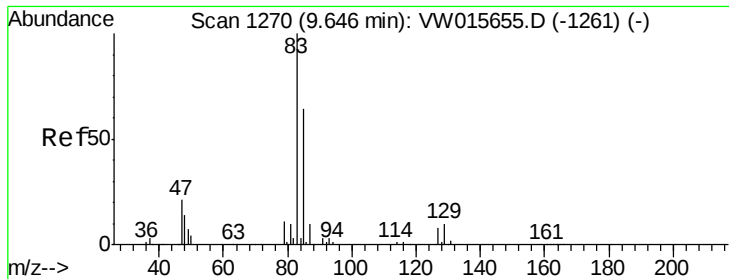
MMDadoda
 6/24/2020 10:58:20 AM



#46
 Dibromomethane
 Concen: 48.484 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Tgt Ion: 93 Resp: 64100
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.7 98.5
 174 98.8 79.0 118.6





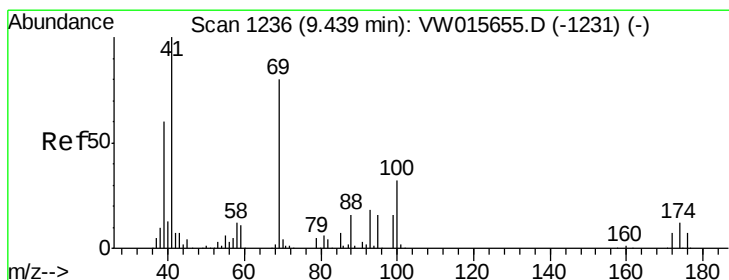
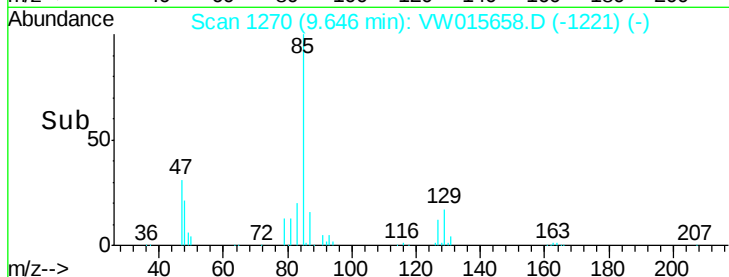
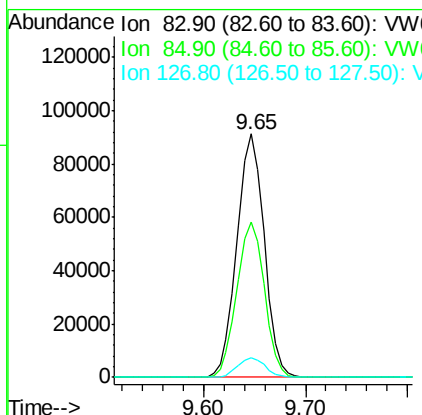
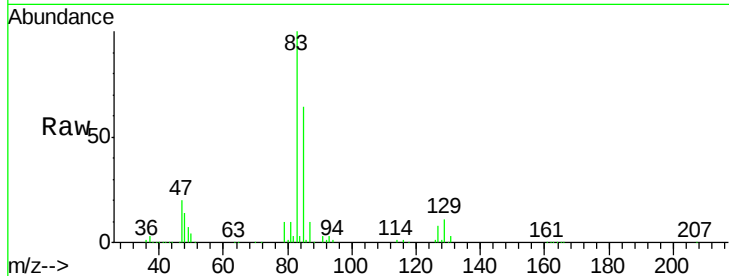
#47
Bromodichloromethane
Concen: 49.029 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	Ratio	Resp	Lower	Upper
83	100	169081		
85	63.6	50.8	76.2	
127	7.9	6.3	9.5	

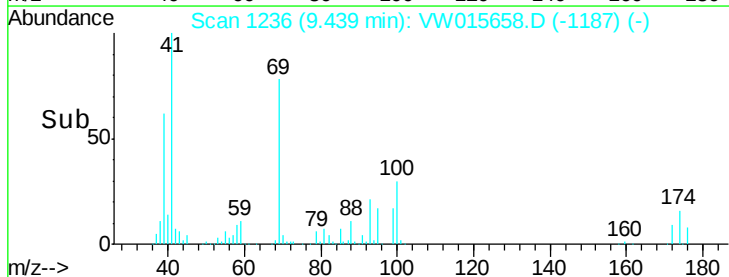
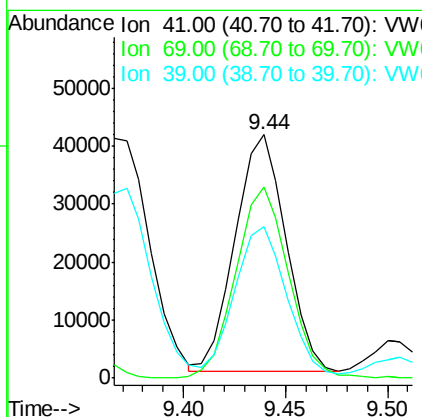
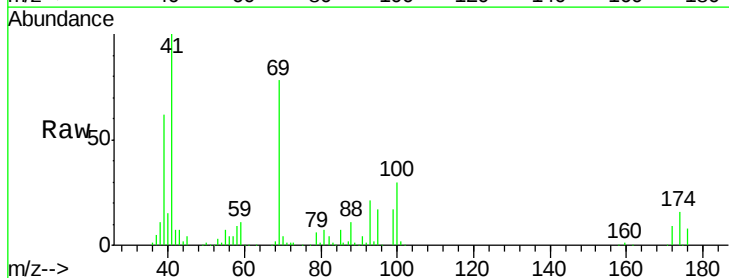
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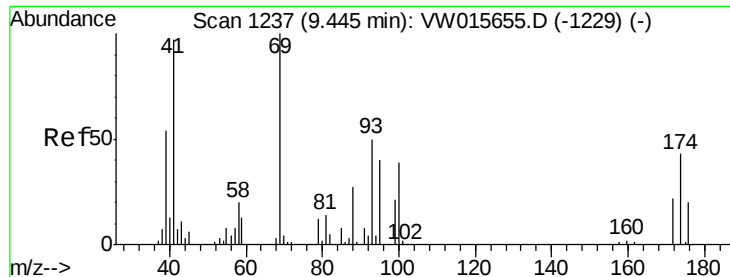
MMDadoda
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#48
Methyl methacrylate
Concen: 52.499 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	70313		
69	83.9	68.2	102.2	
39	62.7	49.8	74.6	





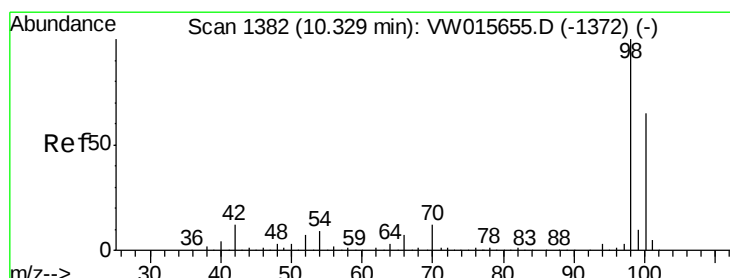
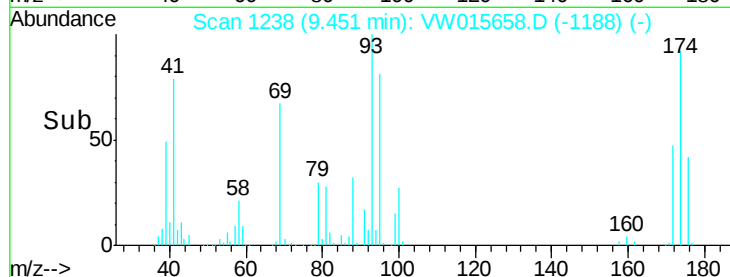
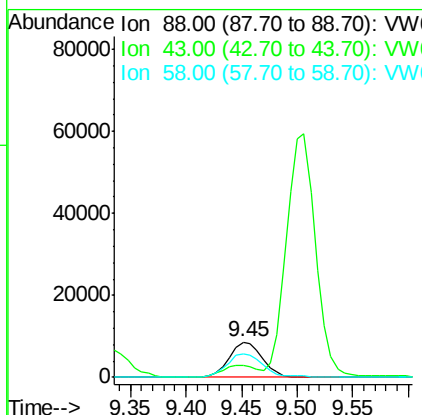
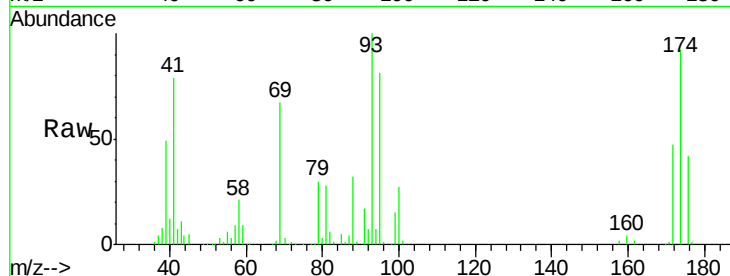
#49
1,4-Dioxane
Concen: 1029.834 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	Ratio	Resp	Lower	Upper
88	100	17861		
43	36.6		30.1	45.1
58	73.5		56.1	84.1

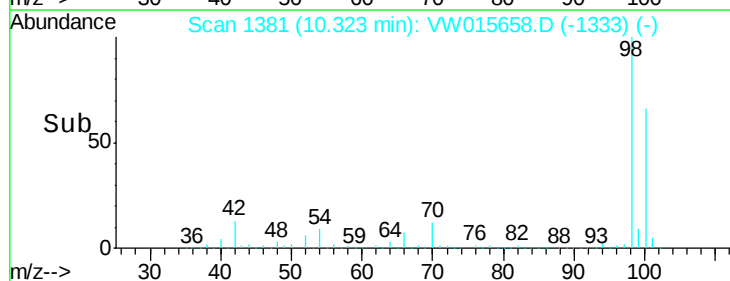
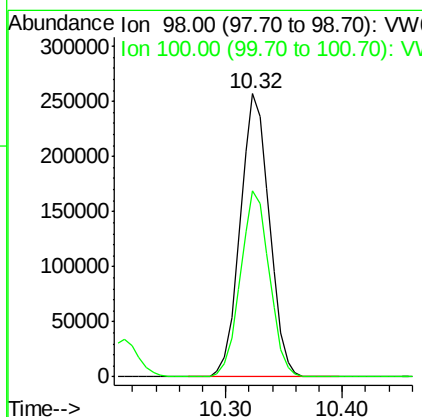
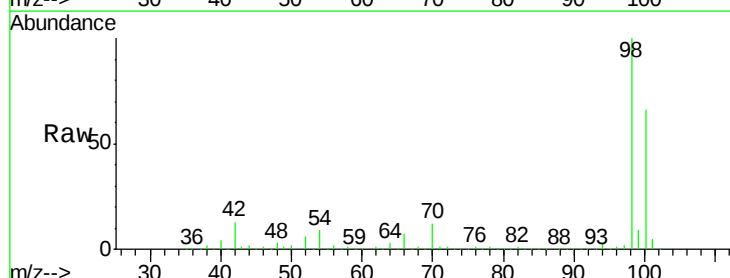
Manual Integrations
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6/24/2020 10:58:20 AM



#50
Toluene-d8
Concen: 48.954 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	447954		
100	65.3		52.8	79.2





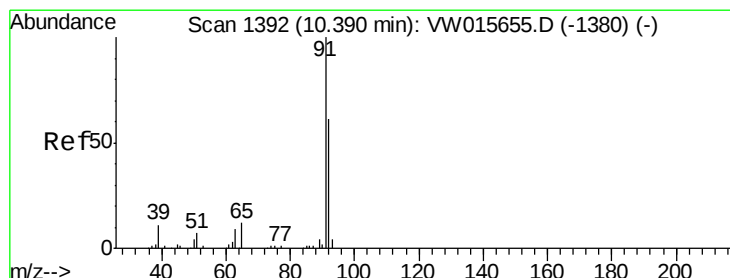
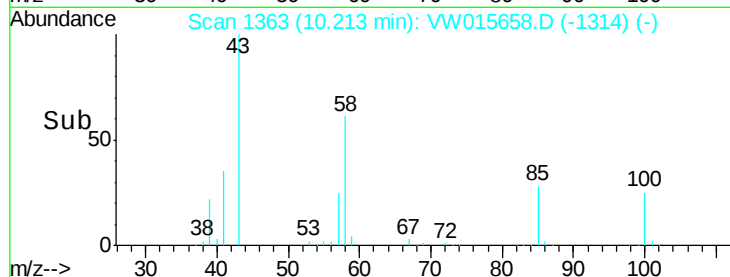
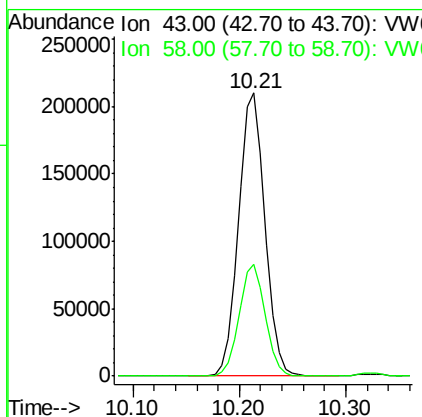
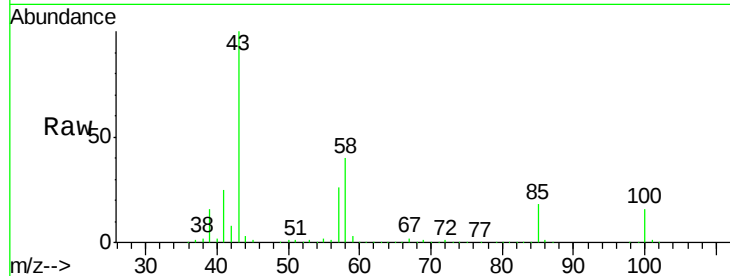
#51
4-Methyl-2-Pentanone
Concen: 258.904 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion: 43 Resp: 365765
Ion Ratio Lower Upper
43 100
58 39.1 31.2 46.8

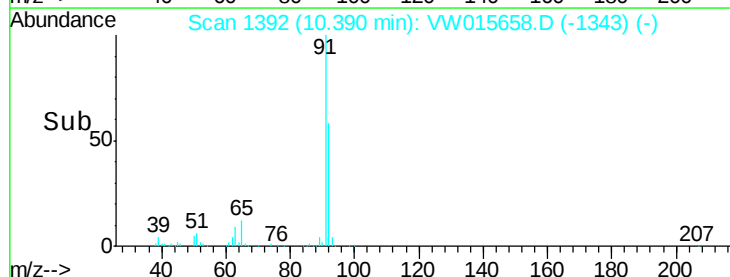
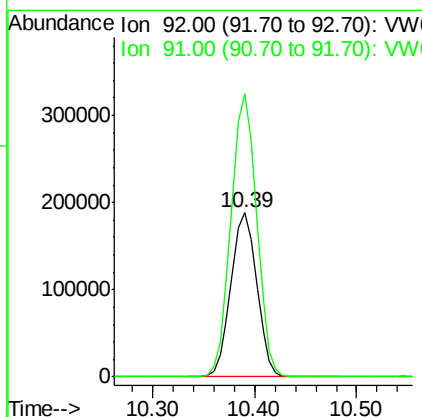
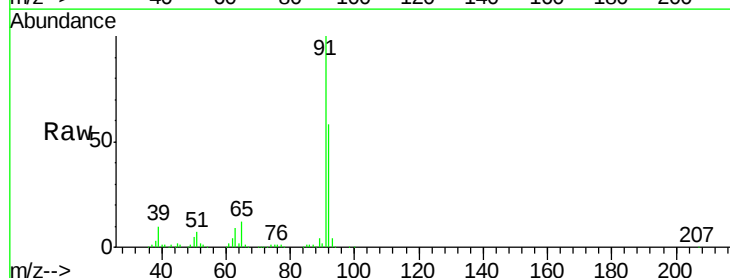
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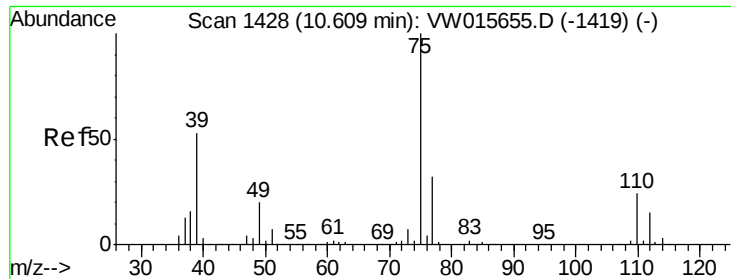
MMDadoda
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#52
Toluene
Concen: 49.098 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion: 92 Resp: 331424
Ion Ratio Lower Upper
92 100
91 170.2 135.5 203.3





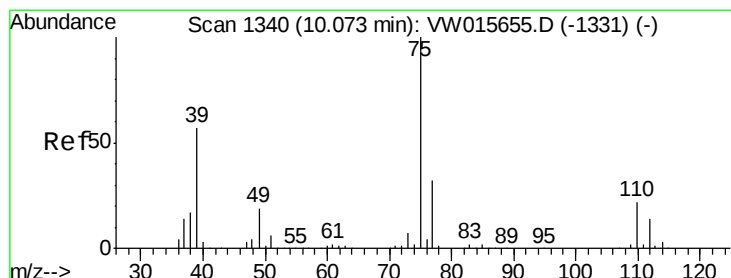
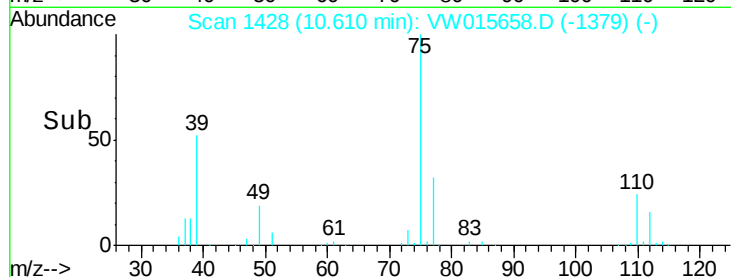
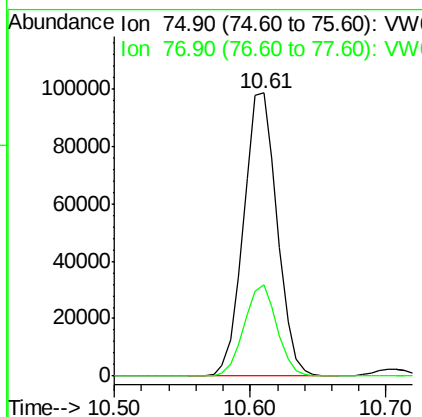
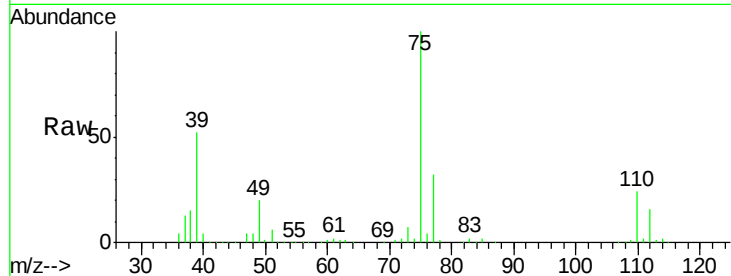
#53
t-1,3-Dichloropropene
Concen: 51.160 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion: 75 Resp: 170441
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9

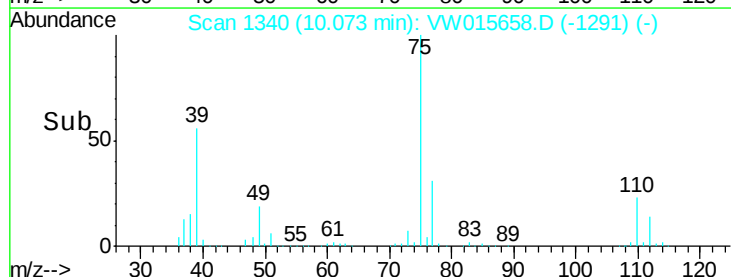
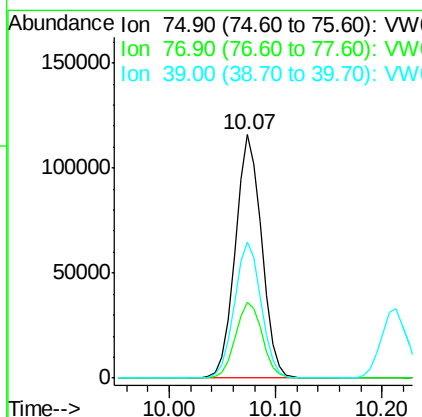
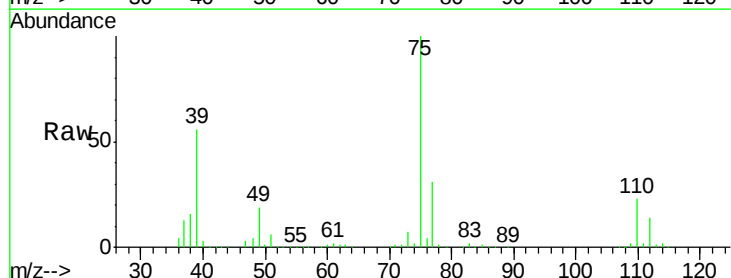
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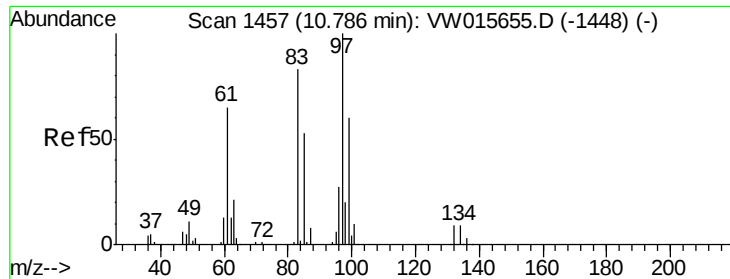
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#54
cis-1,3-Dichloropropene
Concen: 50.577 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion: 75 Resp: 201293
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2
39 56.0 45.8 68.6





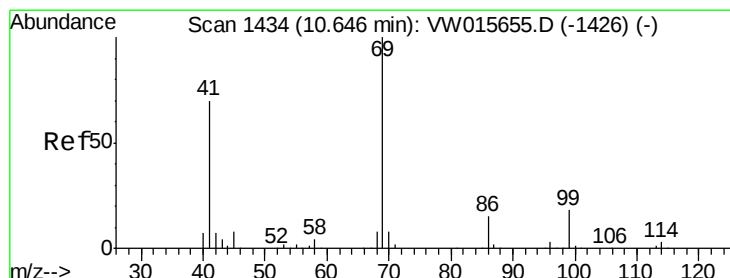
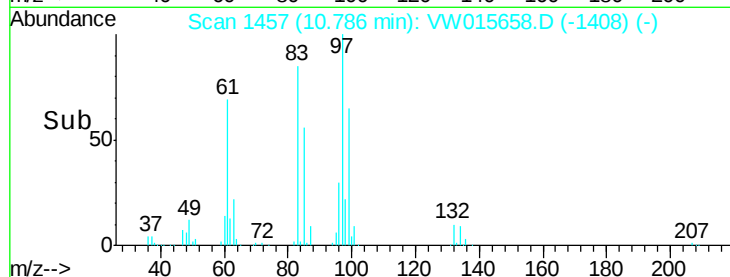
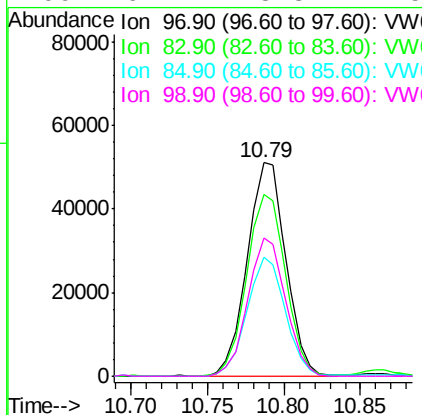
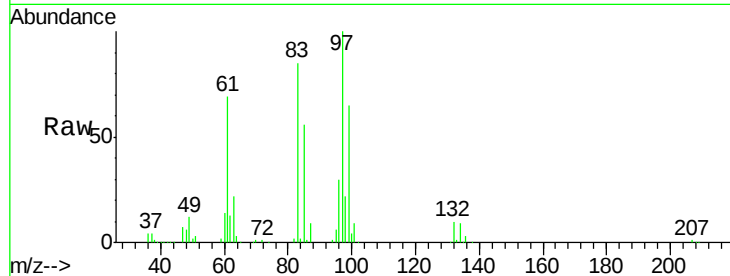
#55
 1,1,2-Trichloroethane
 Concen: 48.687 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

Tot Ion:	97	Resp:	89496
Ion	Ratio	Lower	Upper
97	100		
83	85.2	66.3	99.5
85	55.9	42.5	63.7
99	64.7	48.3	72.5

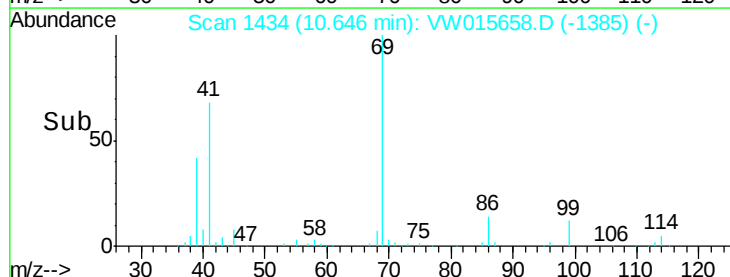
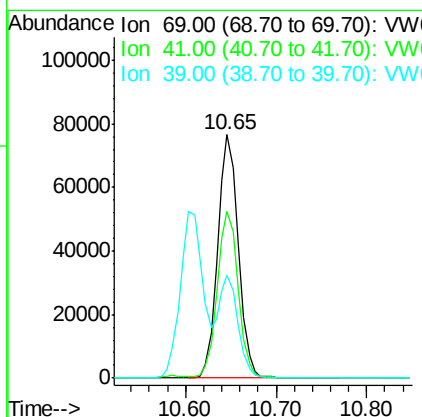
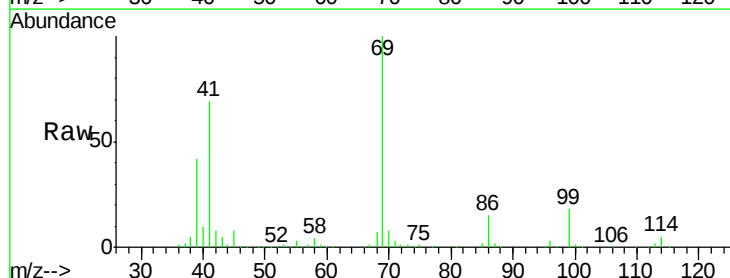
Manual Integrations
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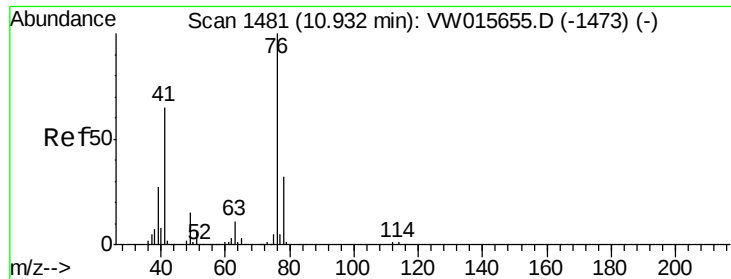
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#56
 Ethyl methacrylate
 Concen: 53.220 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Tgt Ion:	69	Resp:	121723
Ion	Ratio	Lower	Upper
69	100		
41	68.7	55.8	83.6
39	40.1	29.5	44.3





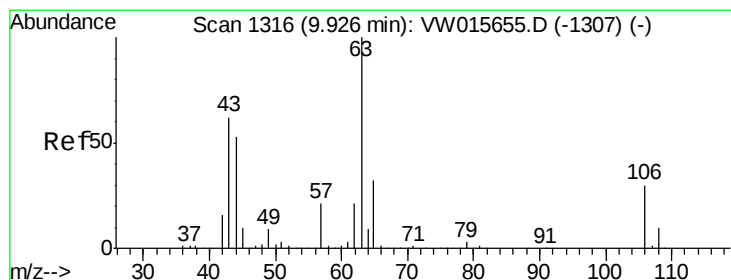
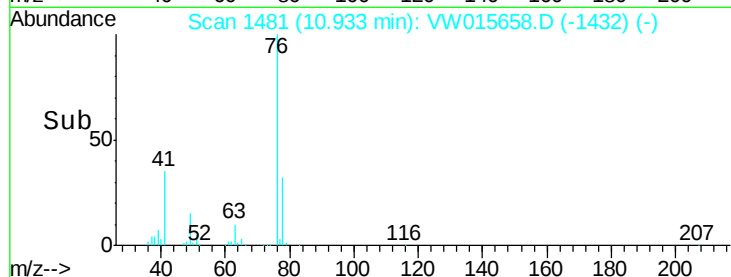
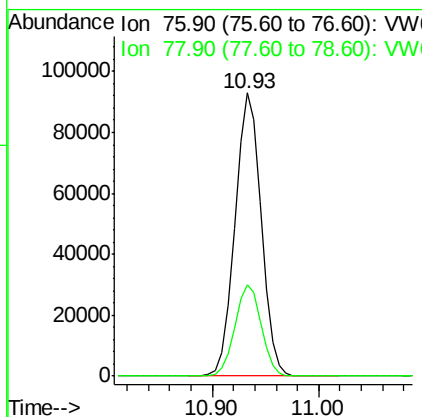
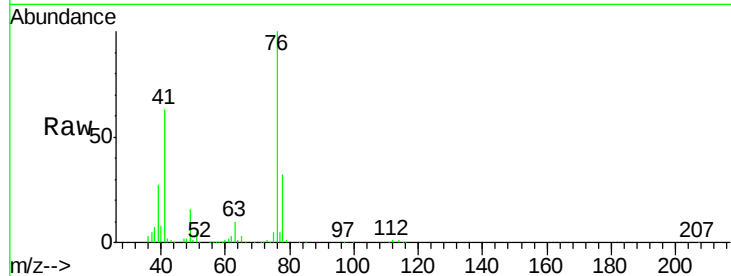
#57
 1,3-Dichloropropane
 Concen: 49.193 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.2

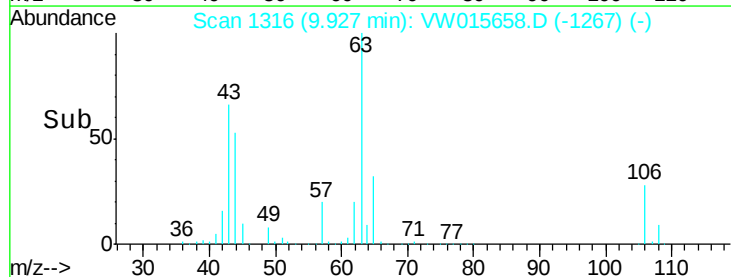
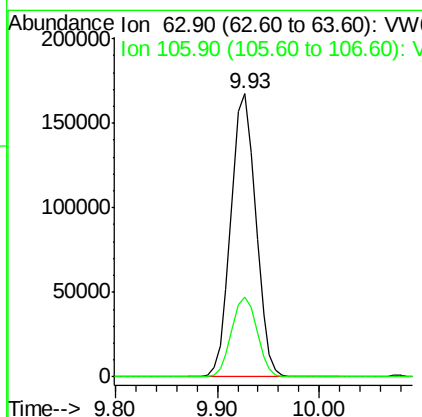
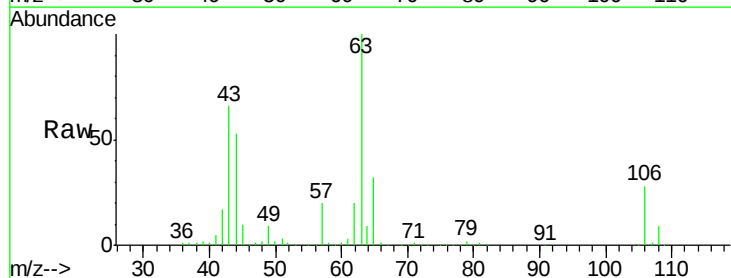
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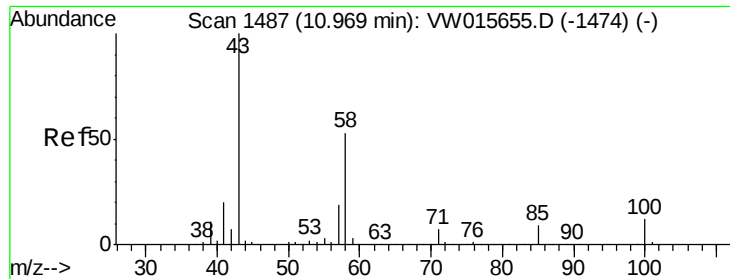
MMDadoda
 6/24/2020 10:58:20 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.892 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	23.3	34.9





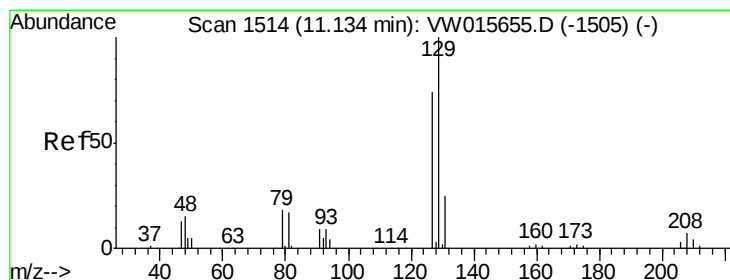
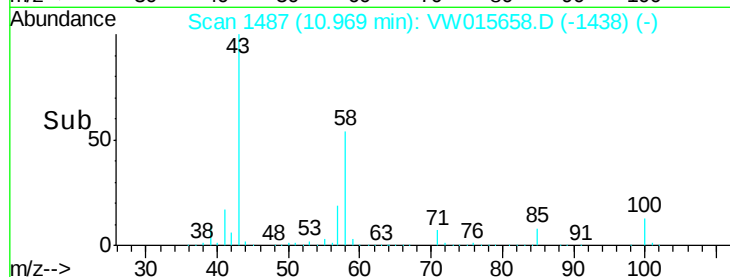
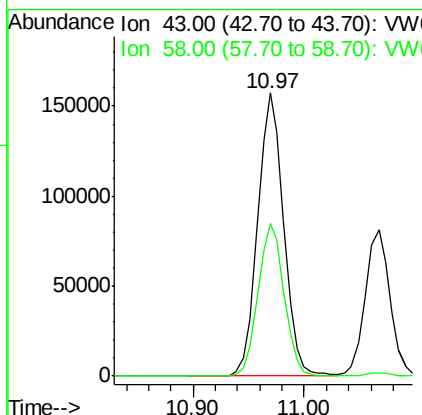
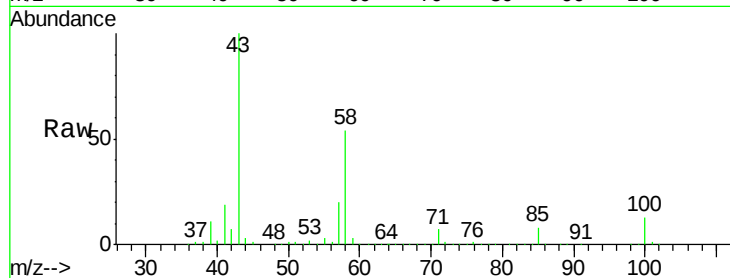
#59
2-Hexanone
Concen: 266.251 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion: 43 Resp: 256077
Ion Ratio Lower Upper
43 100
58 53.9 26.5 79.4

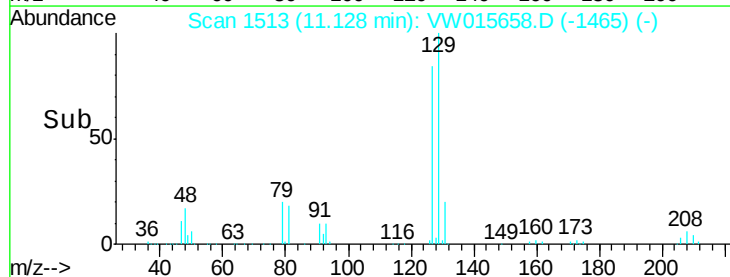
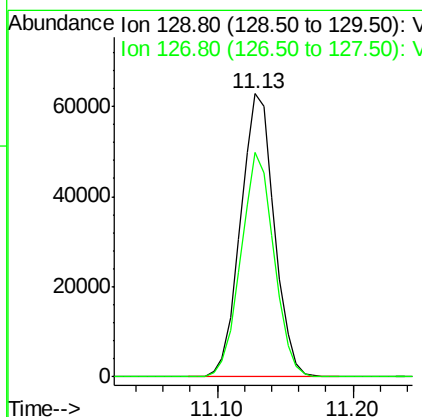
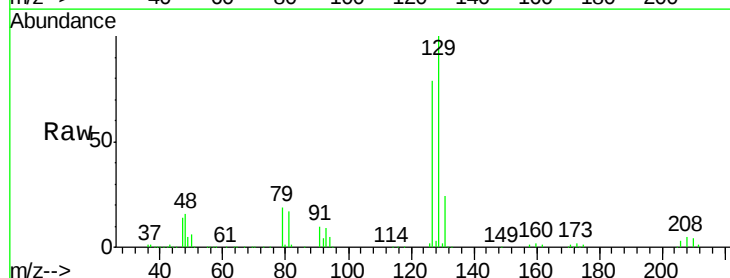
Manual Integrations
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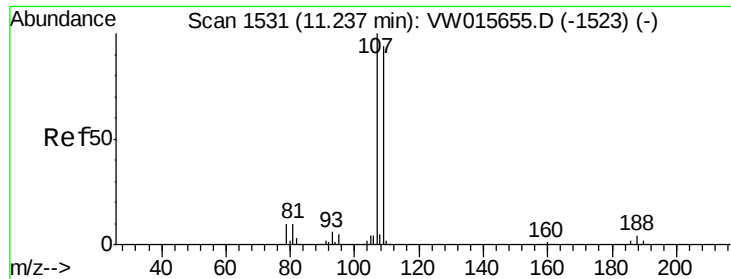
MMDadoda
6/24/2020 10:58:20 AM



#60
Dibromochloromethane
Concen: 50.720 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion: 129 Resp: 108647
Ion Ratio Lower Upper
129 100
127 77.6 38.0 114.1





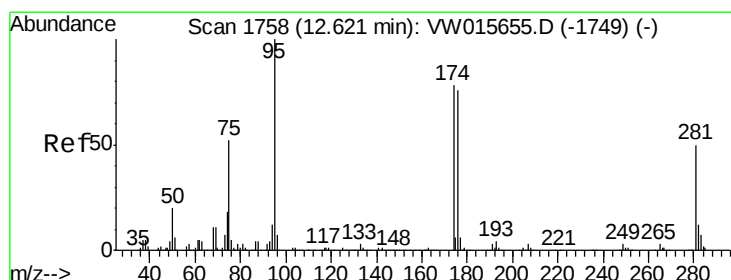
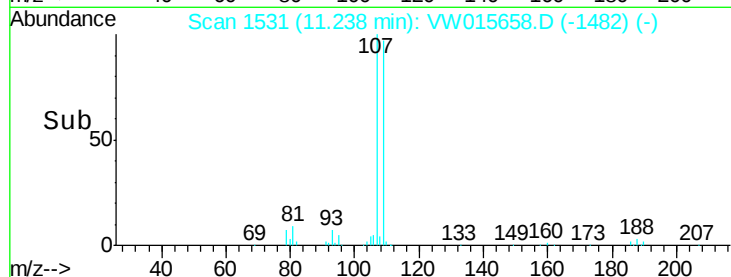
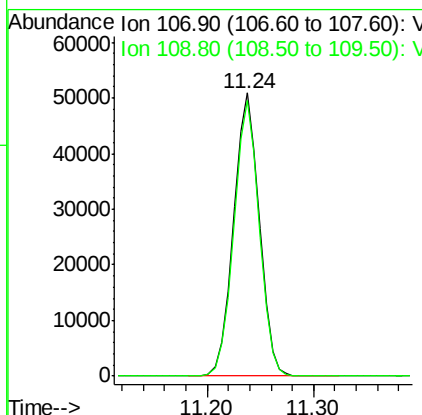
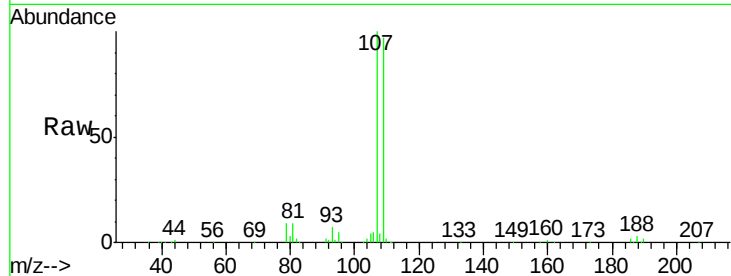
#61
 1,2-Dibromoethane
 Concen: 49.114 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

Tot Ion: 107 Resp: 86296
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.9 112.3

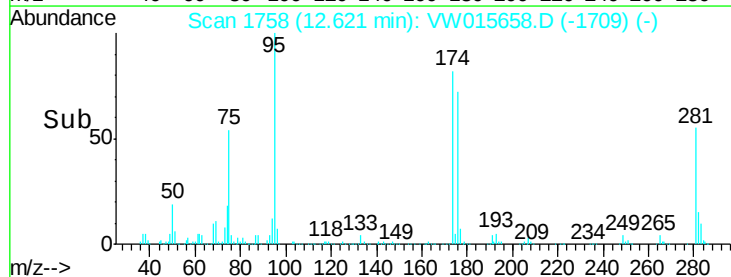
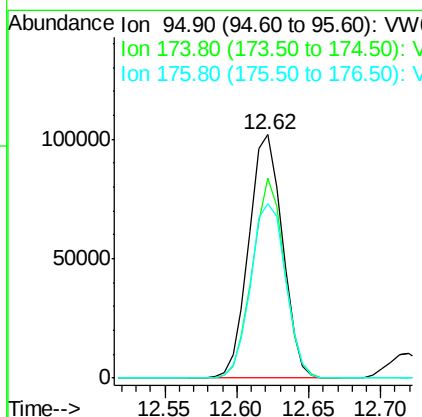
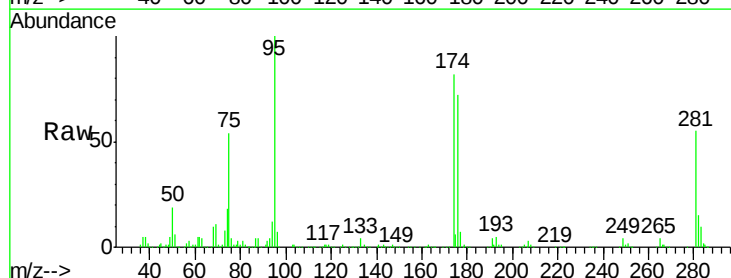
Manual Integrations
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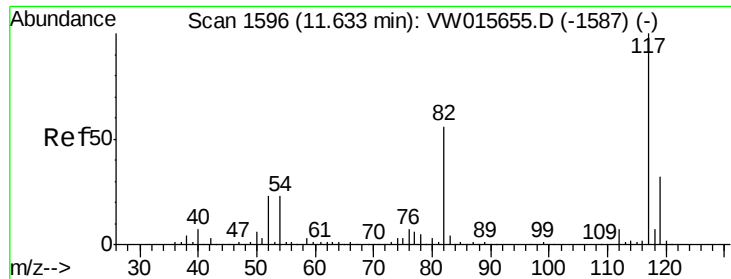
MMDadoda
 6/24/2020 10:58:20 AM



#62
 4-Bromofluorobenzene
 Concen: 49.002 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Tgt Ion: 95 Resp: 165130
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 157.0
 176 74.5 0.0 151.4





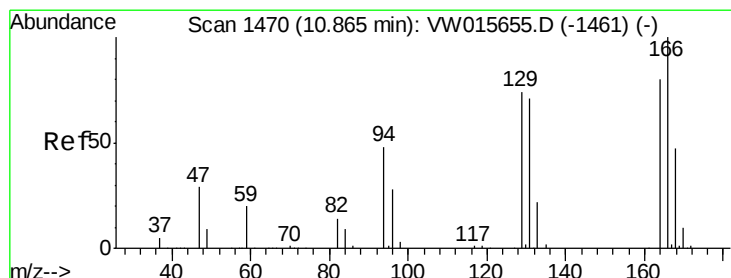
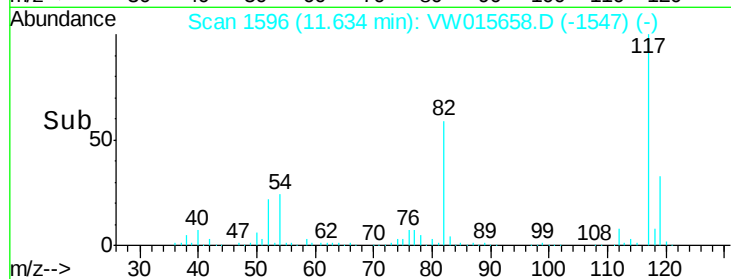
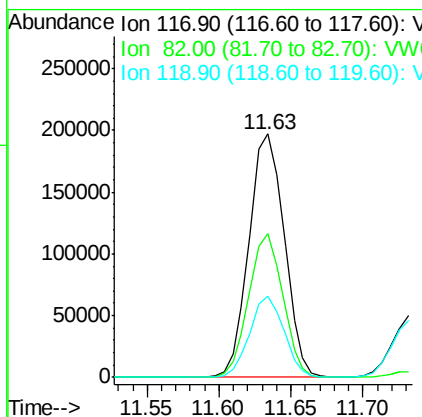
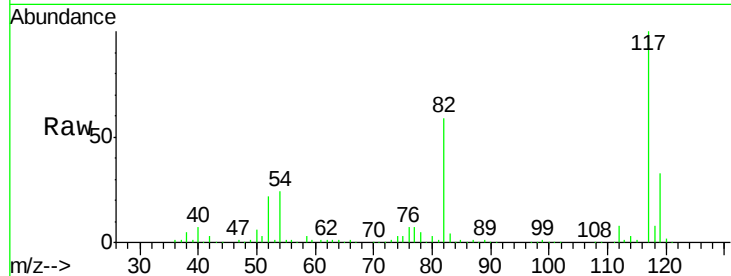
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	45.1	67.7
119	33.4	25.8	38.8

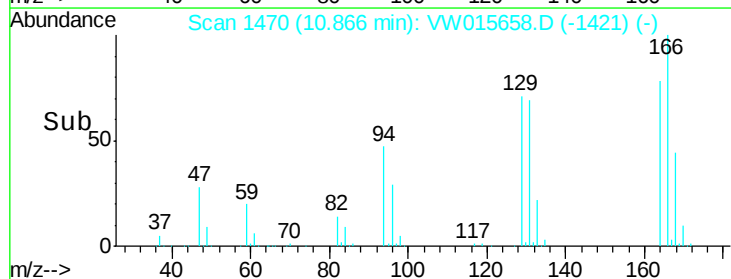
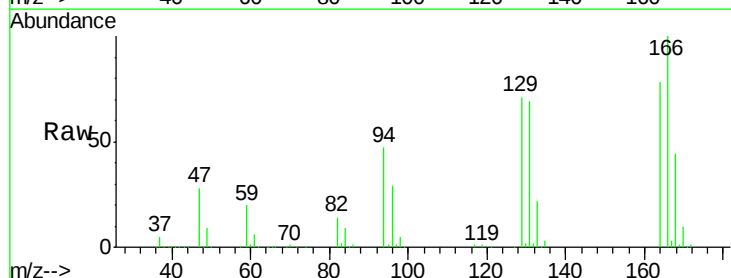
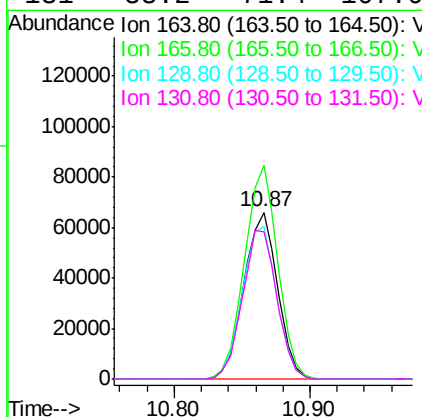
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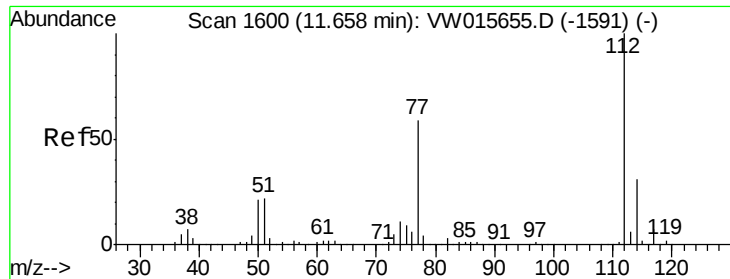
MMDadoda
6/24/2020 10:58:20 AM



#64
Tetrachloroethene
Concen: 48.745 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	99.9	149.9
129	91.2	74.2	111.2
131	88.2	71.4	107.0





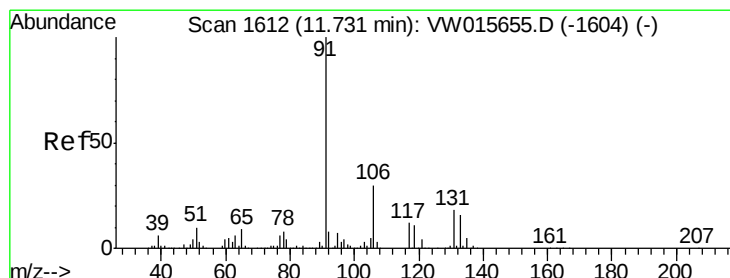
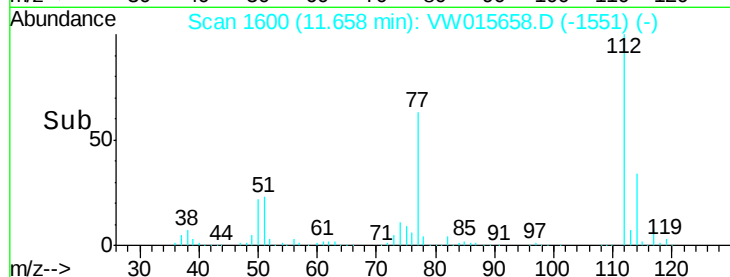
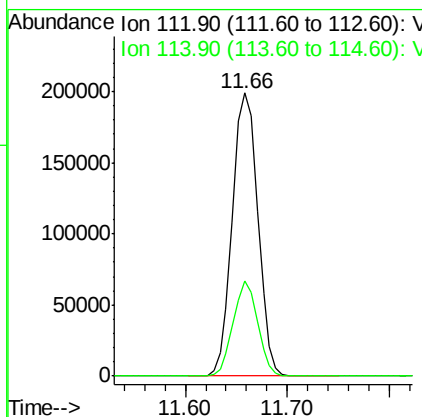
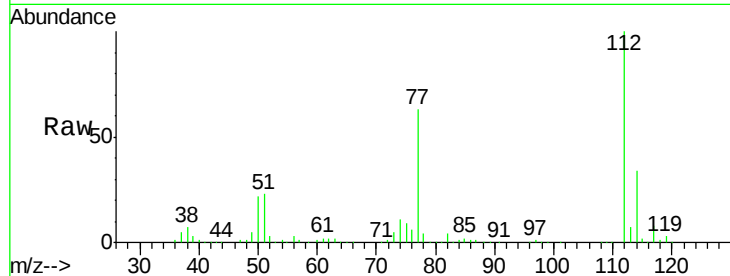
#65
Chlorobenzene
Concen: 48.702 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion:112 Resp: 343985
Ion Ratio Lower Upper
112 100
114 33.6 24.9 37.3

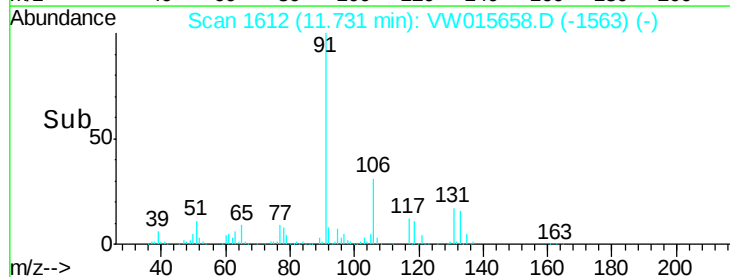
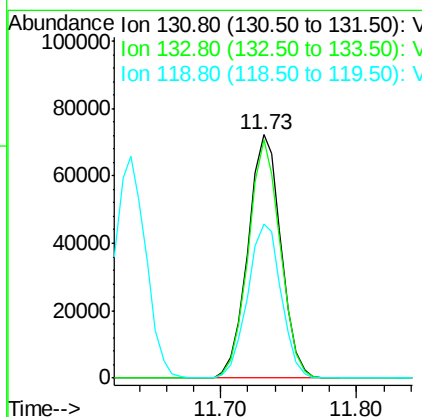
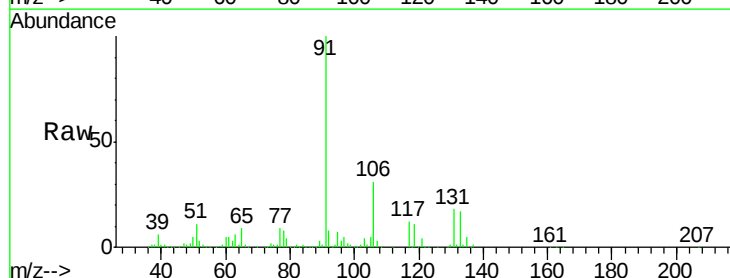
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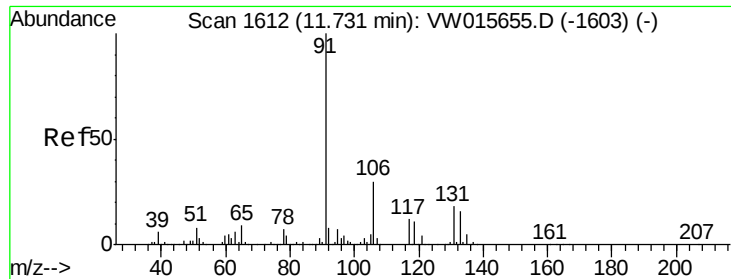
MMDadoda
6/24/2020 10:58:20 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.544 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion:131 Resp: 122696
Ion Ratio Lower Upper
131 100
133 94.9 46.5 139.5
119 64.5 32.5 97.5





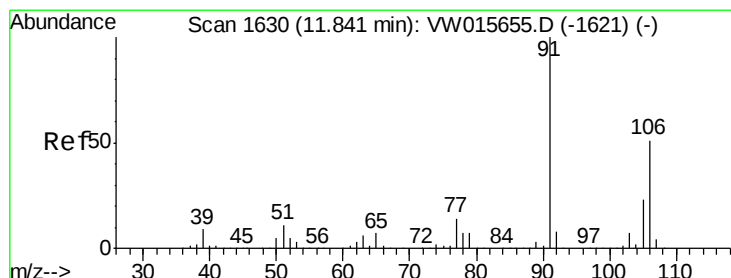
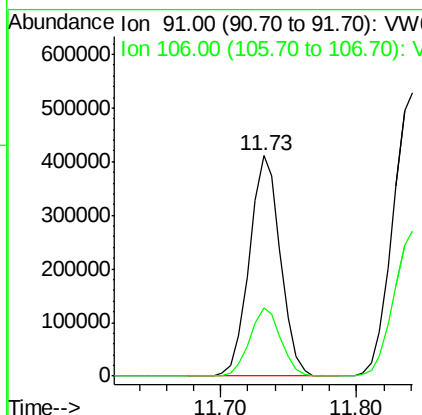
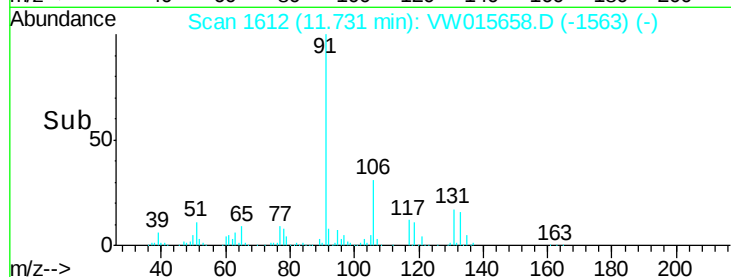
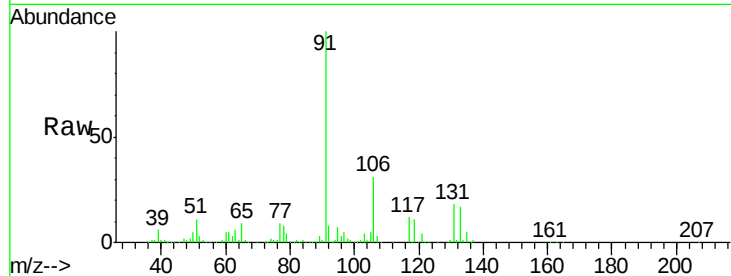
#67
Ethyl Benzene
Concen: 49.881 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion: 91 Resp: 655680
Ion Ratio Lower Upper
91 100
106 31.1 24.1 36.1

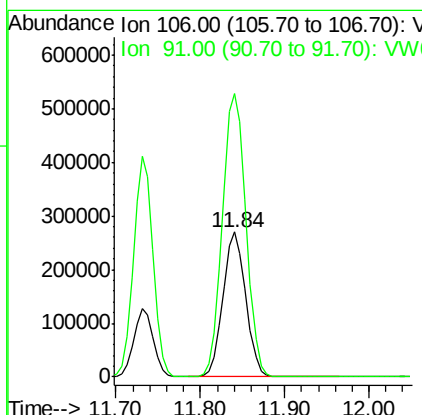
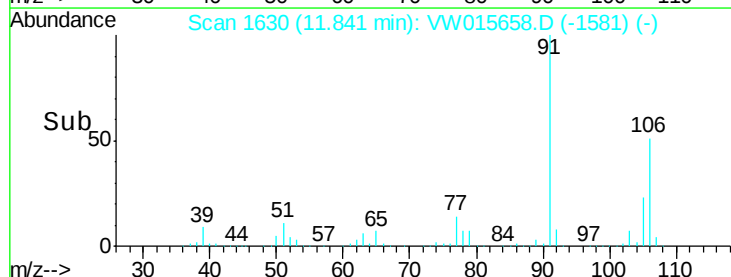
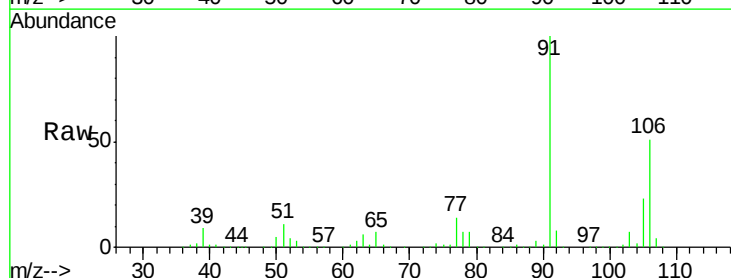
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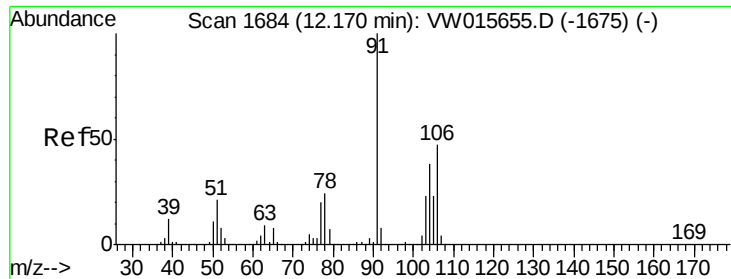
MMDadoda
6/24/2020 10:58:20 AM



#68
m/p-Xylenes
Concen: 100.870 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion: 106 Resp: 497882
Ion Ratio Lower Upper
106 100
91 203.4 162.6 244.0





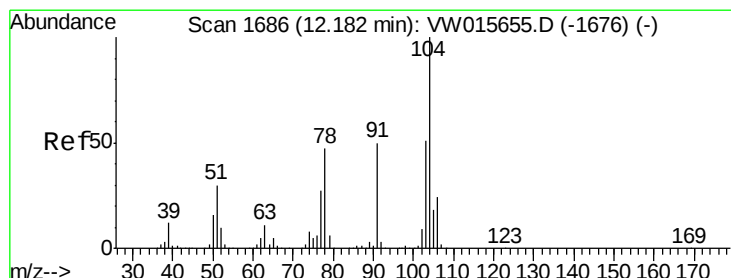
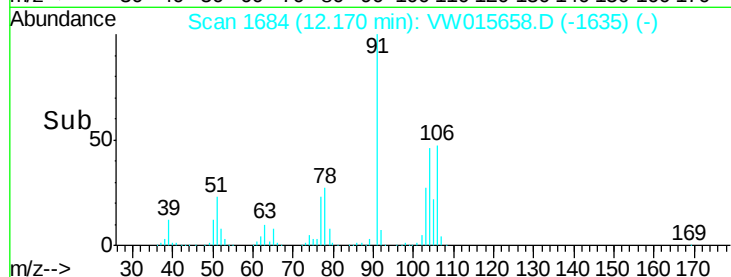
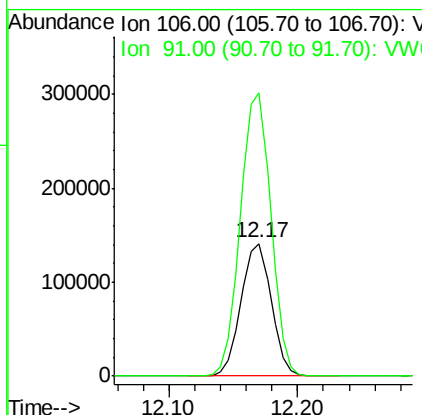
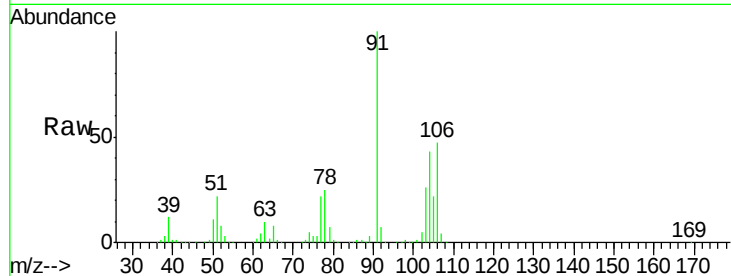
#69
o-Xylene
Concen: 50.444 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		228930		
91	215.7	108.3	324.9		

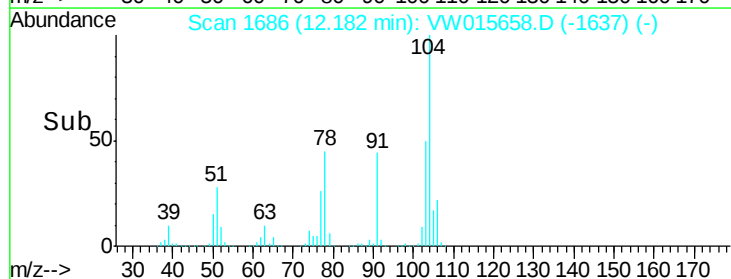
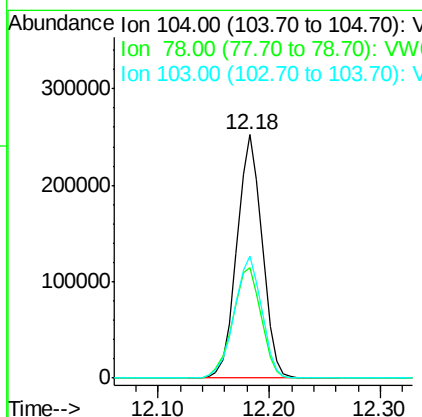
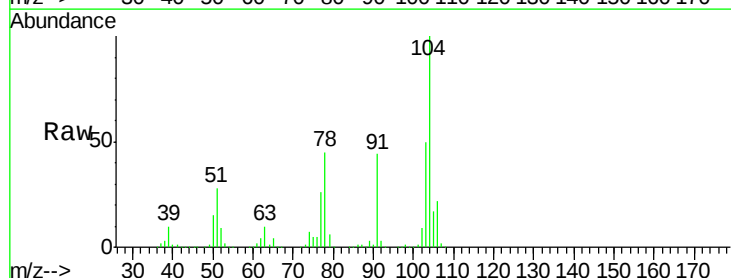
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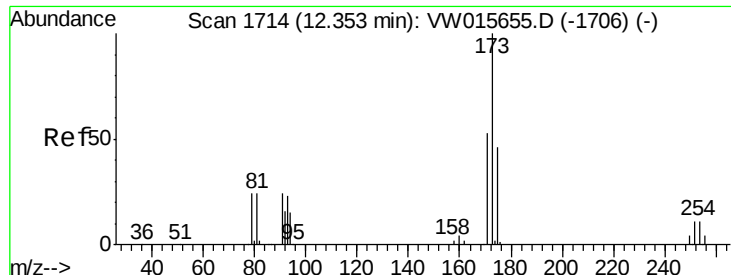
MMDadoda
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#70
Styrene
Concen: 51.068 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		395974		
78	51.1	40.9	61.3		
103	54.6	43.1	64.7		





#71

Bromoform

Concen: 51.778 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

Tot Ion:173 Resp: 58999

Ion Ratio Lower Upper

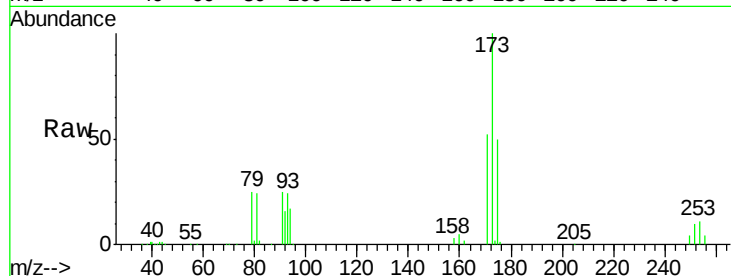
173 100

175 47.7 23.5 70.6

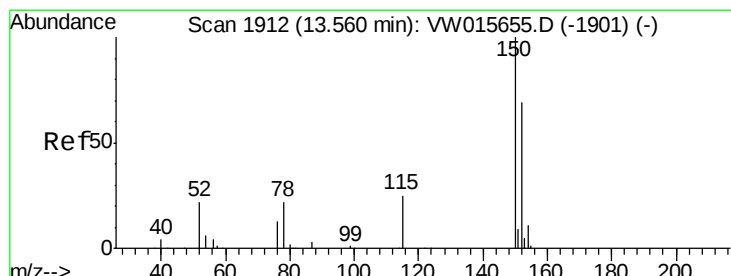
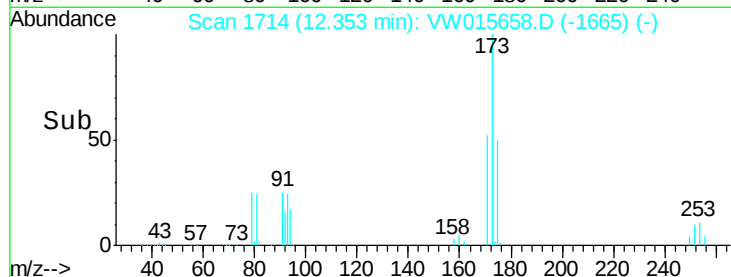
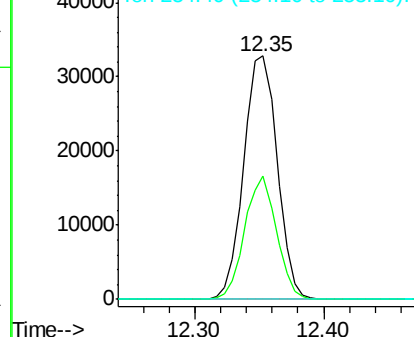
254 0.0 0.1 0.1#

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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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

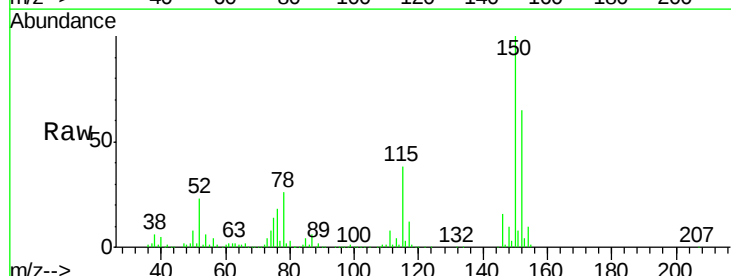
Tgt Ion:152 Resp: 166956

Ion Ratio Lower Upper

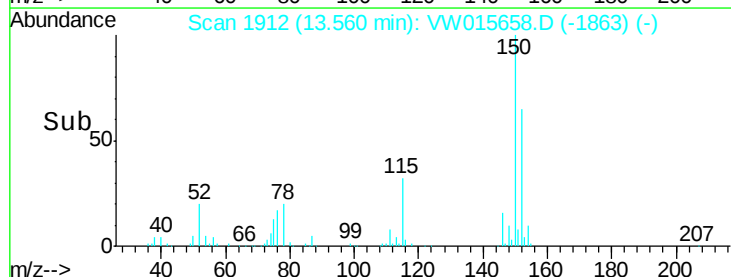
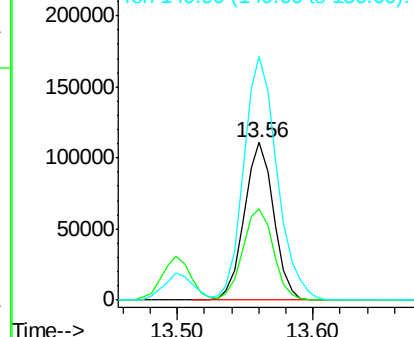
152 100

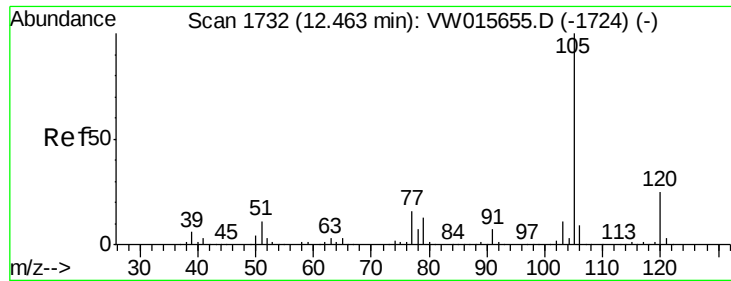
115 60.2 30.1 90.5

150 176.1 0.0 345.6



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





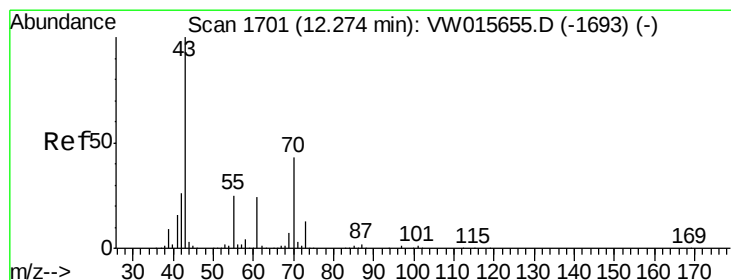
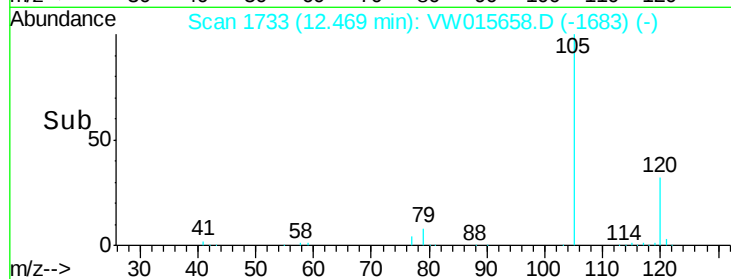
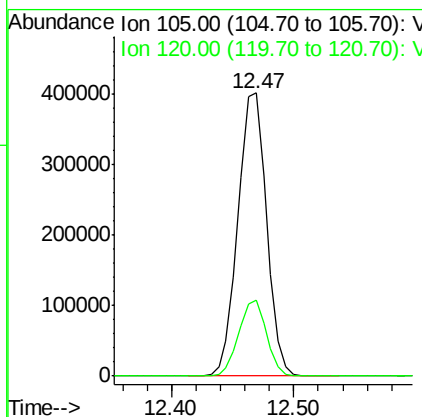
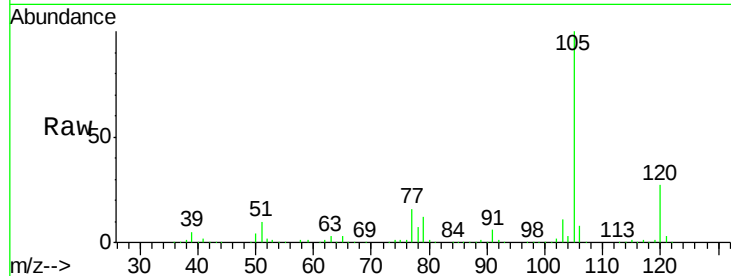
#73
Isopropylbenzene
Concen: 51.176 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion: 105 Resp: 651782
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.7

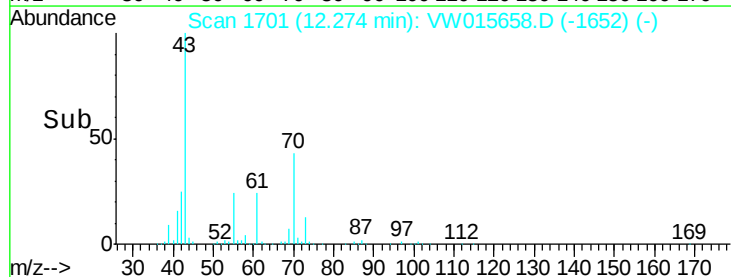
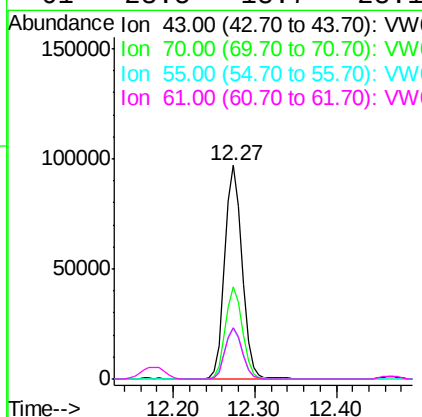
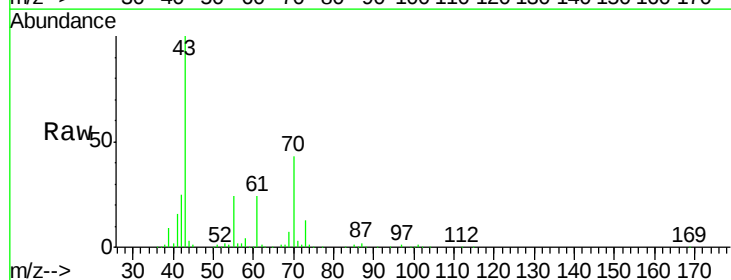
Manual Integrations
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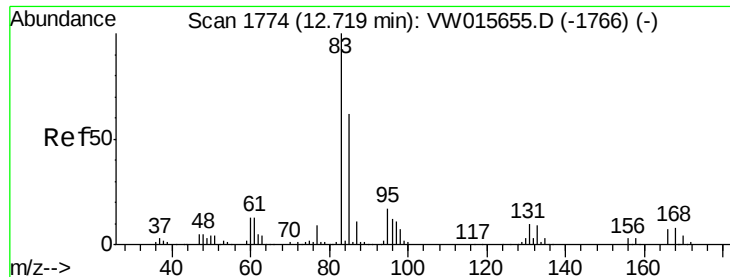
MMDadoda
6/24/2020 10:58:20 AM



#74
N-ethyl acetate
Concen: 53.044 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion: 43 Resp: 143211
Ion Ratio Lower Upper
43 100
70 42.5 33.6 50.4
55 24.2 19.7 29.5
61 23.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.413 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

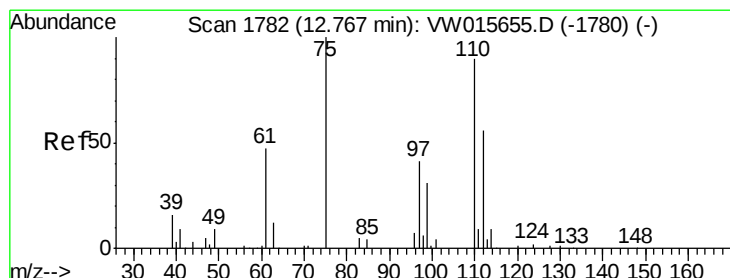
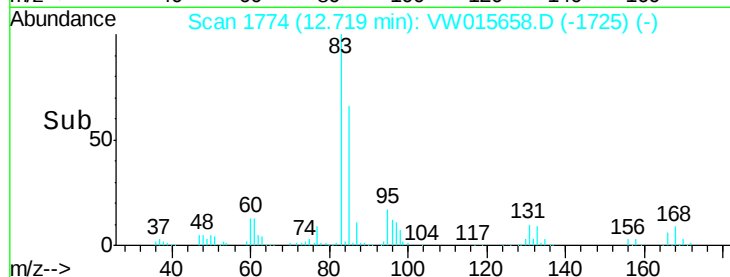
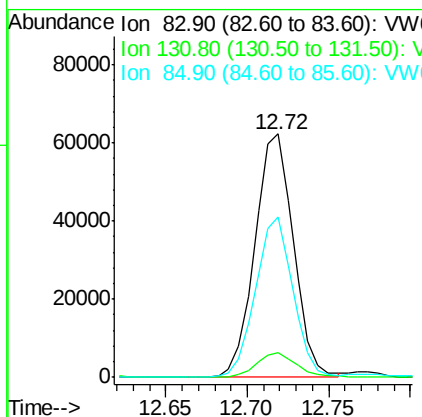
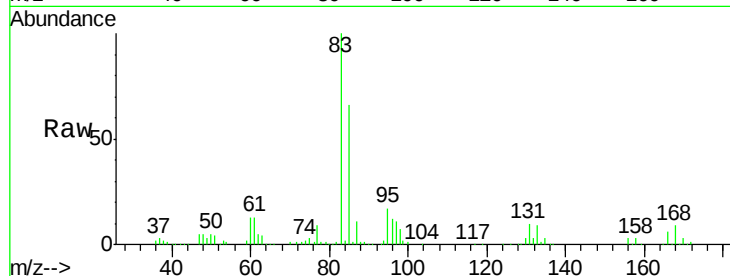
ClientSampleId :

ICVW062320

Tot Ion:	83	Resp:	102717
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.4
85	63.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 49.539 ug/l m

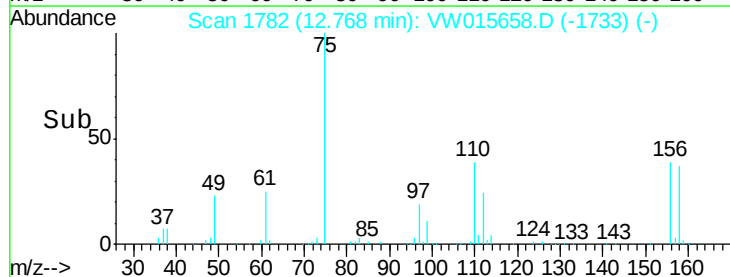
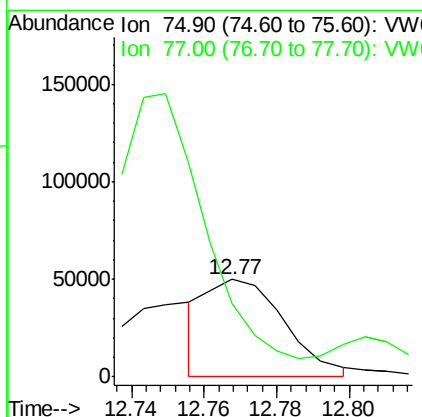
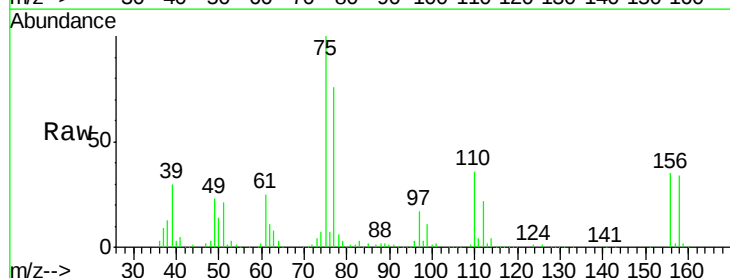
RT: 12.77 min Scan# 1782

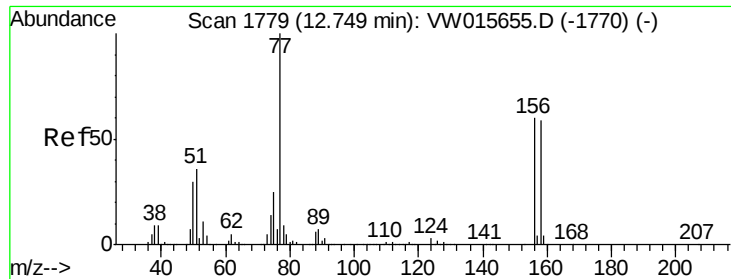
Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Tgt Ion:	75	Resp:	75443
Ion Ratio	Lower	Upper	
75	100		
77	356.4	179.1	537.1





#77

Bromobenzene

Concen: 50.033 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

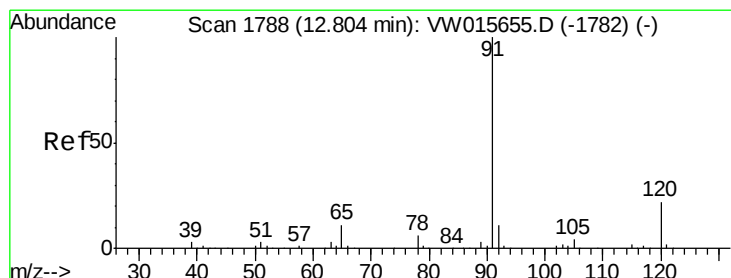
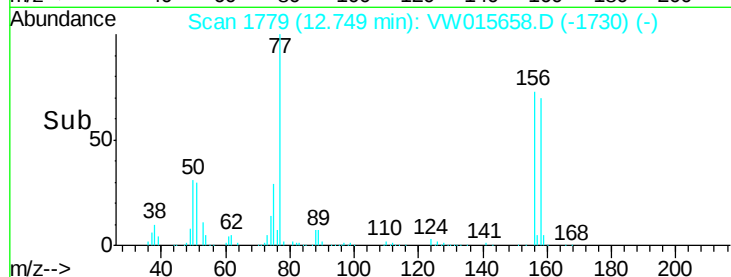
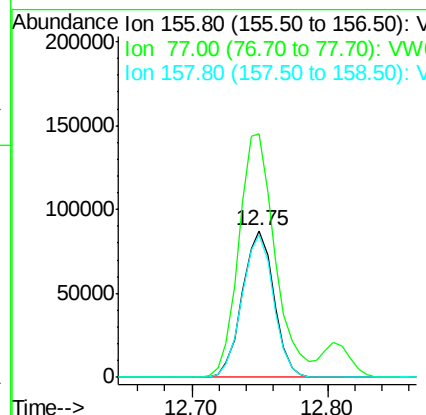
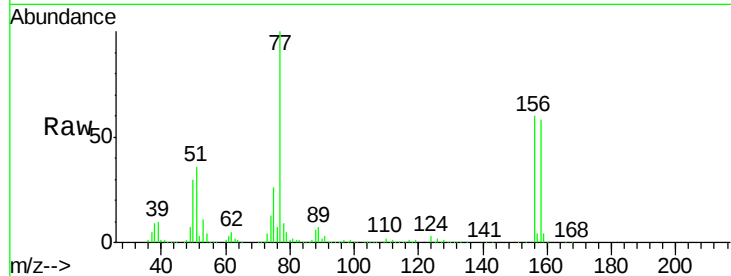
ClientSampleId :

ICVW062320

Tot Ion:	156	Resp:	142089
Ion Ratio	Lower	Upper	
156	100		
77	189.2	94.5	283.5
158	96.9	47.9	143.6

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#78

n-propylbenzene

Concen: 50.472 ug/l

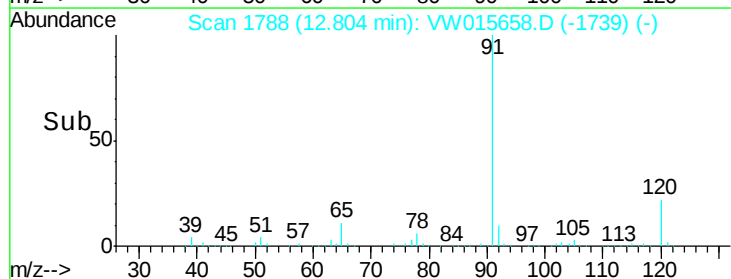
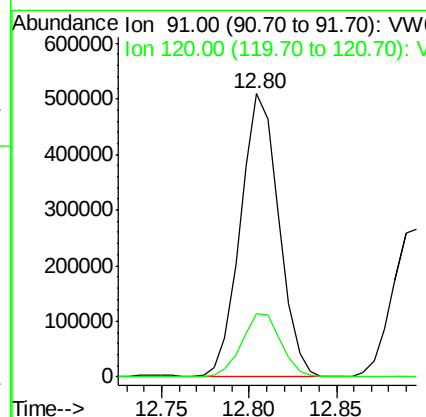
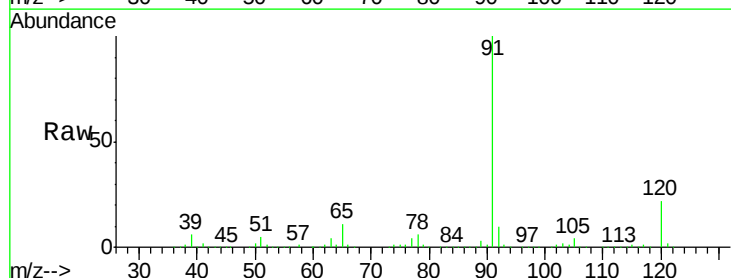
RT: 12.80 min Scan# 1788

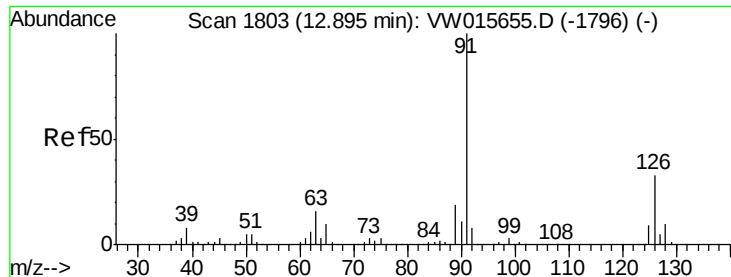
Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Tgt Ion:	91	Resp:	773739
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.2	33.5





#79

2-Chlorotoluene

Concen: 50.484 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

Tot Ion: 91 Resp: 435763

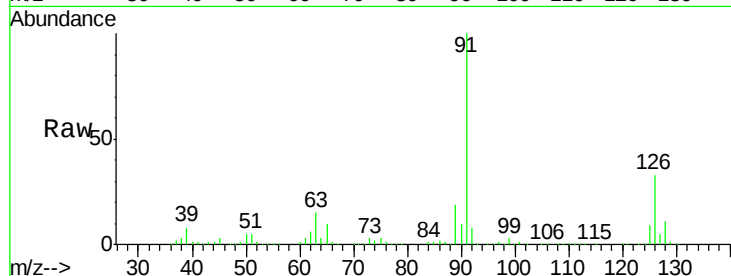
Ion Ratio Lower Upper

91 100

126 32.5 16.6 49.8

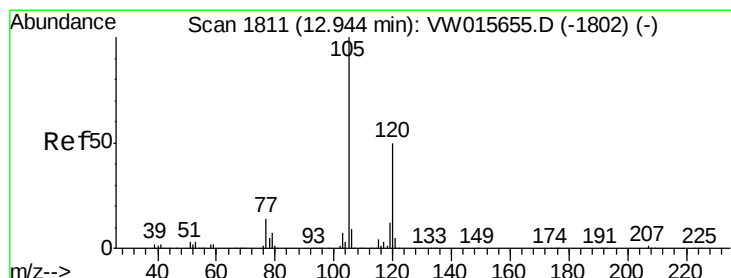
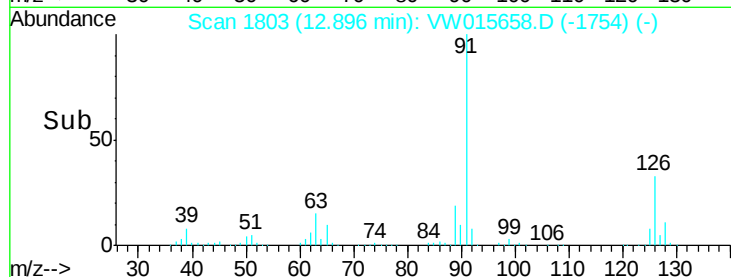
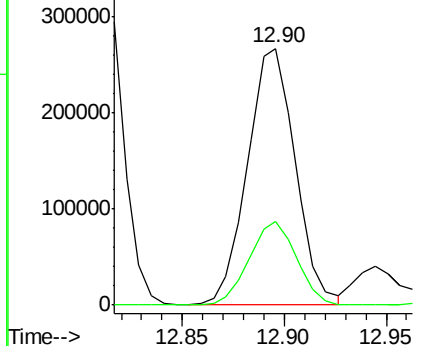
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.126 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015658.D

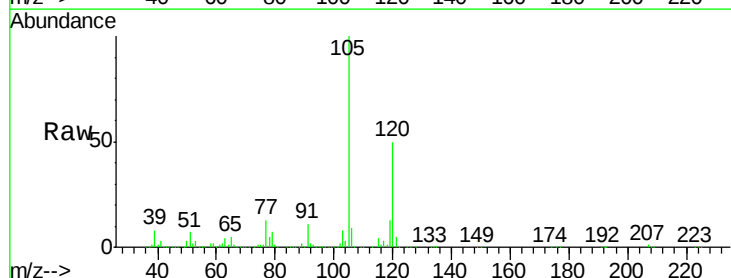
Acq: 23 Jun 2020 13:29

Tgt Ion: 105 Resp: 540948

Ion Ratio Lower Upper

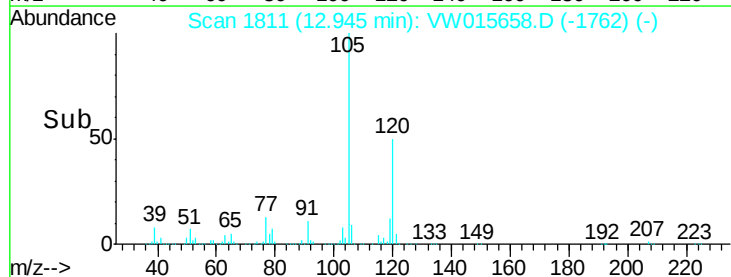
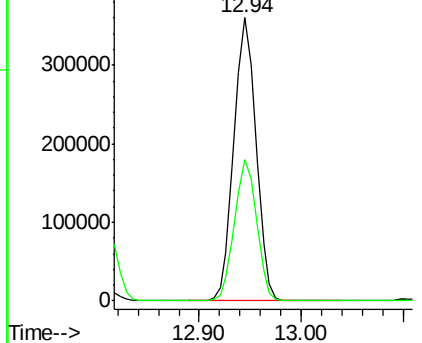
105 100

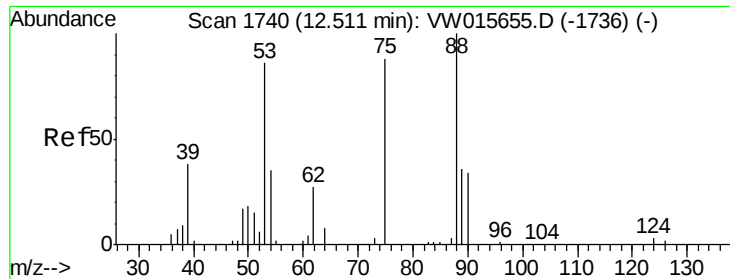
120 49.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





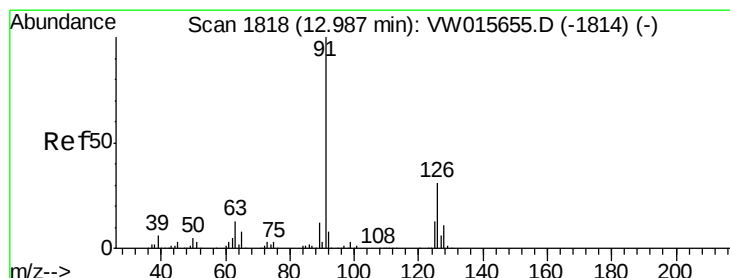
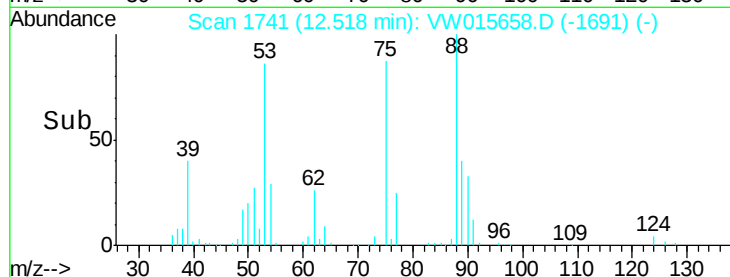
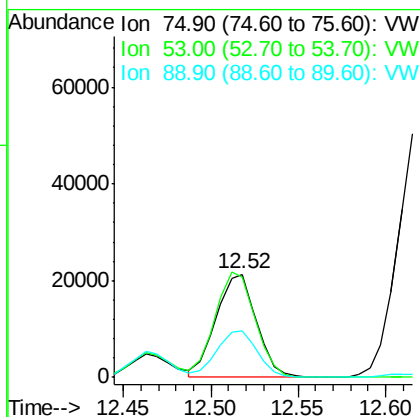
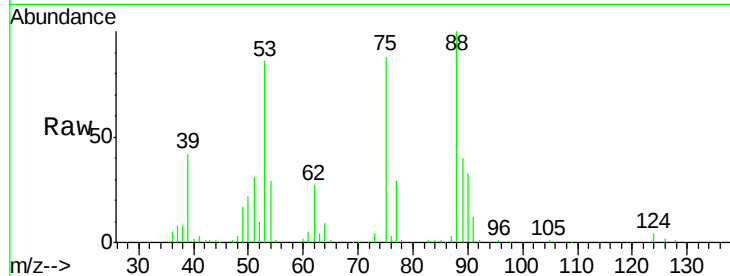
#81
trans-1,4-Dichloro-2-butene
Concen: 55.562 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.2	83.8	125.8
89	46.4	36.6	55.0

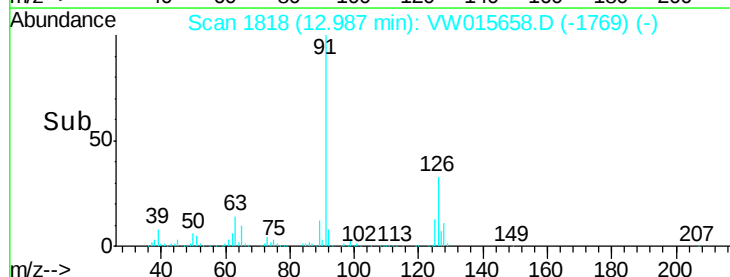
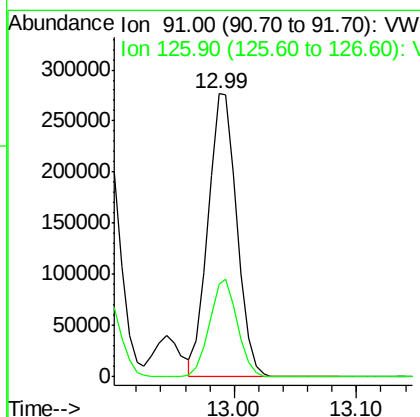
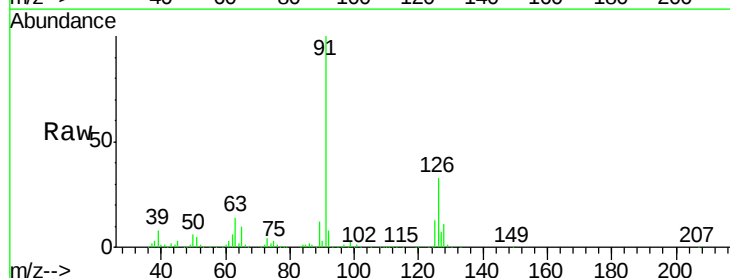
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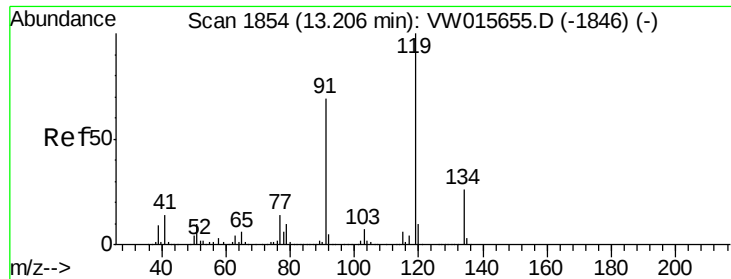
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#82
4-Chlorotoluene
Concen: 49.540 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.3	48.9





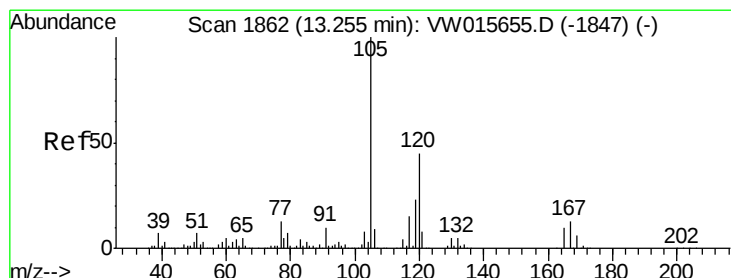
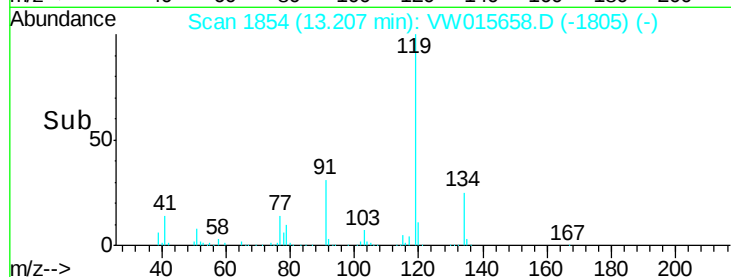
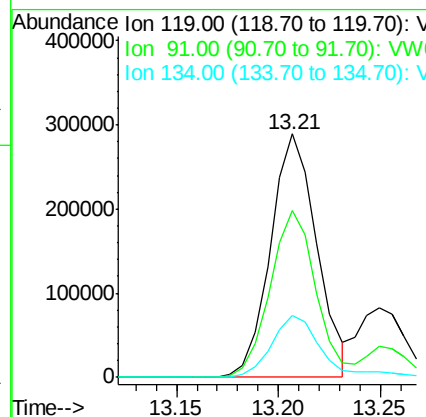
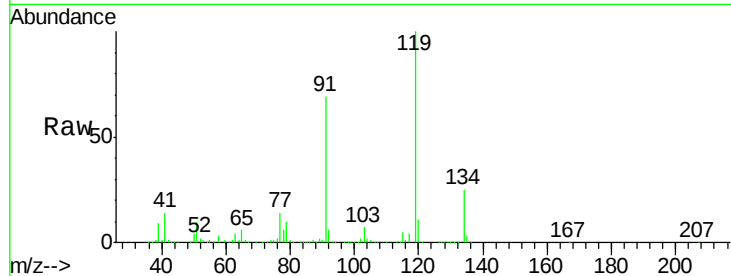
#83
tert-Butylbenzene
Concen: 50.086 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	Ratio	Resp	Lower	Upper
119	100	456694		
91	68.5	34.7	104.1	
134	27.5	13.8	41.4	

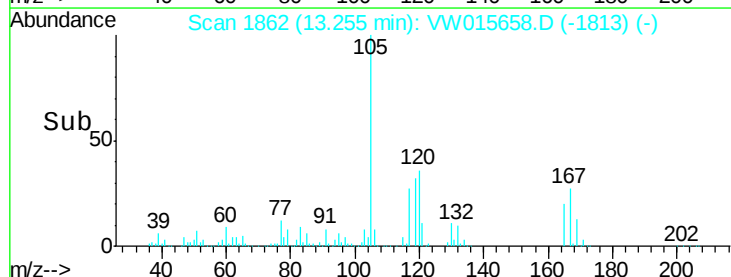
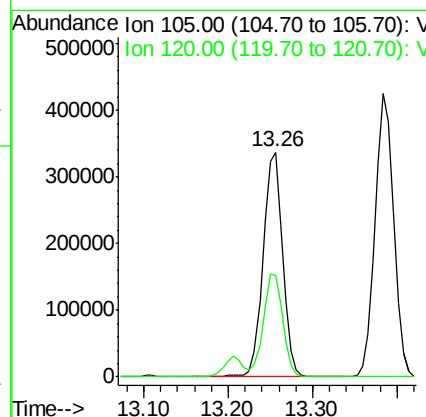
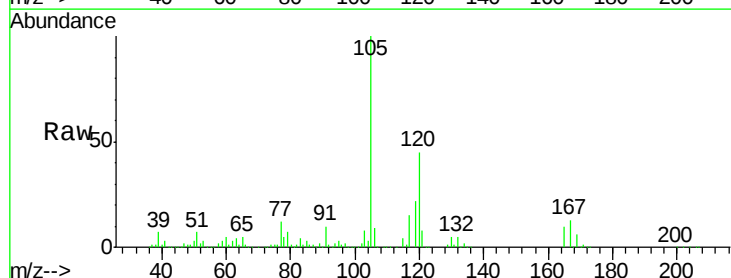
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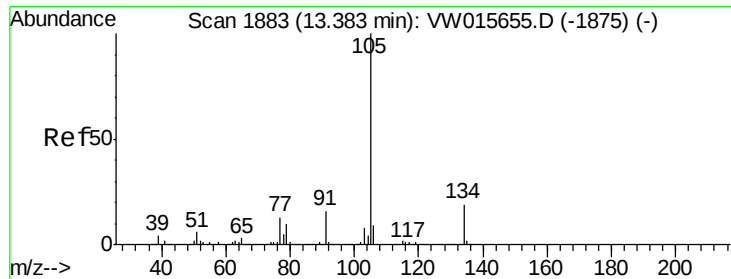
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#84
1,2,4-Trimethylbenzene
Concen: 49.813 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	536092		
120	45.6	22.8	68.3	





#85

sec-Butylbenzene

Concen: 50.147 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

Tot Ion:105 Resp: 653491

Ion Ratio Lower Upper

105 100

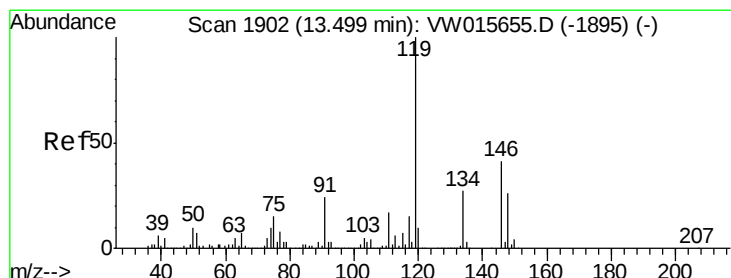
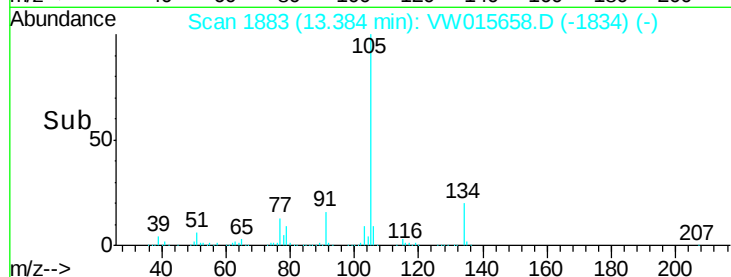
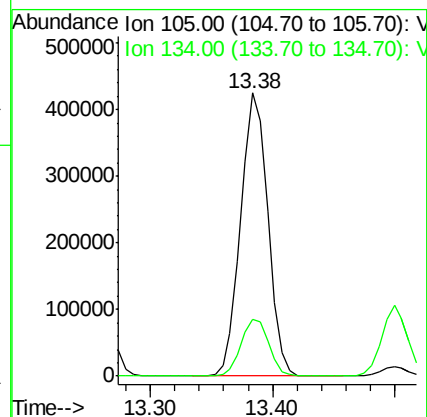
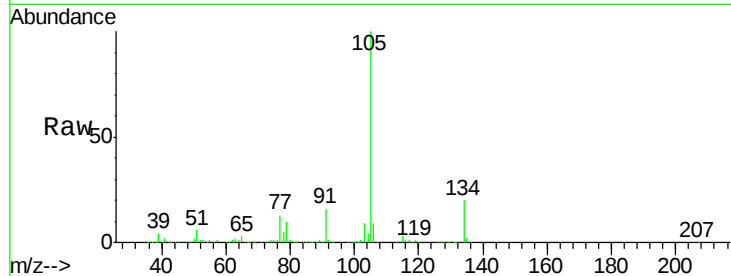
134 20.5 10.0 29.8

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#86

p-Isopropyltoluene

Concen: 50.424 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

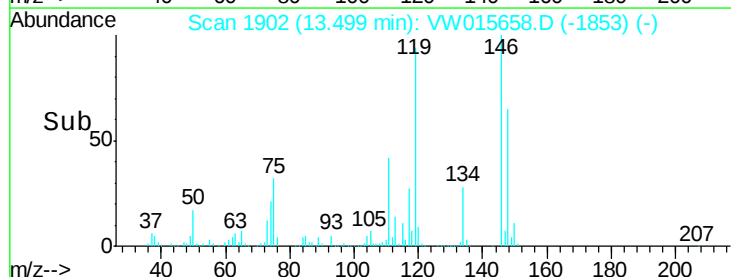
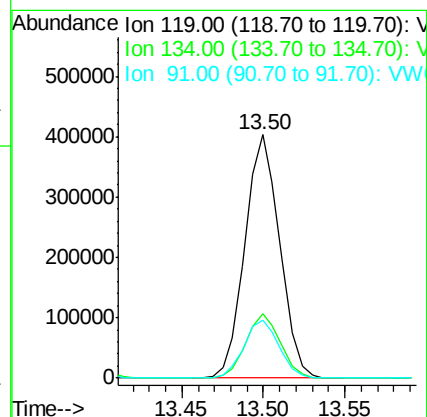
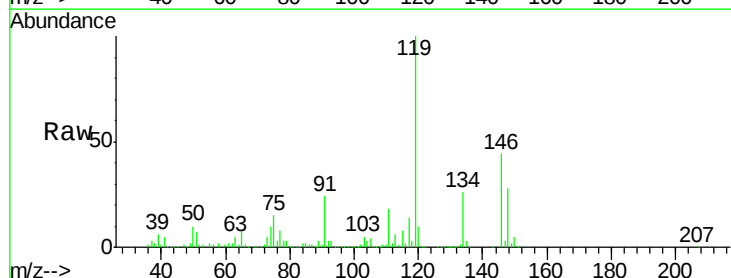
Tgt Ion:119 Resp: 597026

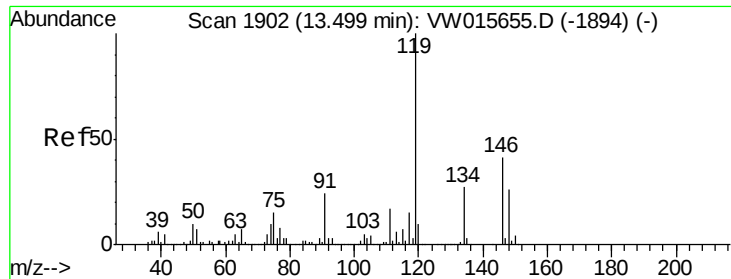
Ion Ratio Lower Upper

119 100

134 26.1 13.5 40.4

91 24.0 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 49.566 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

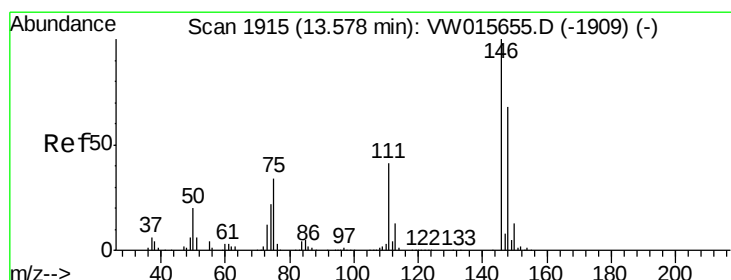
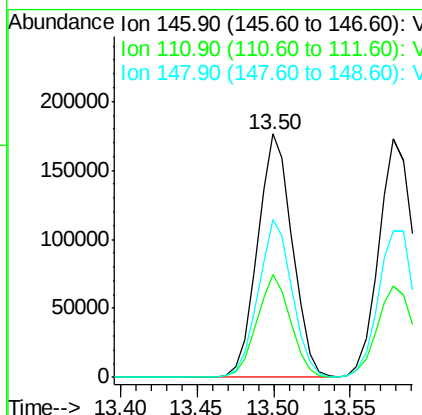
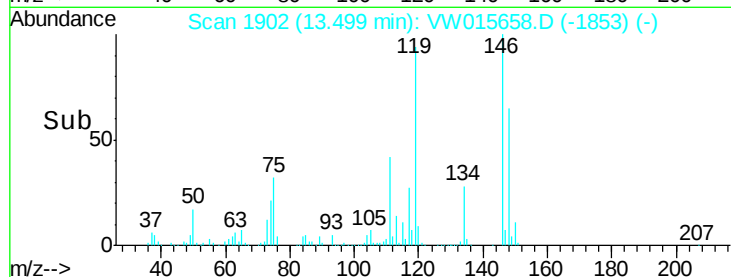
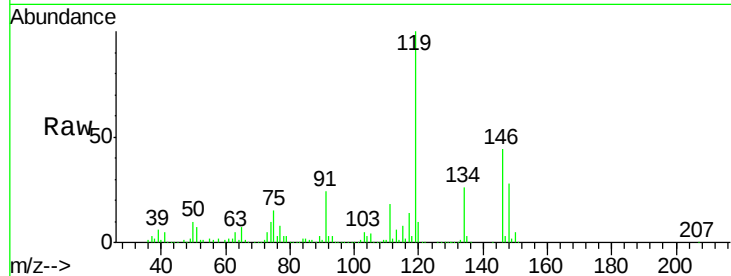
Instrument :
MSVOA_W

ClientSampleId :
ICVW062320

Tot Ion	Ratio	Resp	Lower	Upper
146	100	279431		
111	40.7	20.3	60.8	
148	63.4	31.6	94.7	

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#88

1,4-Dichlorobenzene

Concen: 48.893 ug/l

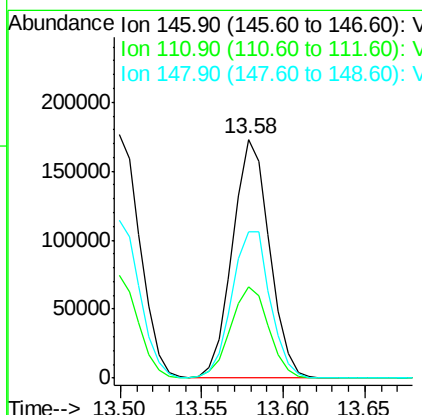
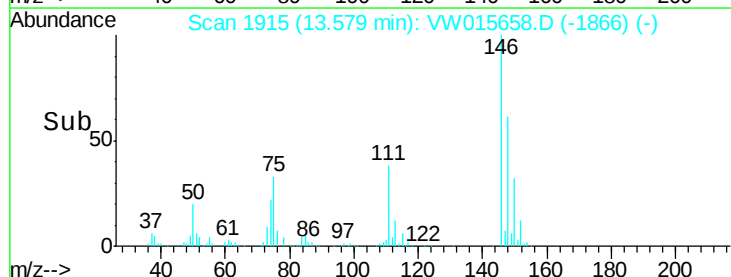
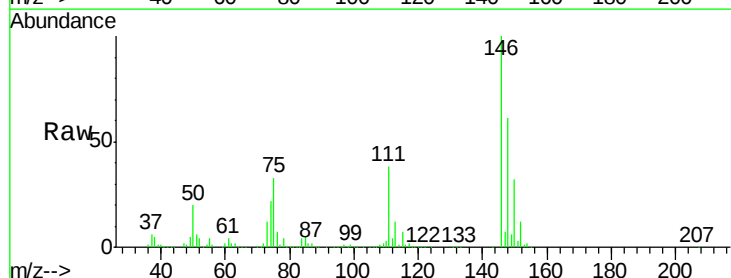
RT: 13.58 min Scan# 1915

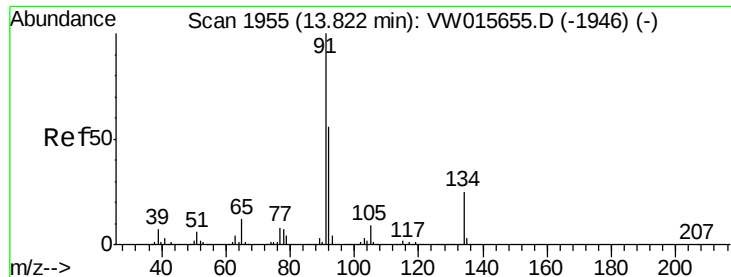
Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	272994		
111	39.4	20.3	60.9	
148	63.8	33.7	101.1	





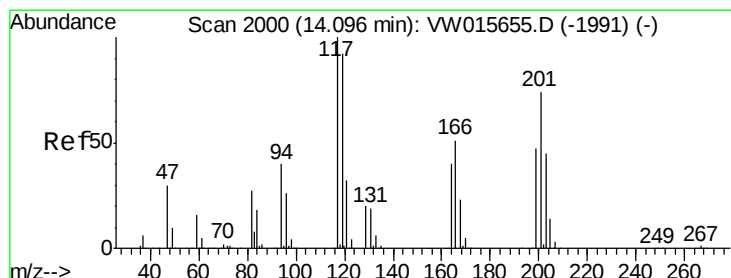
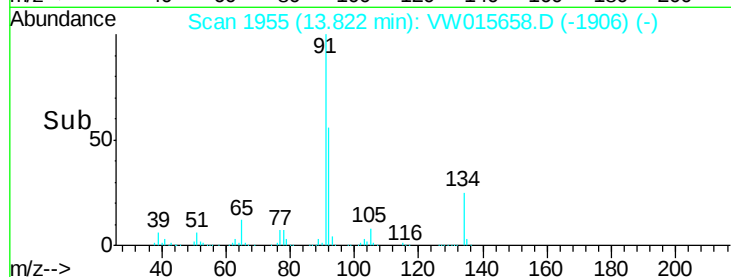
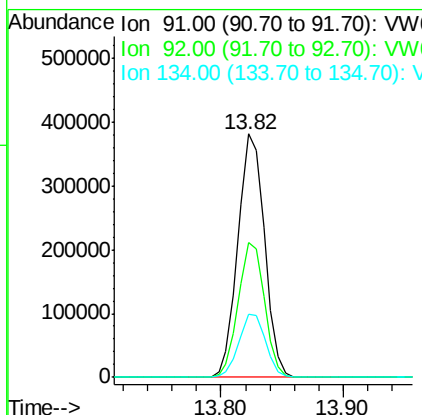
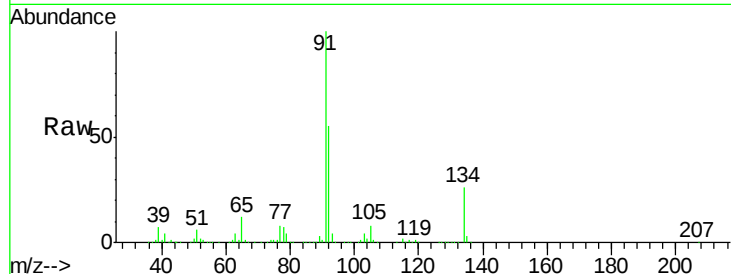
#89
n-Butylbenzene
Concen: 50.473 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.5	82.4
134	26.2	13.0	38.9

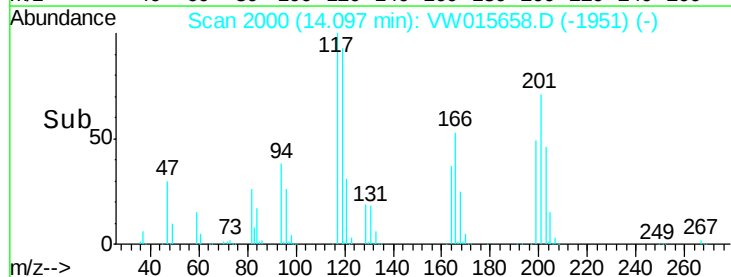
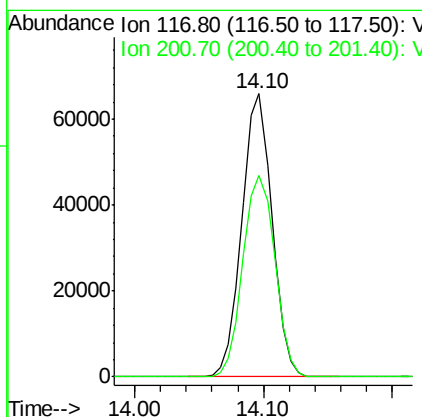
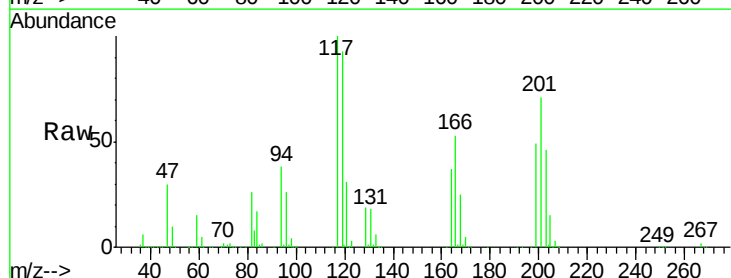
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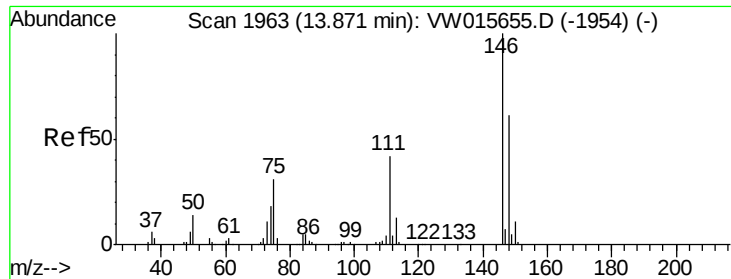
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#90
Hexachloroethane
Concen: 50.701 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.4	37.1	111.5





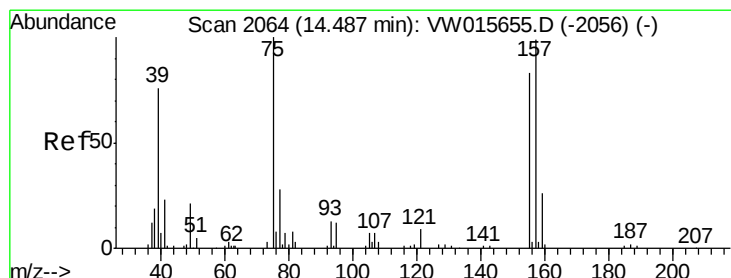
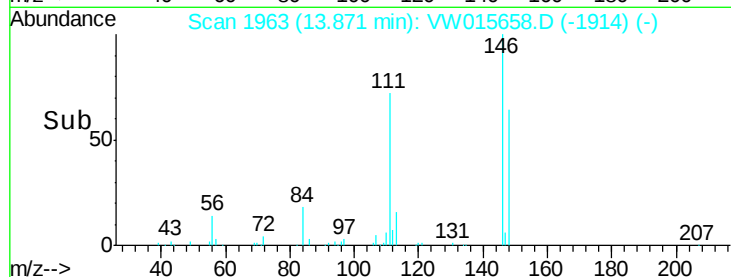
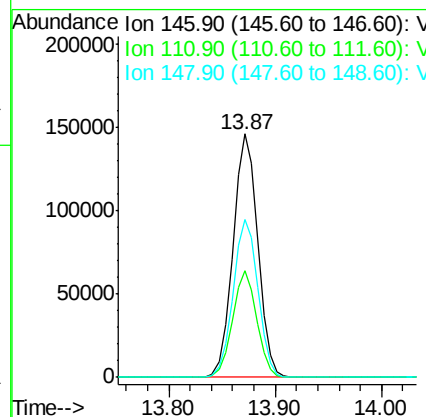
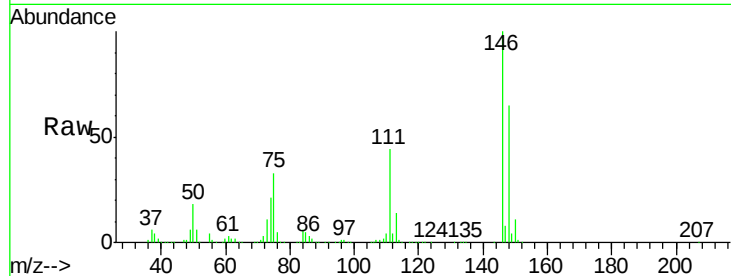
#91
 1,2-Dichlorobenzene
 Concen: 48.791 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.3	63.7
148	65.1	32.2	96.6

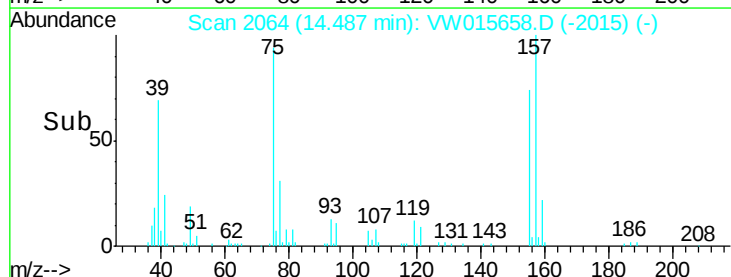
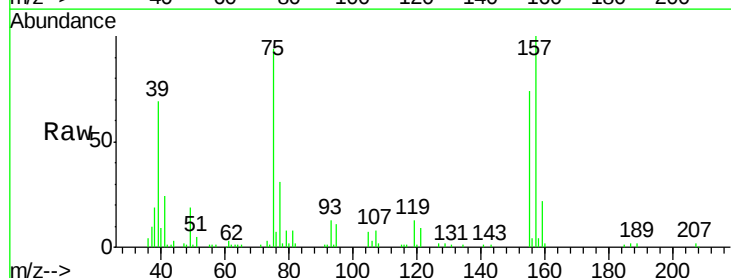
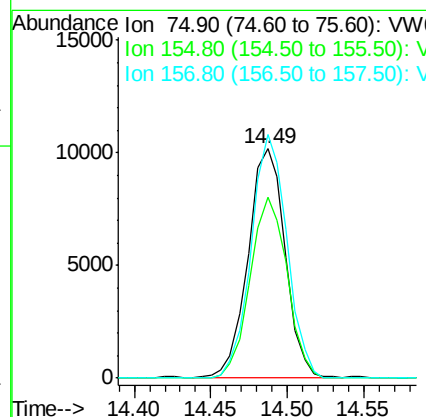
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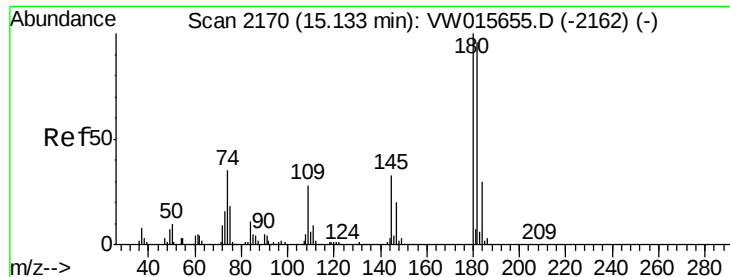
MMDadoda
 6/24/2020 10:58:20 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.835 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.4	40.8	122.2
157	102.0	50.7	152.1





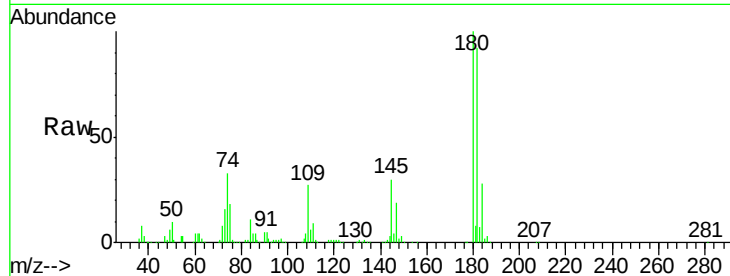
#93
 1,2,4-Trichlorobenzene
 Concen: 50.530 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

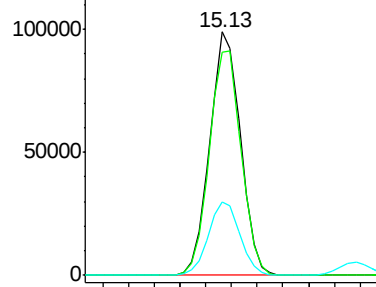
Tot Ion	Ratio	Resp	Lower	Upper
180	100	162651		
182	95.4	47.9	143.6	
145	31.1	15.6	46.7	

Manual Integrations
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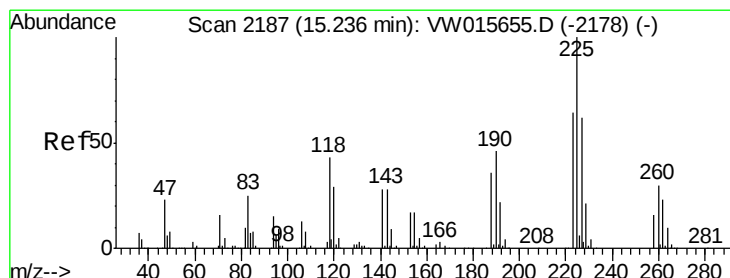
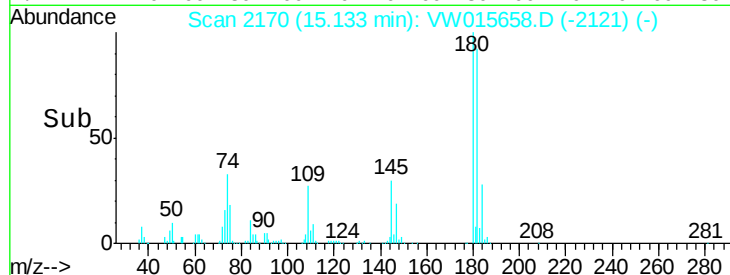
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 6/24/2020 10:58:20 AM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

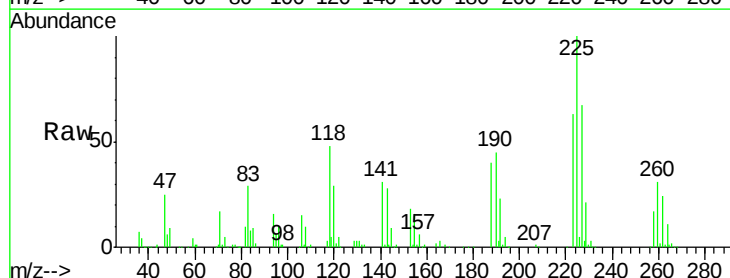


Time-->

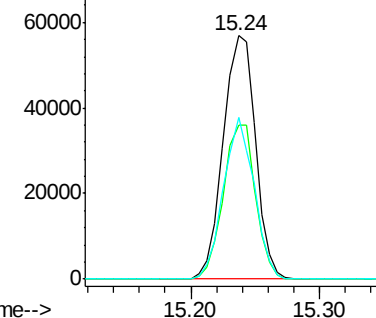


#94
 Hexachlorobutadiene
 Concen: 47.988 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

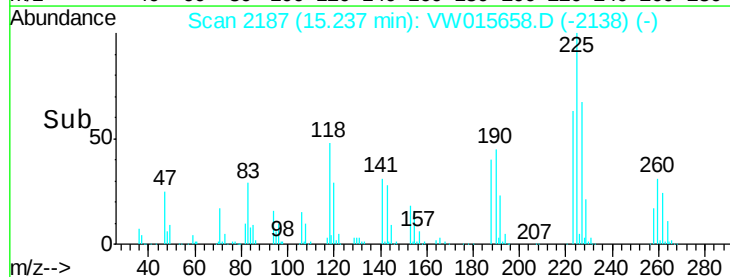
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98406		
223	63.3	31.0	93.0	
227	62.9	31.9	95.9	

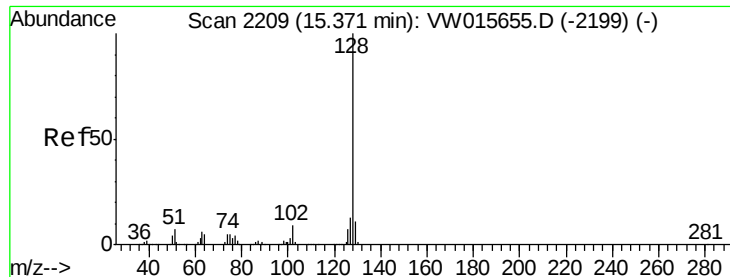


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





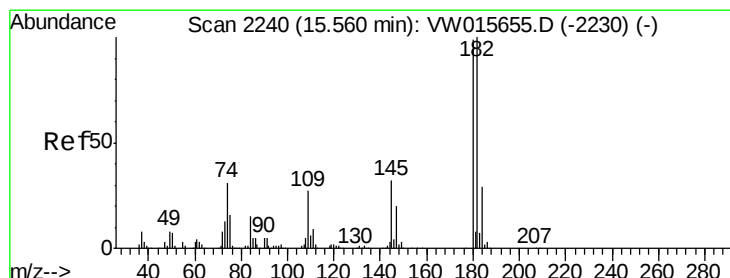
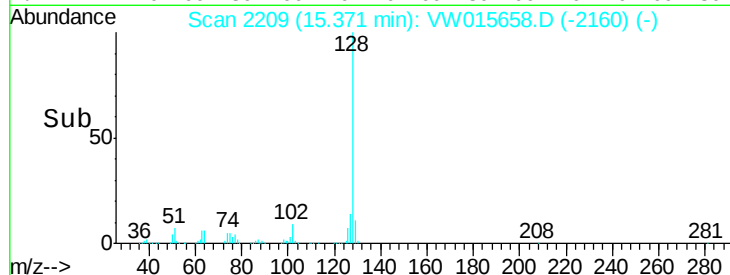
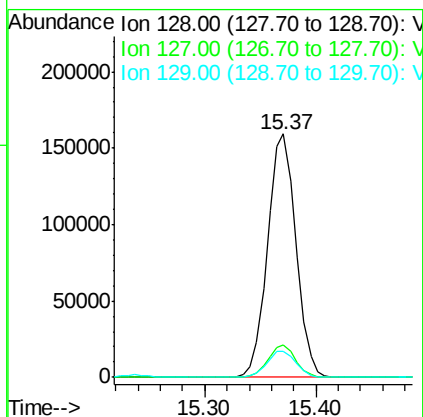
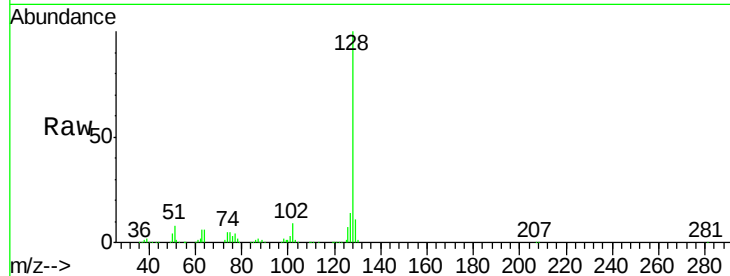
#95
Naphthalene
Concen: 53.152 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion	Ratio	Resp	Lower	Upper
128	100	282976		
127	13.1		10.5	15.7
129	11.0		8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 48.937 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	135623		
182	96.1		49.0	147.0
145	32.6		16.4	49.2

