

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015655.D
 Acq On : 23 Jun 2020 12:03
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:58:14 AM

Quant Time: Jun 23 12:49:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 12:41:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	337679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159809	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	115963	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
35) Dibromofluoromethane	7.88	113	103190	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
50) Toluene-d8	10.33	98	419582	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.62	95	154939	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	71805	57.810	ug/l	100
3) Chloromethane	2.22	50	75068	49.673	ug/l	100
4) Vinyl Chloride	2.37	62	129937	54.764	ug/l	100
5) Bromomethane	2.79	94	89402	53.569	ug/l	100
6) Chloroethane	2.93	64	85291	55.519	ug/l	100
7) Trichlorofluoromethane	3.26	101	103841	58.268	ug/l	100
8) Diethyl Ether	3.68	74	54024	51.483	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	112562	52.604	ug/l	100
10) Methyl Iodide	4.27	142	160119	51.164	ug/l	100
11) Tert butyl alcohol	5.18	59	33351	191.342	ug/l	100
12) 1,1-Dichloroethene	4.04	96	111007	52.308	ug/l	100
13) Acrolein	3.89	56	39496	275.847	ug/l	100
14) Allyl chloride	4.67	41	177260	49.777	ug/l	100
15) Acrylonitrile	5.37	53	109592	257.222	ug/l	100
16) Acetone	4.12	43	123029	263.980	ug/l	100
17) Carbon Disulfide	4.38	76	331907	52.453	ug/l	100
18) Methyl Acetate	4.67	43	48249	47.730	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	162416	50.632	ug/l	100
20) Methylene Chloride	4.92	84	118377	49.042	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	124327	52.077	ug/l	100
22) Diisopropyl ether	6.32	45	358649	53.076	ug/l	100
23) Vinyl Acetate	6.26	43	1061669	267.859	ug/l	100
24) 1,1-Dichloroethane	6.22	63	218706	51.329	ug/l	100
25) 2-Butanone	7.18	43	156599	261.173	ug/l	100
26) 2,2-Dichloropropane	7.17	77	144659	48.384	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	137321	52.893	ug/l	100
28) Bromochloromethane	7.52	49	80575	50.444	ug/l	100
29) Tetrahydrofuran	7.54	42	92612	258.854	ug/l	100
30) Chloroform	7.68	83	227185	52.819	ug/l	100
31) Cyclohexane	7.96	56	212317	50.507	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	198168	53.138	ug/l	100
36) 1,1-Dichloropropene	8.09	75	189274	54.747	ug/l	100
37) Ethyl Acetate	7.26	43	68252	52.388	ug/l	100
38) Carbon Tetrachloride	8.07	117	184731	54.859	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	236625	55.533	ug/l	100
40) Benzene	8.33	78	508620	54.708	ug/l	100
41) Methacrylonitrile	7.49	41	39013	52.887	ug/l	100
42) 1,2-Dichloroethane	8.40	62	155658	55.149	ug/l	100
43) Isopropyl Acetate	8.43	43	138030	53.396	ug/l	100
44) Trichloroethene	9.10	130	137433	55.194	ug/l	100
45) 1,2-Dichloropropane	9.37	63	122515	54.273	ug/l	100
46) Dibromomethane	9.46	93	62826	54.871	ug/l	100
47) Bromodichloromethane	9.65	83	167384	53.915	ug/l	100
48) Methyl methacrylate	9.44	41	65141	54.978	ug/l	100
49) 1,4-Dioxane	9.44	88	16302	1081.056	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	332880	270.891	ug/l	100
52) Toluene	10.39	92	331841	55.281	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	164774	54.282	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	196529	54.510	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	87451	54.730	ug/l	100
56) Ethyl methacrylate	10.65	69	113567	55.073	ug/l	100
57) 1,3-Dichloropropane	10.93	76	154679	54.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	246067	249.554	ug/l	100
59) 2-Hexanone	10.97	43	233555	276.482	ug/l	100
60) Dibromochloromethane	11.13	129	106281	54.670	ug/l	100
61) 1,2-Dibromoethane	11.24	107	84316	55.212	ug/l	100
64) Tetrachloroethene	10.87	164	116441	54.737	ug/l	100
65) Chlorobenzene	11.66	112	347470	54.233	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	123111	53.889	ug/l	100
67) Ethyl Benzene	11.73	91	658230	54.558	ug/l	100
68) m/p-Xylenes	11.84	106	494858	109.855	ug/l	100
69) o-Xylene	12.17	106	228570	54.661	ug/l	100
70) Styrene	12.18	104	393833	55.143	ug/l	100
71) Bromoform	12.35	173	57985	53.730	ug/l	# 100
73) Isopropylbenzene	12.46	105	646132	52.749	ug/l	100
74) N-amyl acetate	12.27	43	134095	52.147	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	98301	52.844	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	74676m	55.504	ug/l	
77) Bromobenzene	12.75	156	141506	53.528	ug/l	100
78) n-propylbenzene	12.80	91	785245	53.510	ug/l	100
79) 2-Chlorotoluene	12.90	91	433353	52.311	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	551447	53.285	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	31179	51.296	ug/l	100
82) 4-Chlorotoluene	12.99	91	459713	53.538	ug/l	100
83) tert-Butylbenzene	13.21	119	457764	52.067	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	550792	53.363	ug/l	100
85) sec-Butylbenzene	13.38	105	675944	54.124	ug/l	100
86) p-Isopropyltoluene	13.50	119	604711	53.080	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	281207	53.506	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	269725	51.945	ug/l	100
89) n-Butylbenzene	13.82	91	591751	53.914	ug/l	100
90) Hexachloroethane	14.10	117	108130	51.794	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	242012	53.015	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16154	50.908	ug/l	100

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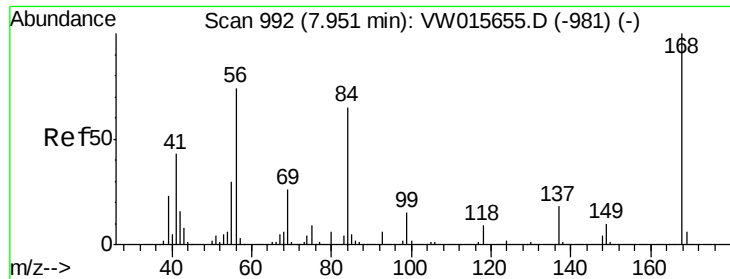
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	166334	52.894	ug/l	100
94) Hexachlorobutadiene	15.24	225	104575	54.003	ug/l	100
95) Naphthalene	15.37	128	279413	53.399	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	138186	52.516	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 218797

Ion Ratio Lower Upper

168 100

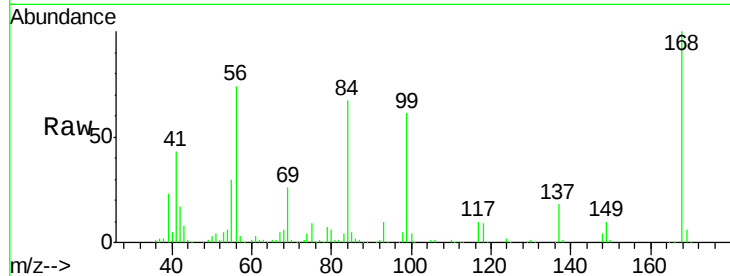
99 60.8 48.6 73.0

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

100000

80000

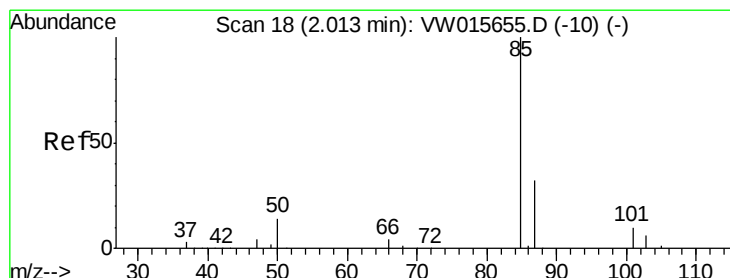
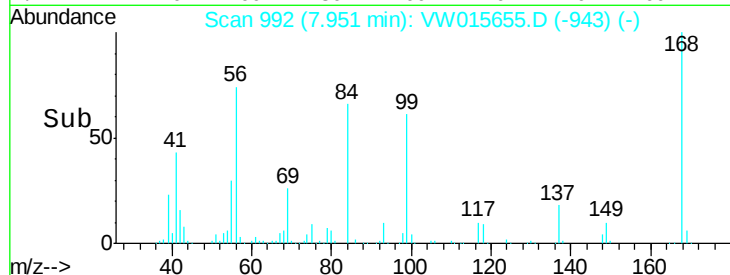
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 57.810 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015655.D

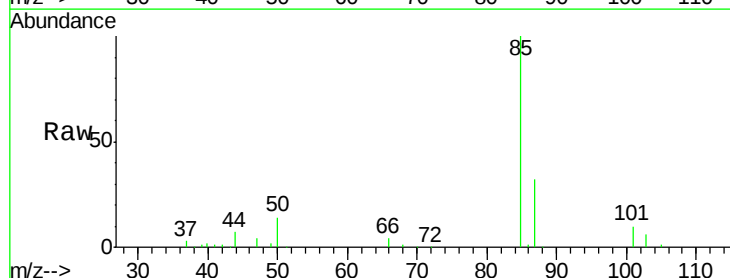
Acq: 23 Jun 2020 12:03

Tgt Ion: 85 Resp: 71805

Ion Ratio Lower Upper

85 100

87 31.7 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

20000

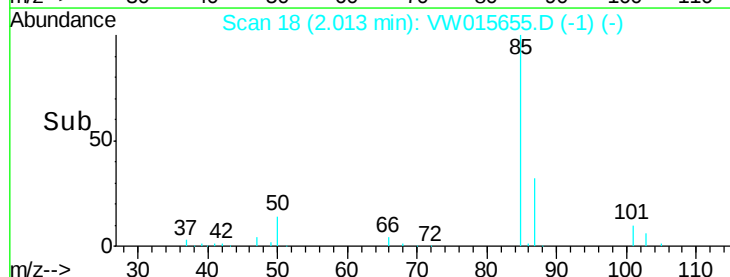
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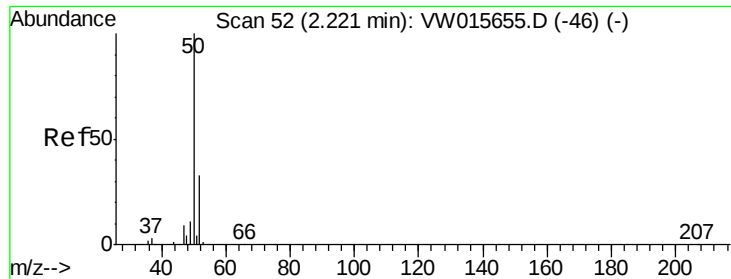
10000

5000

0

Time-->





#3

Chloromethane

Concen: 49.673 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 75068

Ion Ratio Lower Upper

50 100

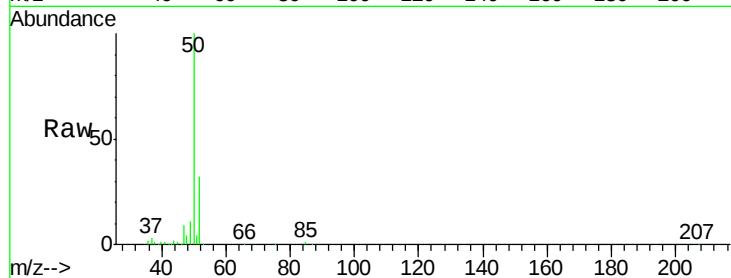
52 32.5 26.0 39.0

Manual Integrations

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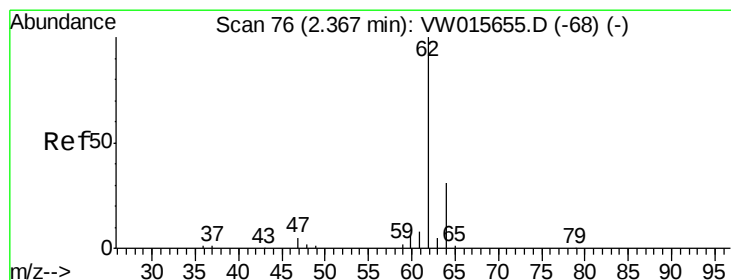
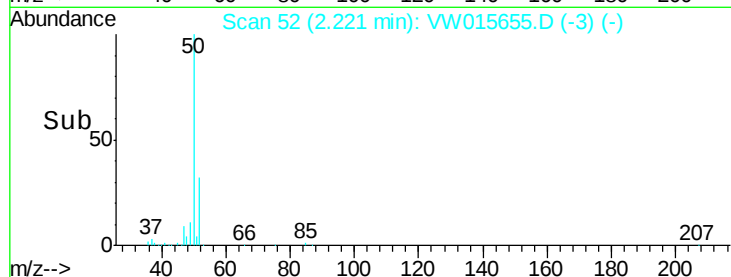
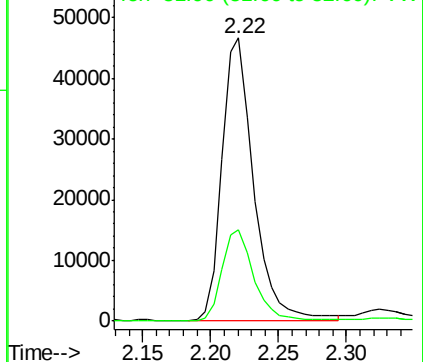
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 54.764 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015655.D

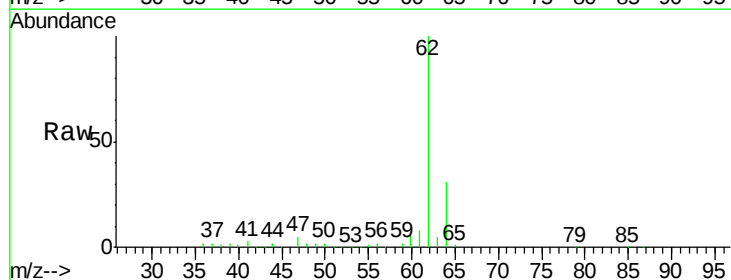
Acq: 23 Jun 2020 12:03

Tgt Ion: 62 Resp: 129937

Ion Ratio Lower Upper

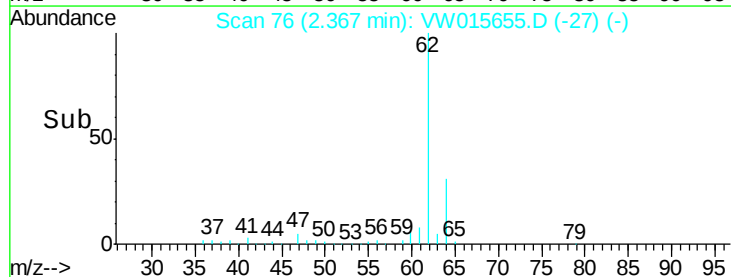
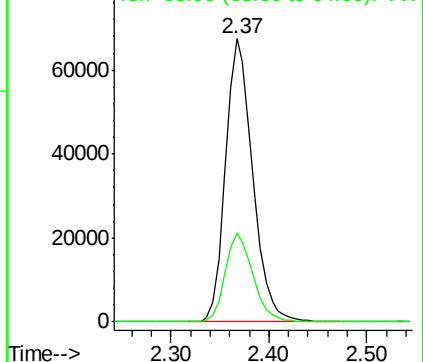
62 100

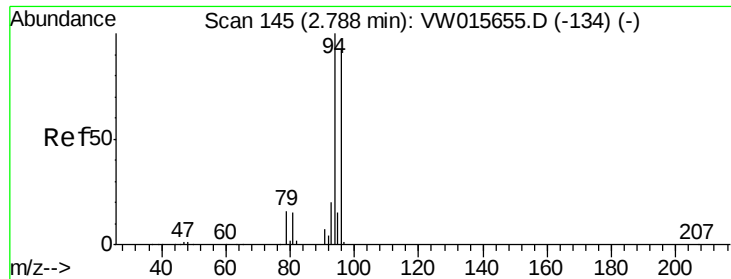
64 31.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 53.569 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 89402

Ion Ratio Lower Upper

94 100

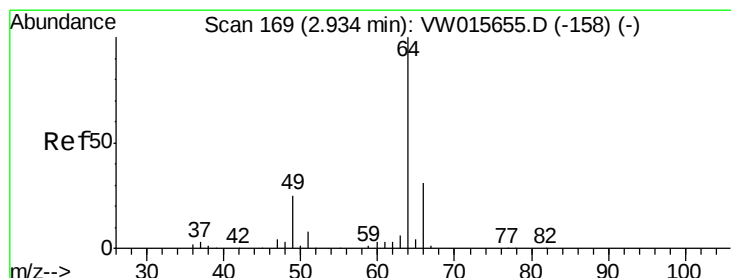
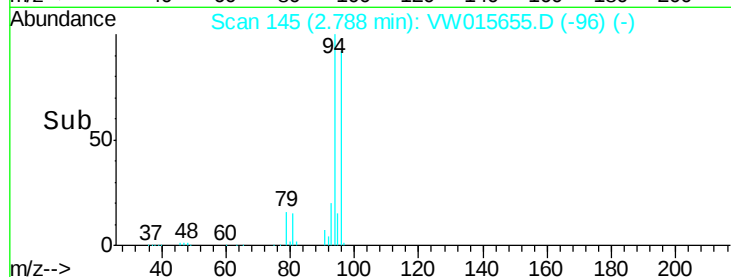
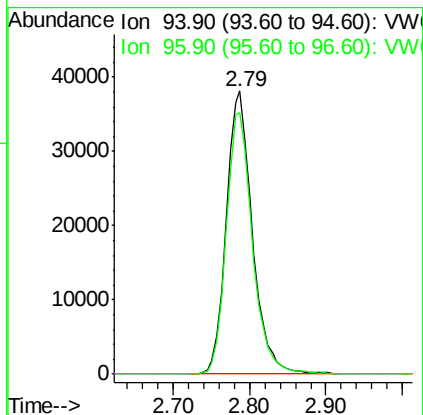
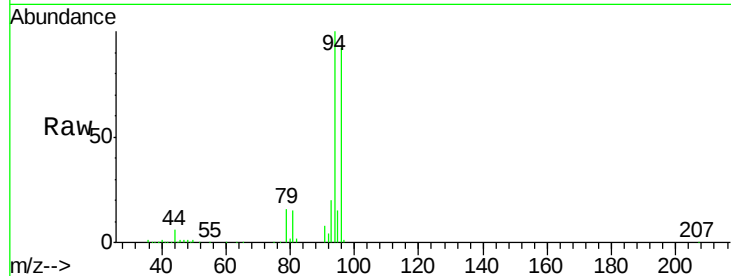
96 92.2 73.8 110.6

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#6

Chloroethane

Concen: 55.519 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.00 min

Lab File: VW015655.D

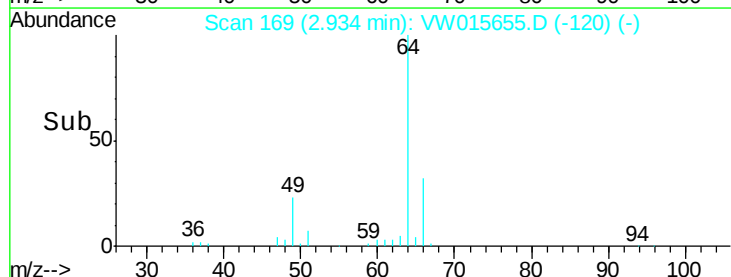
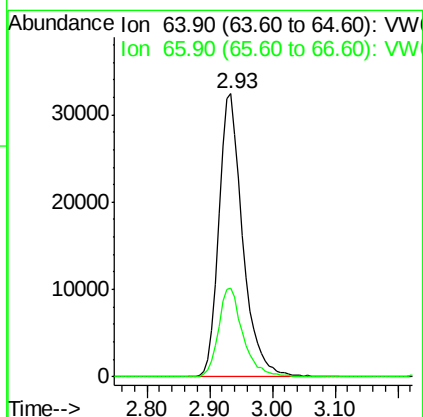
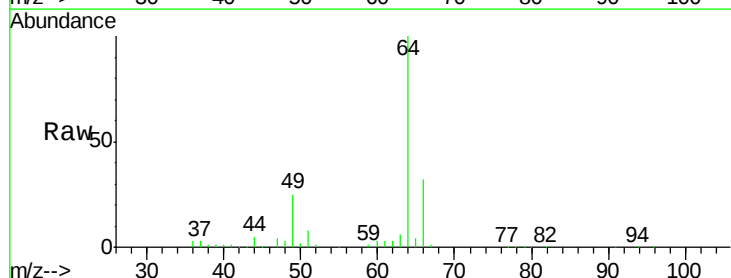
Acq: 23 Jun 2020 12:03

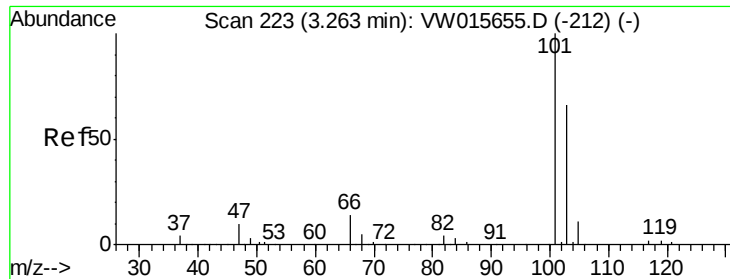
Tgt Ion: 64 Resp: 85291

Ion Ratio Lower Upper

64 100

66 31.6 25.3 37.9





#7

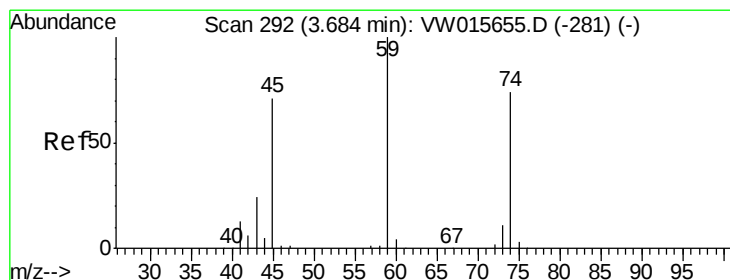
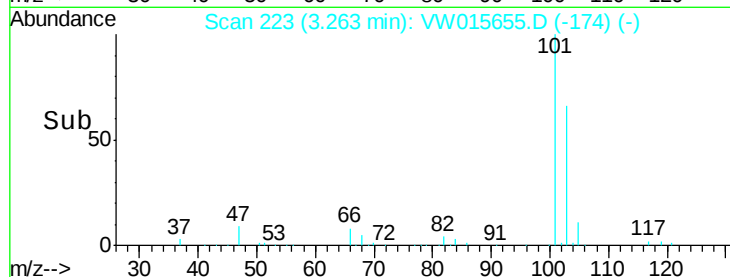
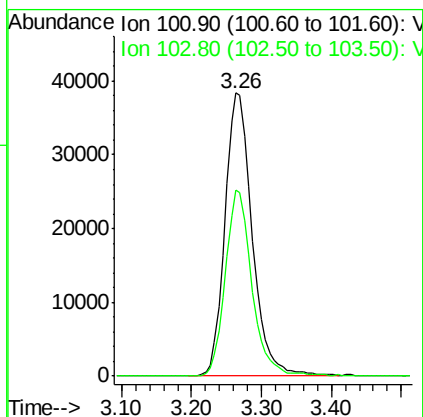
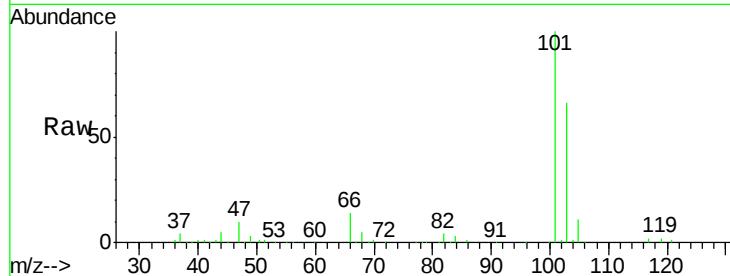
Trichlorofluoromethane
 Concen: 58.268 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.6	78.8

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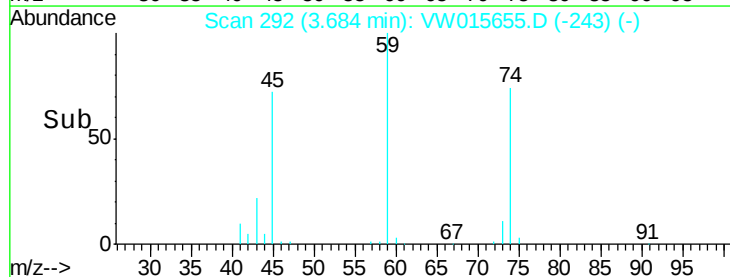
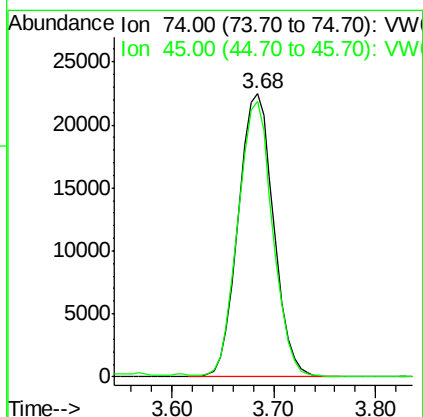
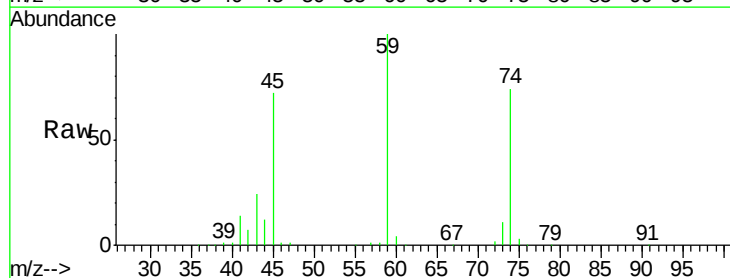
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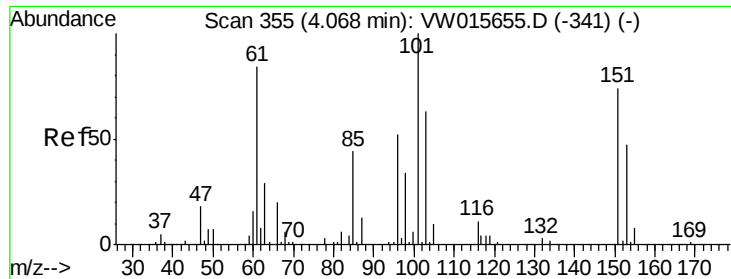


#8

Diethyl Ether
 Concen: 51.483 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.604 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

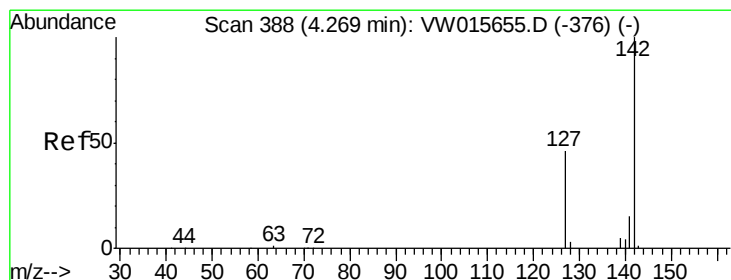
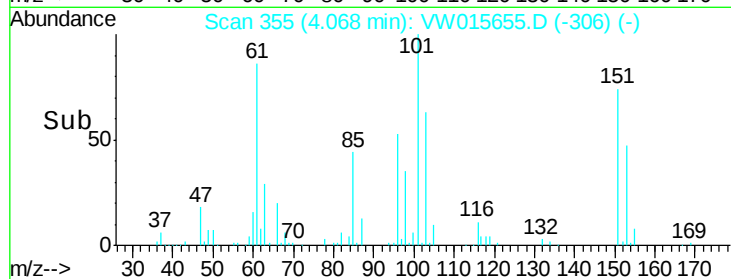
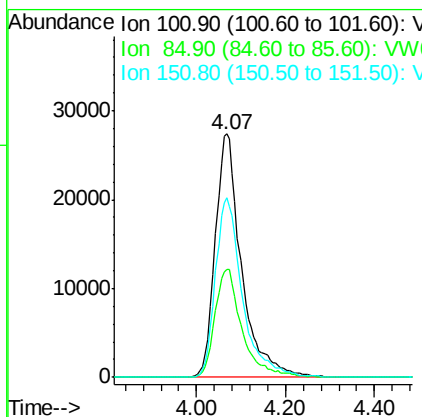
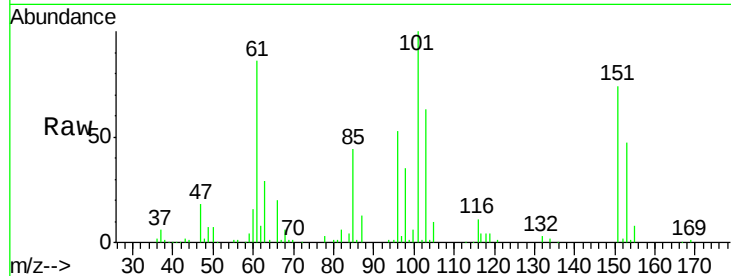
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	112562
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.6	55.0
151	75.5	60.4	90.6

Manual Integrations
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#10

Methyl Iodide

Concen: 51.164 ug/l

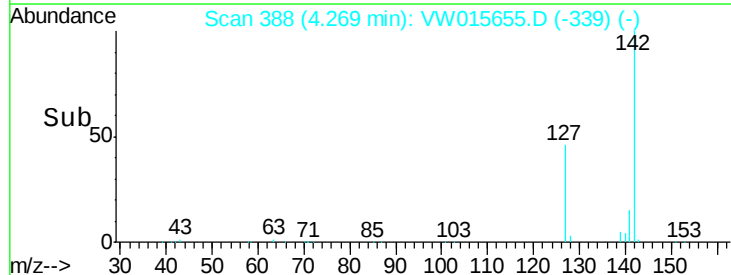
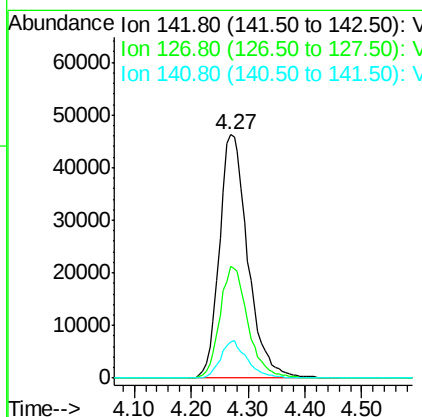
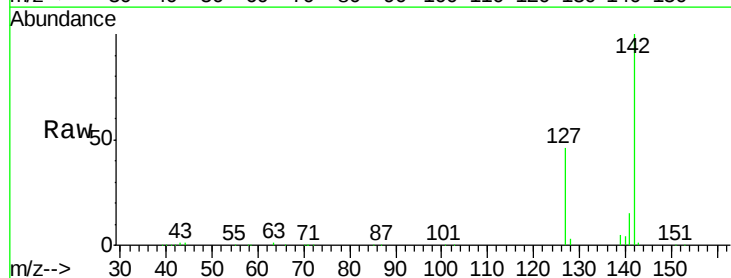
RT: 4.27 min Scan# 388

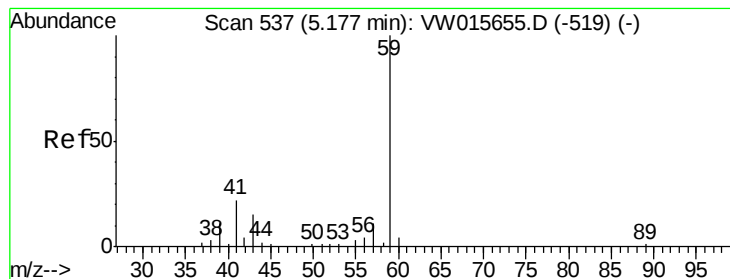
Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Tgt Ion:	142	Resp:	160119
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.4	54.6
141	14.5	11.6	17.4





#11

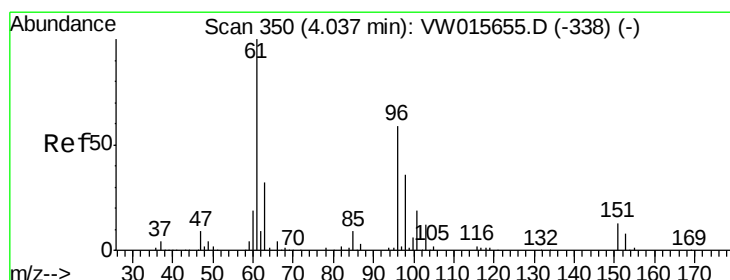
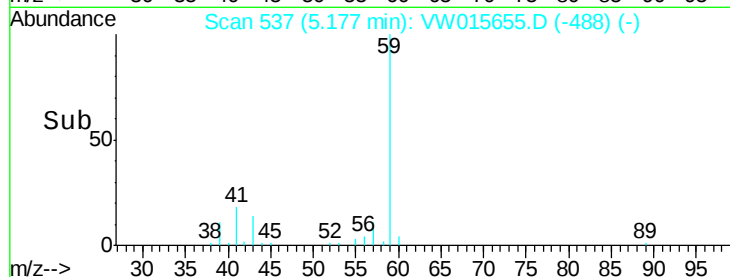
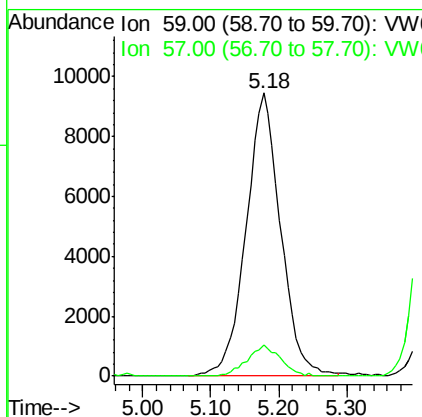
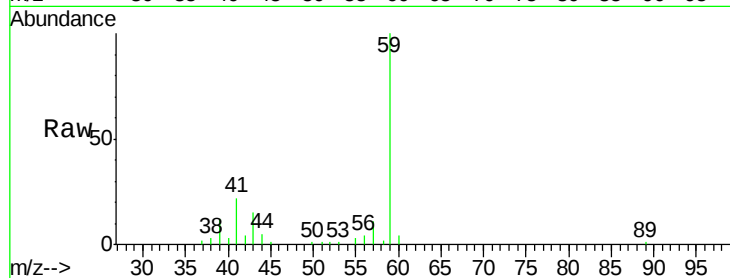
Tert butyl alcohol
 Concen: 191.342 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

Manual Integrations
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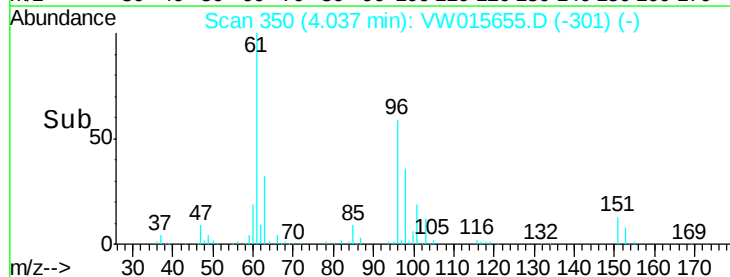
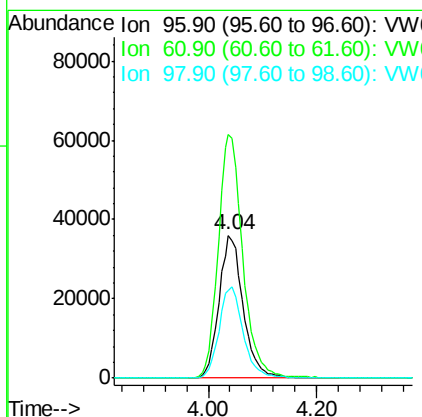
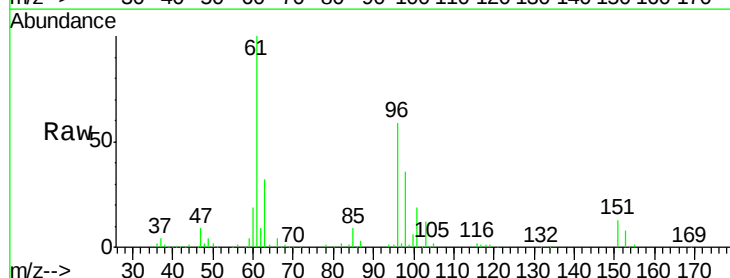
MMDadoda
 6/24/2020 10:58:14 AM

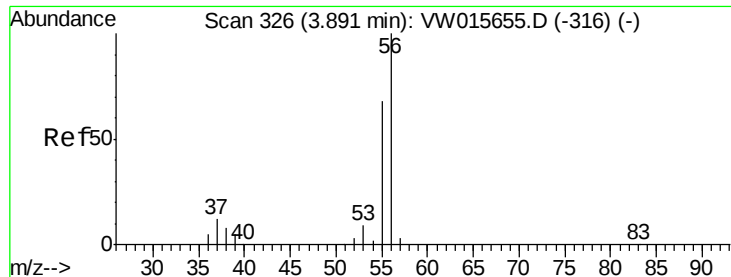


#12

1,1-Dichloroethene
 Concen: 52.308 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.9	136.7	205.1
98	61.5	49.2	73.8





#13

Acrolein

Concen: 275.847 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 39496

Ion Ratio Lower Upper

56 100

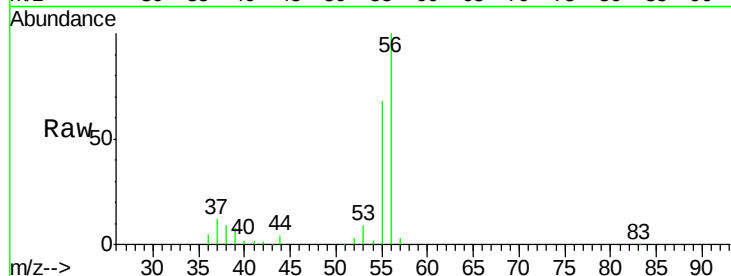
55 70.2 56.2 84.2

Manual Integrations

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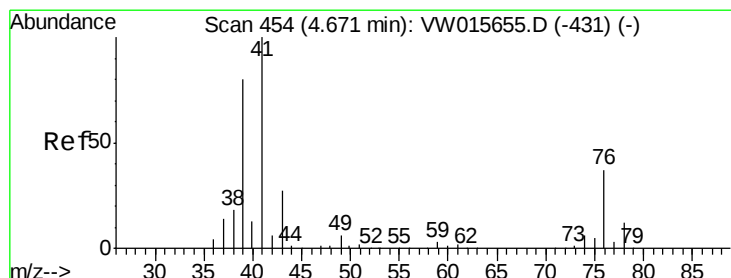
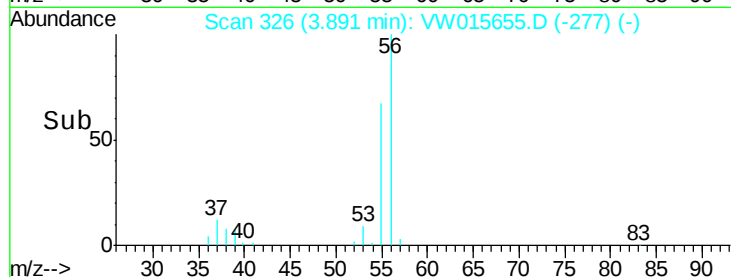
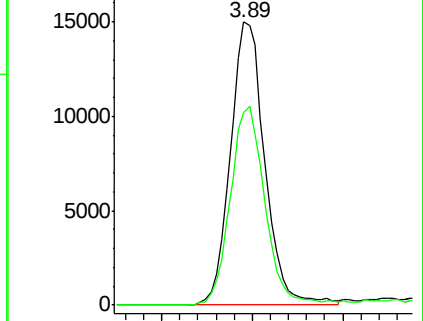
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 49.777 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

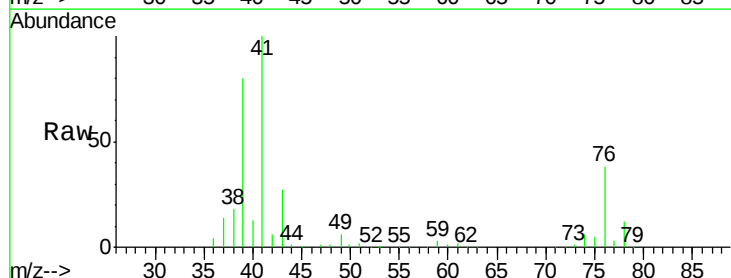
Tgt Ion: 41 Resp: 177260

Ion Ratio Lower Upper

41 100

39 80.8 64.6 97.0

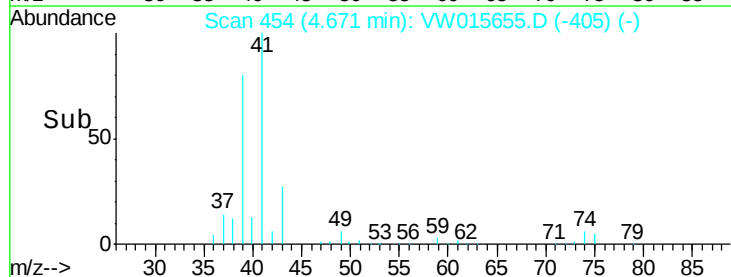
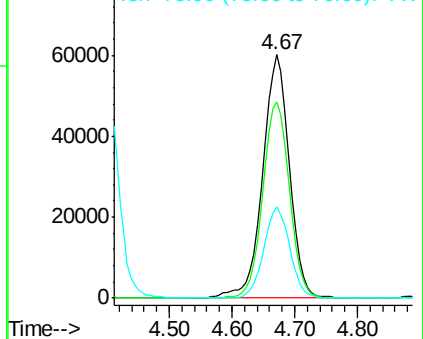
76 36.4 29.1 43.7

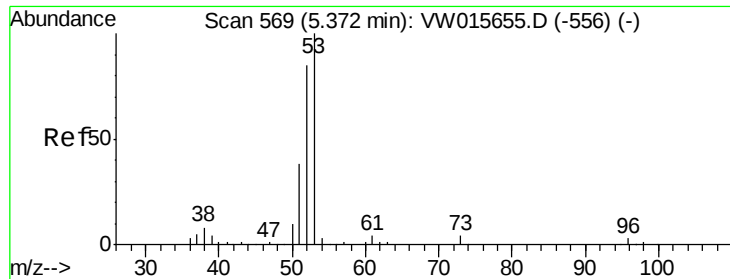


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 257.222 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

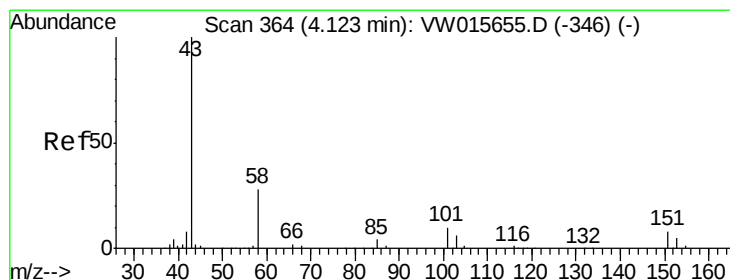
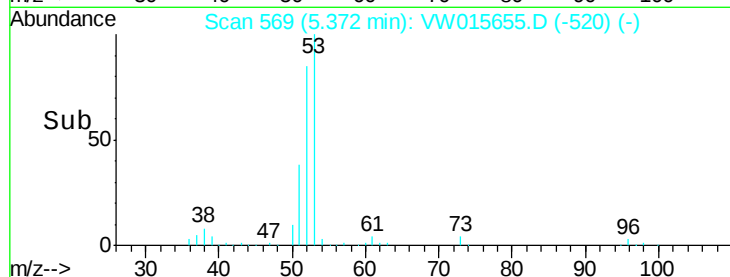
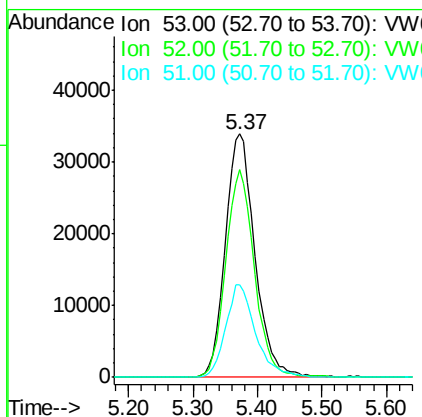
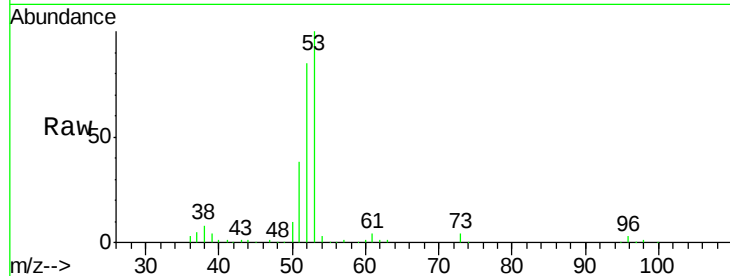
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	109592
Ion Ratio	Lower	Upper	
53	100		
52	82.2	65.8	98.6
51	38.4	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 263.980 ug/l

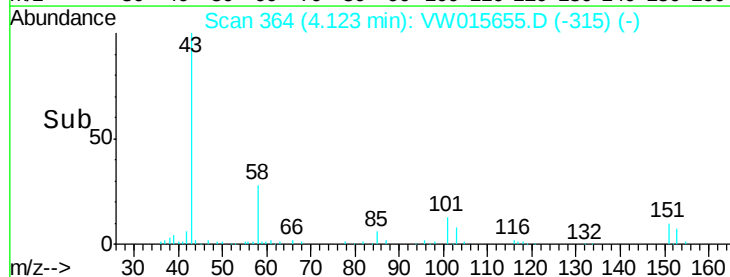
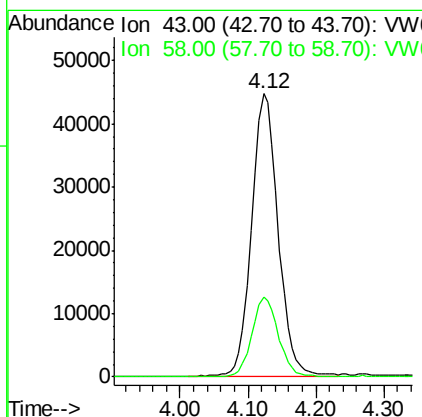
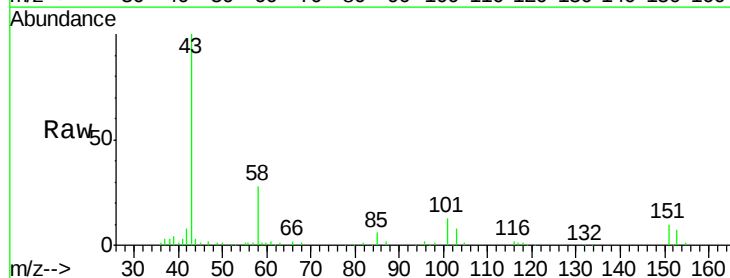
RT: 4.12 min Scan# 364

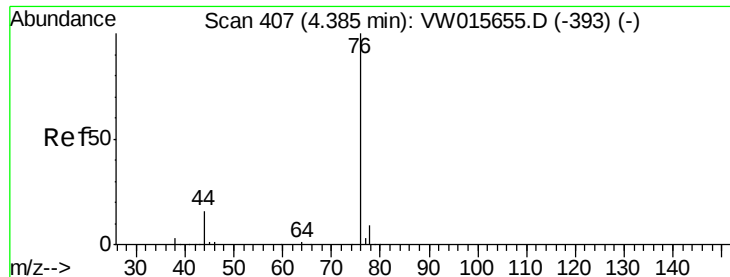
Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Tgt Ion:	43	Resp:	123029
Ion Ratio	Lower	Upper	
43	100		
58	28.2	22.6	33.8





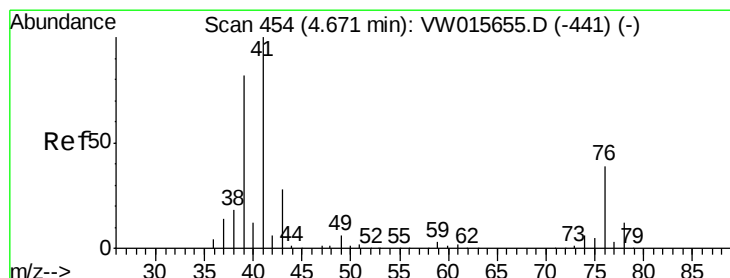
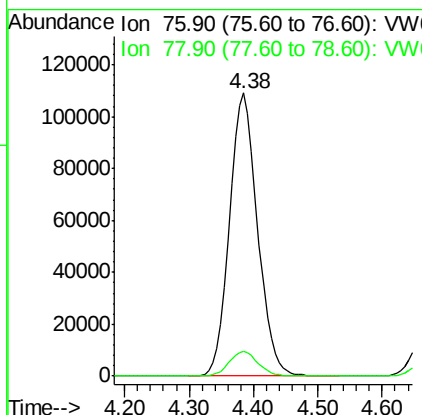
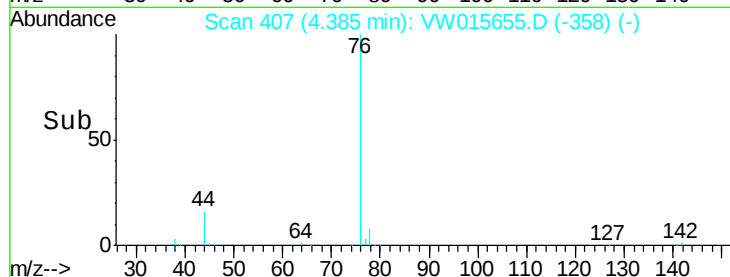
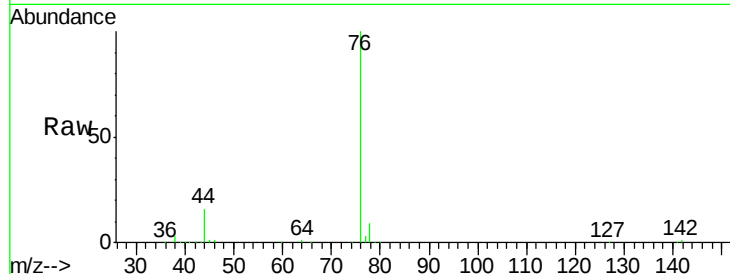
#17
Carbon Disulfide
Concen: 52.453 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

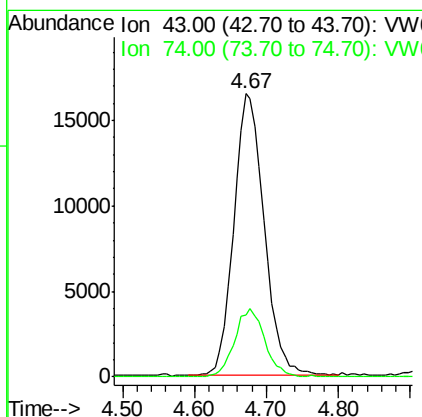
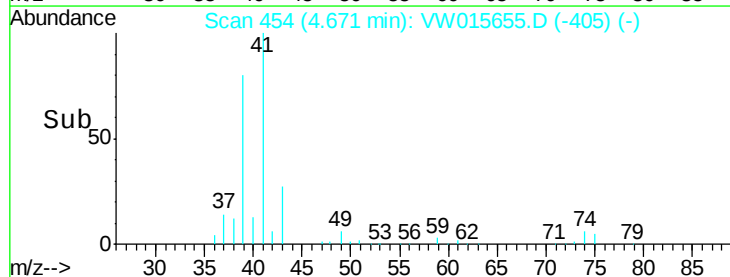
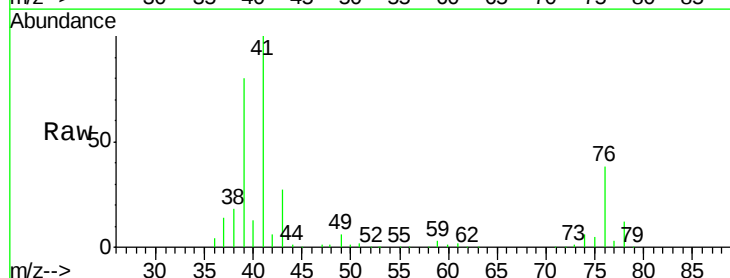
Manual Integrations
APPROVED

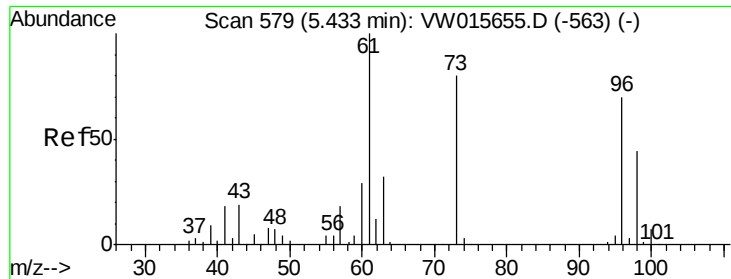
MMDadoda
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#18
Methyl Acetate
Concen: 47.730 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.0	28.6





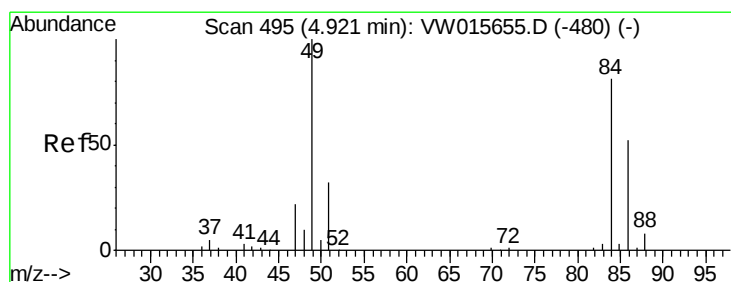
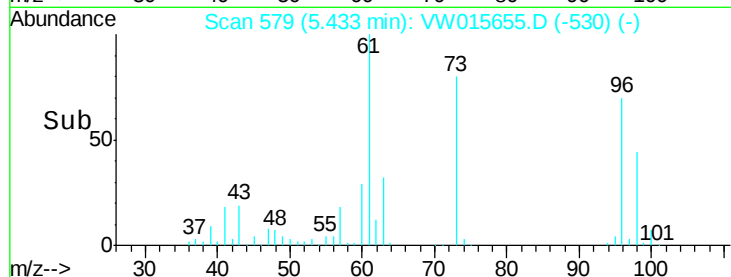
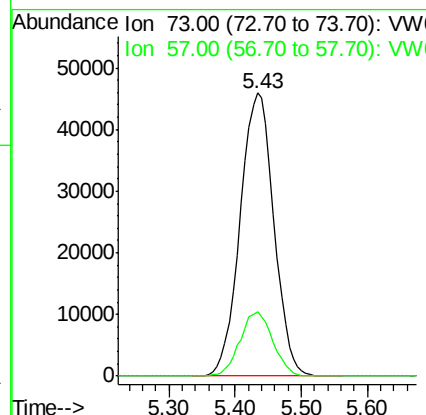
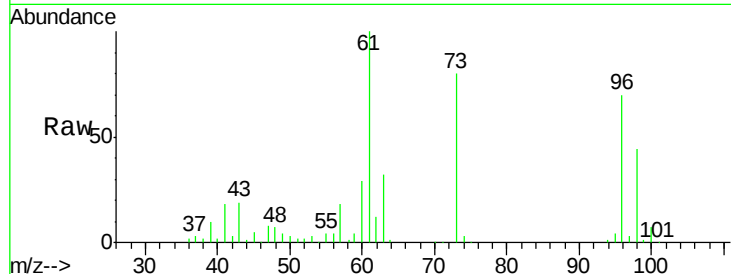
#19
Methyl tert-butyl Ether
Concen: 50.632 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 73 Resp: 162416
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1

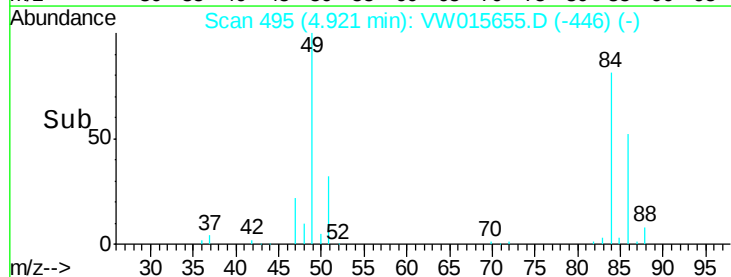
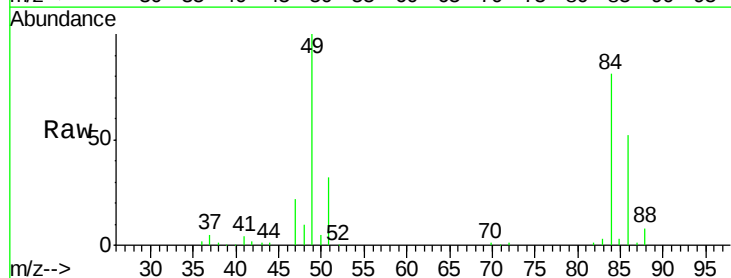
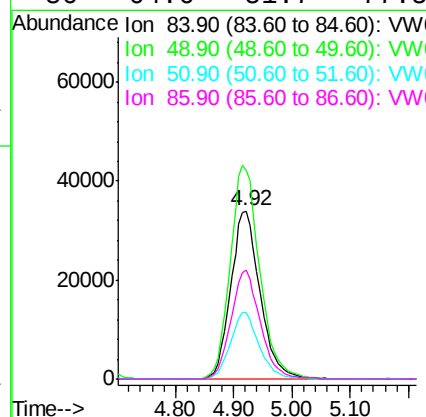
Manual Integrations
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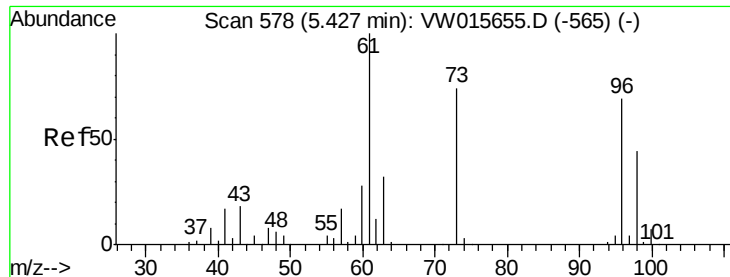
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#20
Methylene Chloride
Concen: 49.042 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion: 84 Resp: 118377
Ion Ratio Lower Upper
84 100
49 124.1 99.3 148.9
51 39.7 31.8 47.6
86 64.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 52.077 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

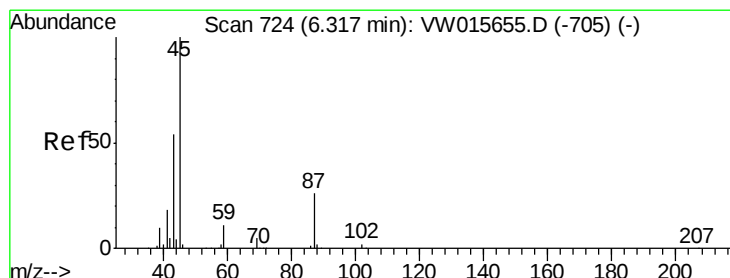
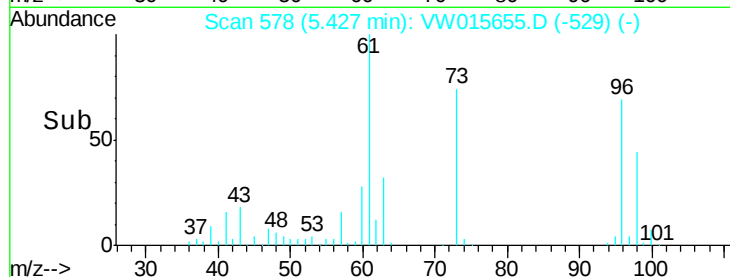
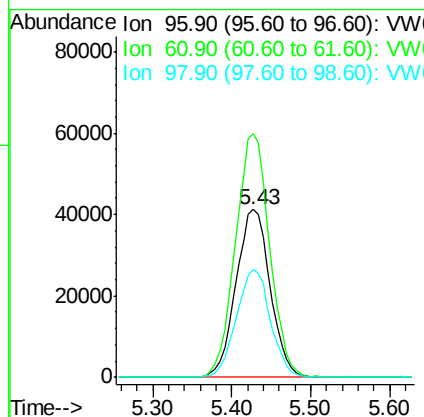
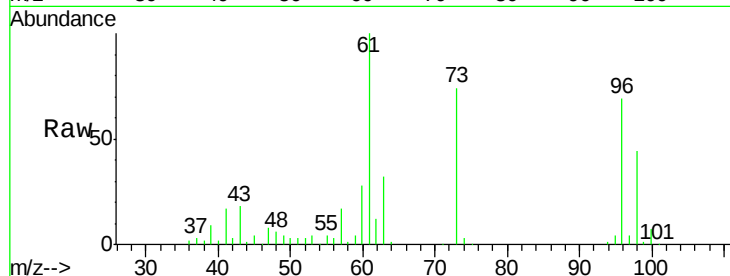
ClientSampled :

VSTDICCC050

Tot Ion:	96	Resp:	124327
Ion	Ratio	Lower	Upper
96	100		
61	145.2	116.2	174.2
98	64.2	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.076 ug/l

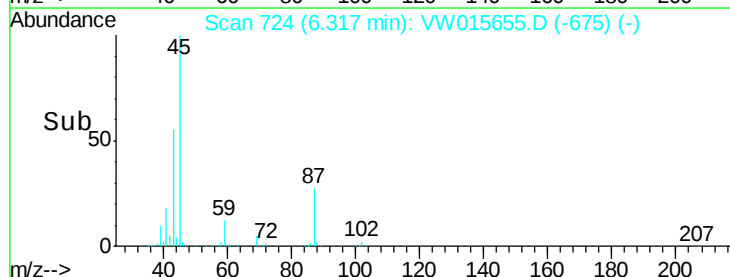
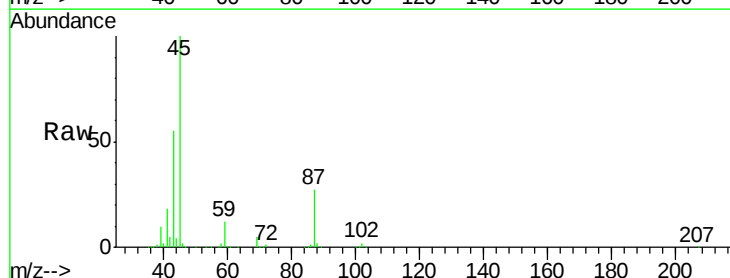
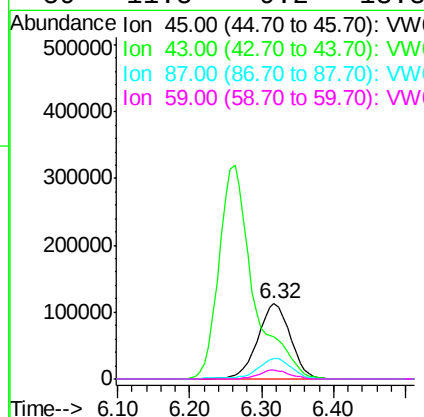
RT: 6.32 min Scan# 724

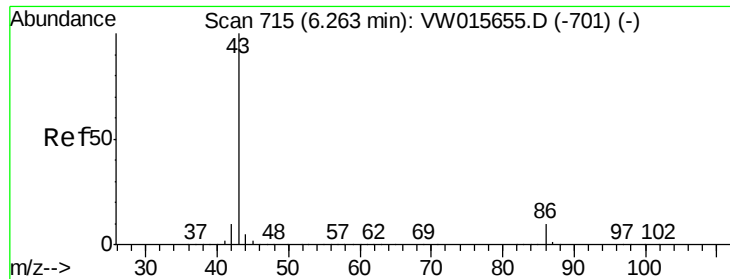
Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Tgt Ion:	45	Resp:	358649
Ion	Ratio	Lower	Upper
45	100		
43	54.9	43.9	65.9
87	26.5	21.2	31.8
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 267.859 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1061669

Ion Ratio Lower Upper

43 100

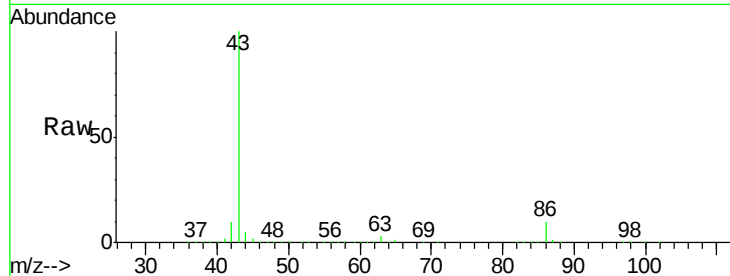
86 10.4 8.3 12.5

Manual Integrations

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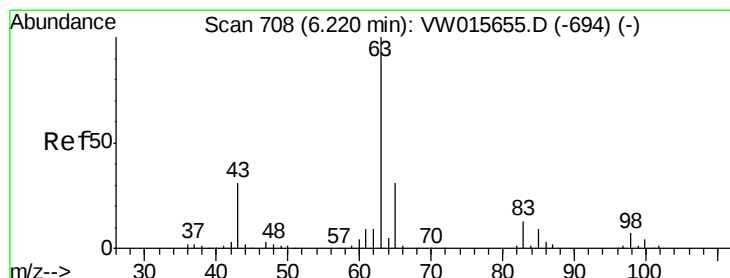
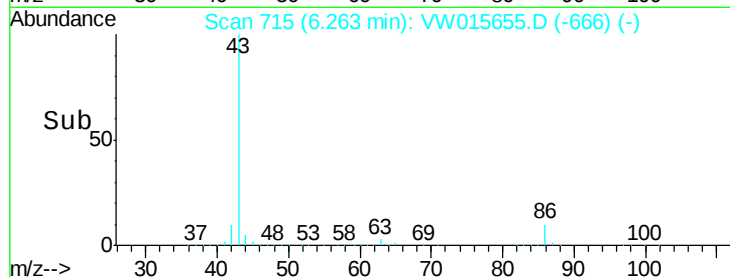
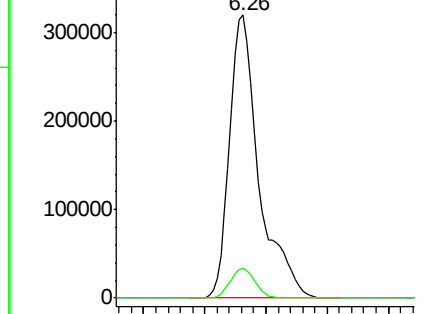
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.329 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

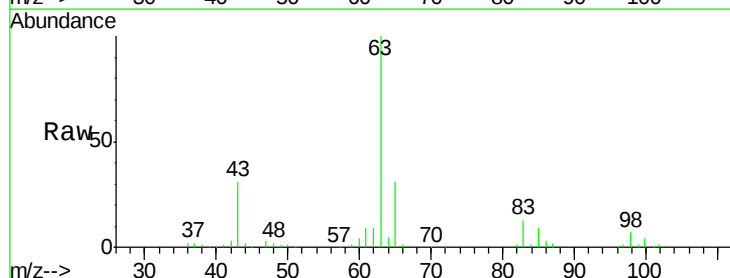
Tgt Ion: 63 Resp: 218706

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

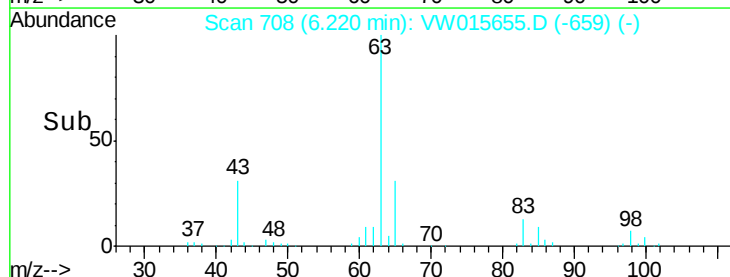
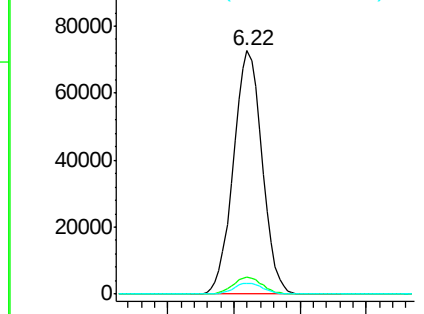
100 4.2 2.1 6.3

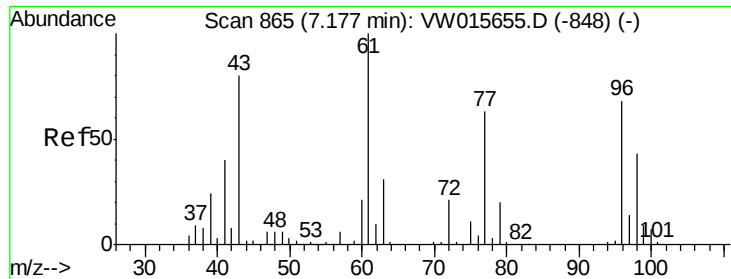


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





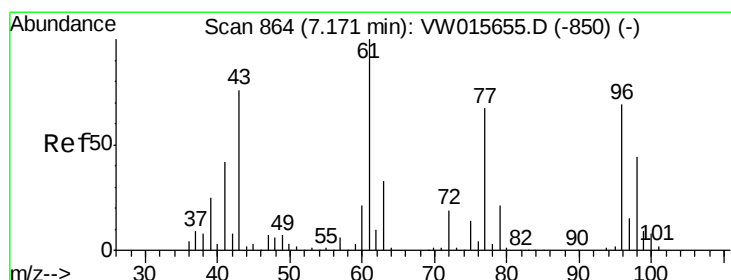
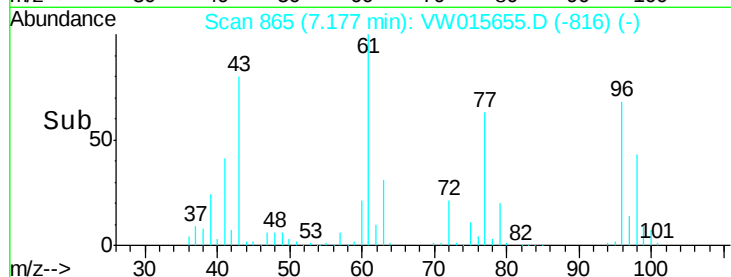
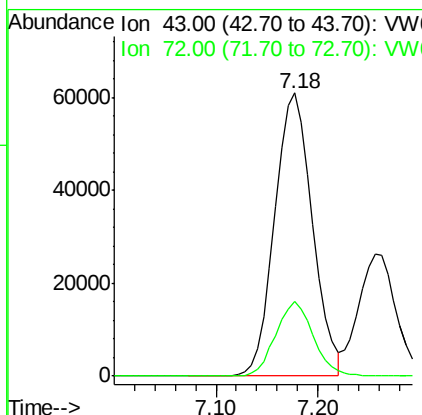
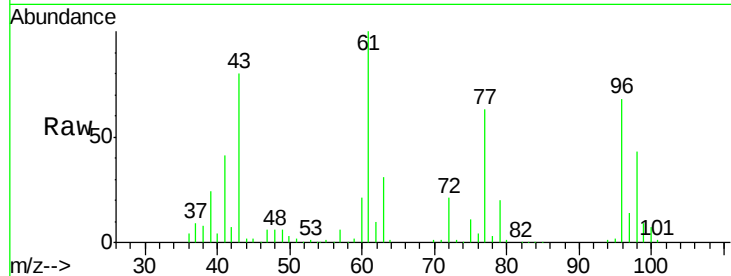
#25
2-Butanone
Concen: 261.173 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 156599
Ion Ratio Lower Upper
43 100
72 26.4 21.1 31.7

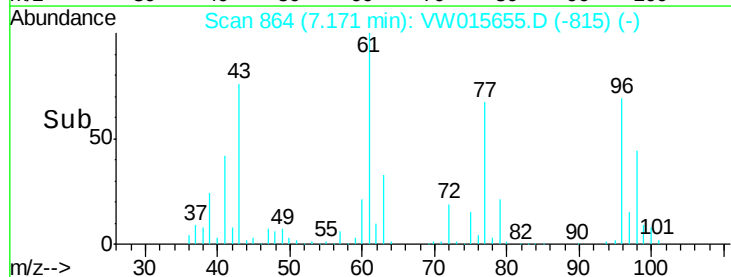
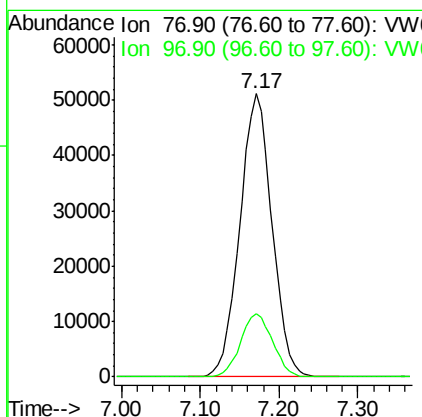
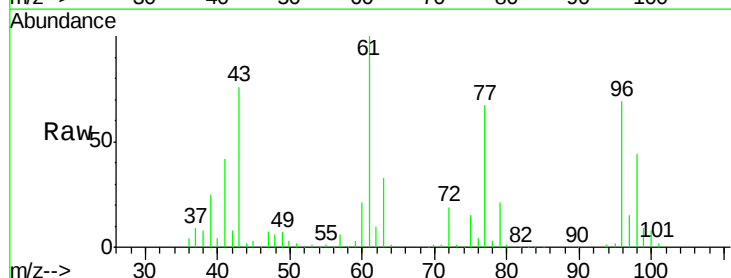
Manual Integrations
APPROVED

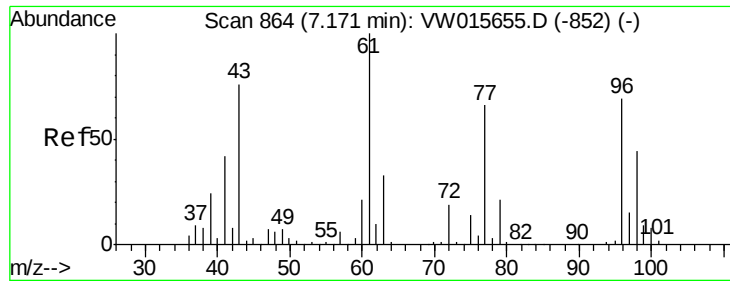
MMDadoda
6/24/2020 10:58:14 AM



#26
2,2-Dichloropropane
Concen: 48.384 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion: 77 Resp: 144659
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5





#27

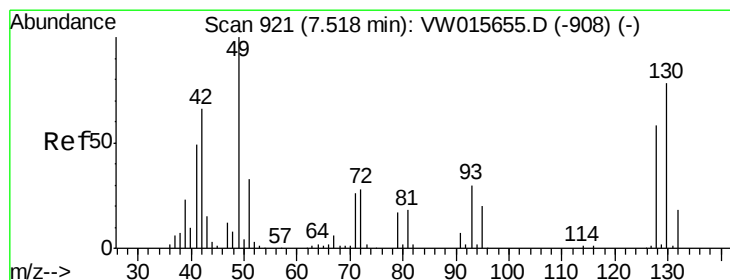
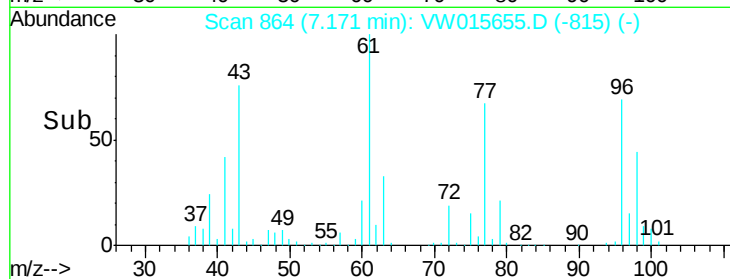
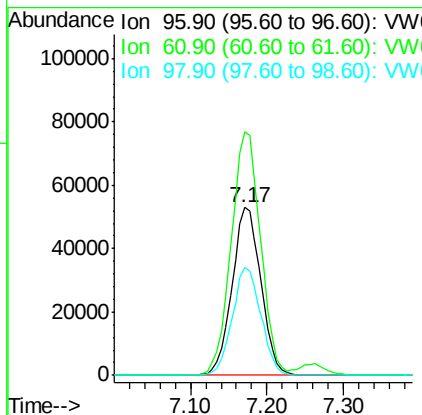
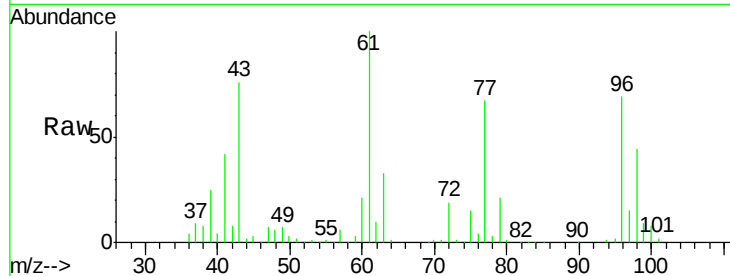
cis-1,2-Dichloroethene
Concen: 52.893 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	137321		
61	148.4	0.0	296.8	
98	64.0	0.0	128.0	

Manual Integrations
APPROVED

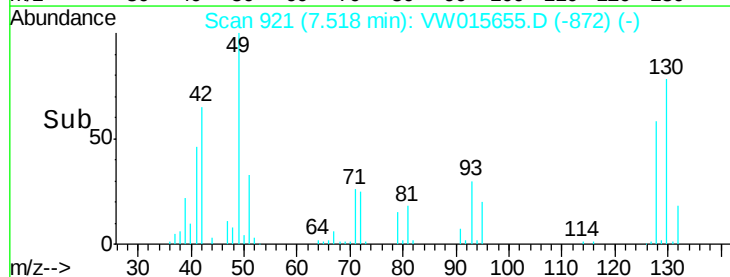
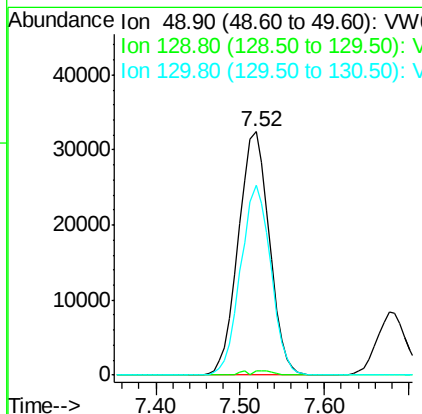
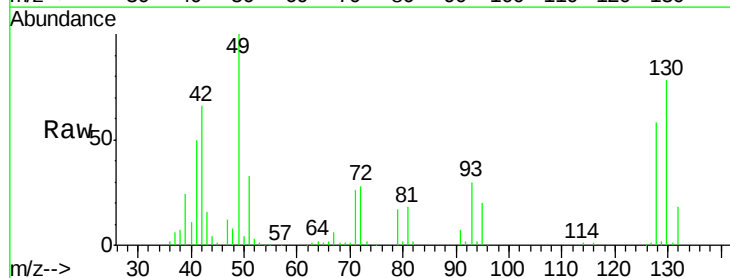
MMDadoda
6/24/2020 10:58:14 AM

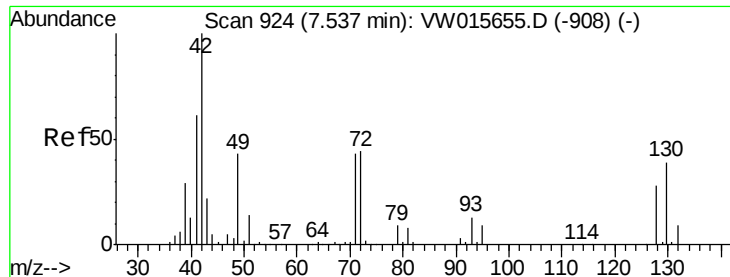


#28

Bromochloromethane
Concen: 50.444 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	80575		
129	1.1	0.0	2.2	
130	76.2	61.0	91.4	





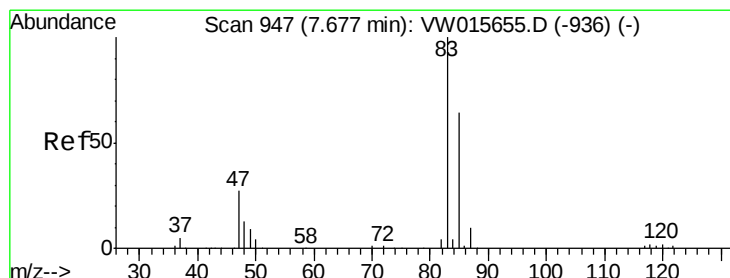
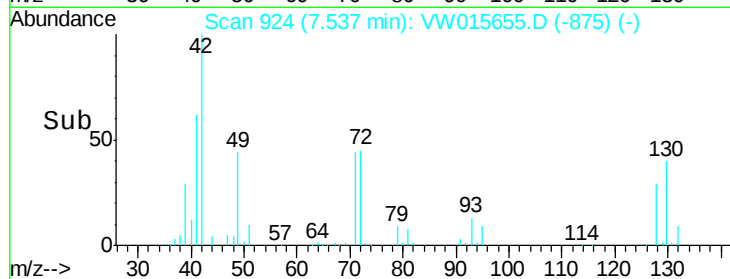
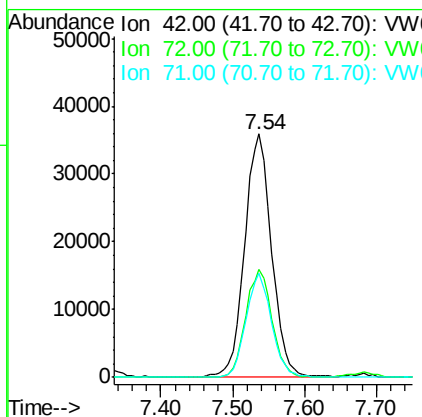
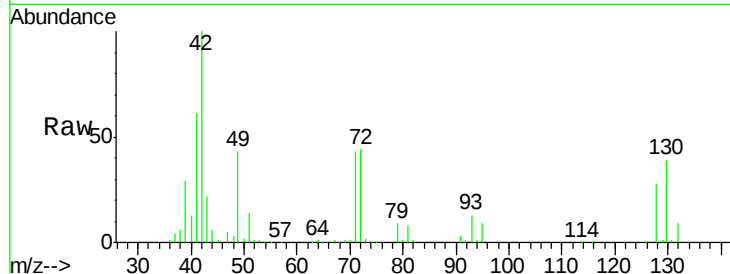
#29
Tetrahydrofuran
Concen: 258.854 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.0	52.6
71	40.8	32.6	49.0

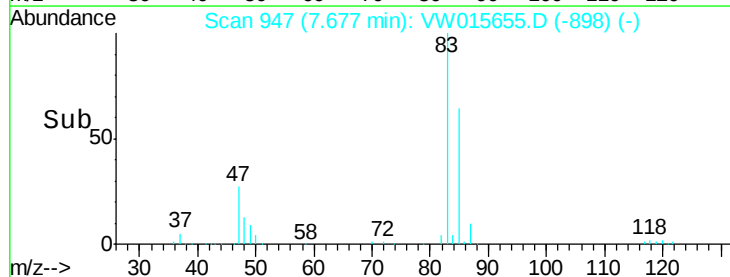
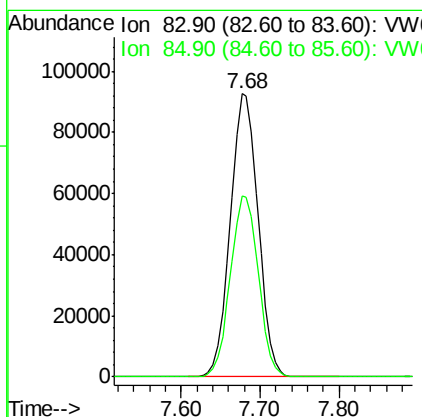
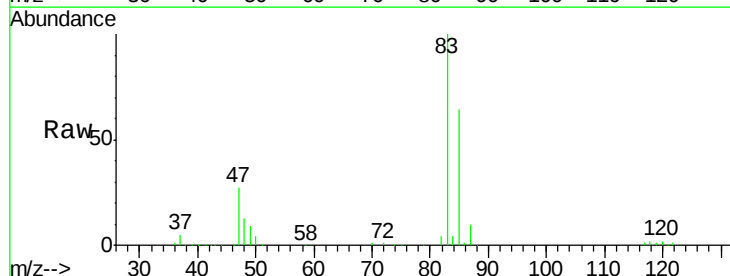
Manual Integrations
APPROVED

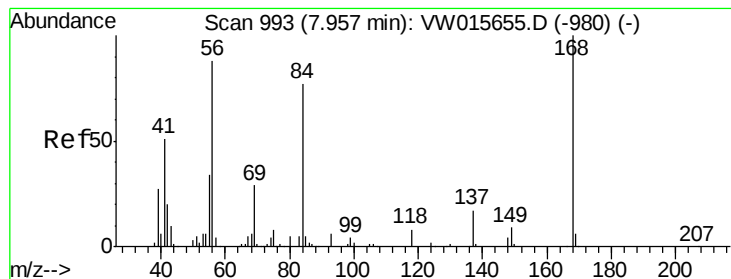
MMDadoda
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#30
Chloroform
Concen: 52.819 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.4





#31

Cyclohexane

Concen: 50.507 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

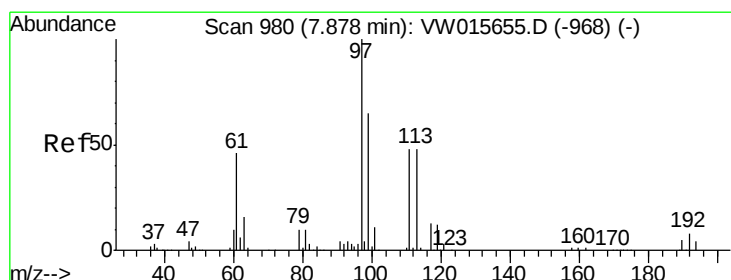
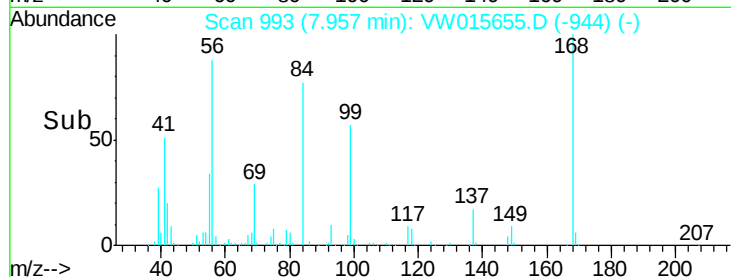
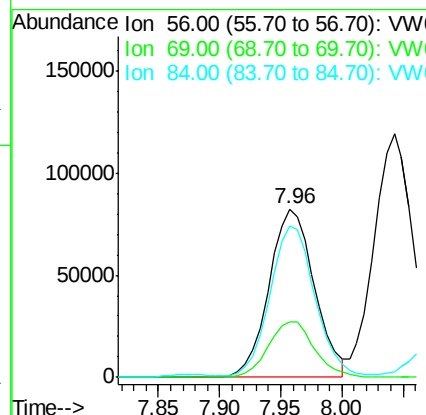
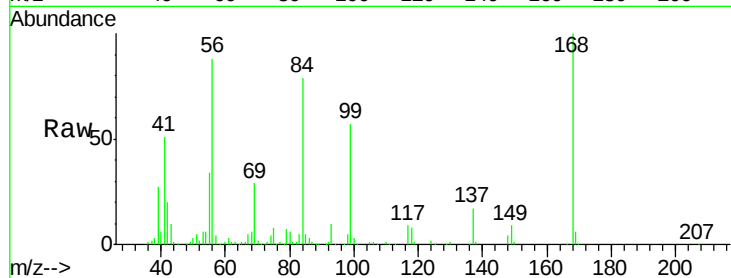
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	212317
Ion Ratio	Lower	Upper	
56	100		
69	32.8	26.2	39.4
84	88.0	70.4	105.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.138 ug/l

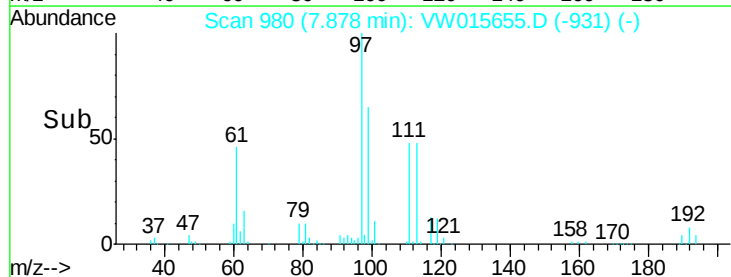
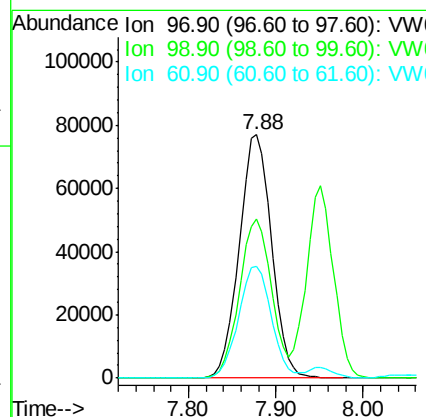
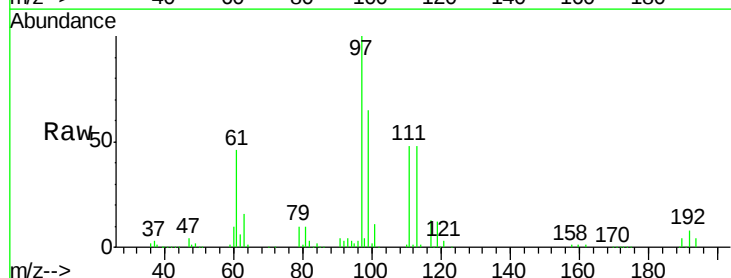
RT: 7.88 min Scan# 980

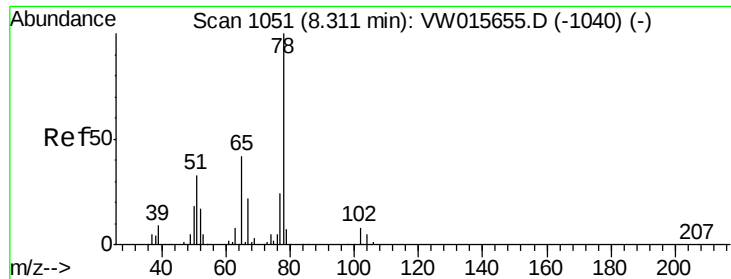
Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Tgt Ion:	97	Resp:	198168
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.9	77.9
61	46.6	37.3	55.9





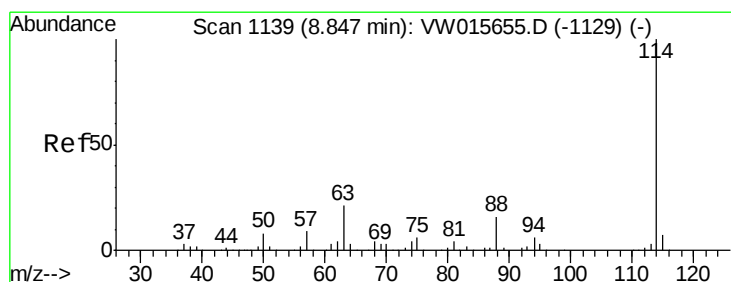
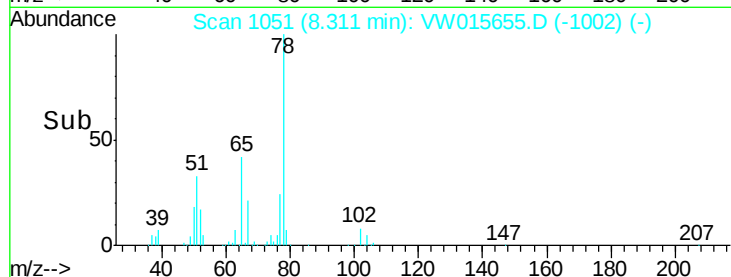
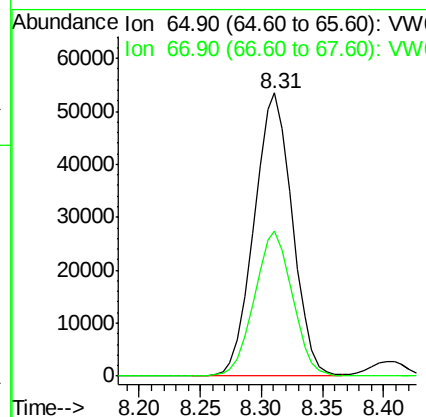
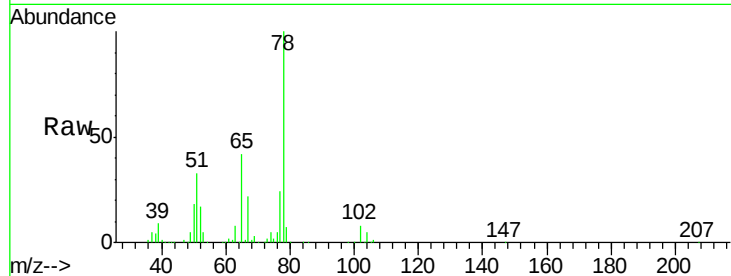
#33
 1,2-Dichloroethane-d4
 Concen: 50.342 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	115963		
67	51.1	0.0	102.2	

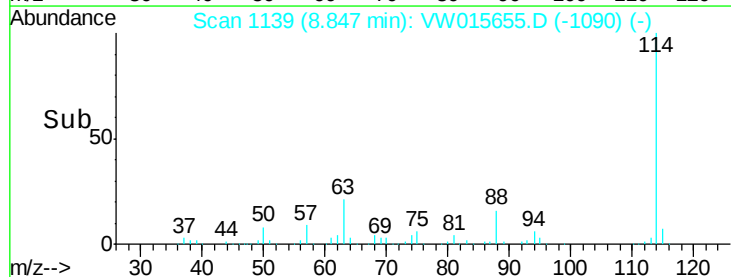
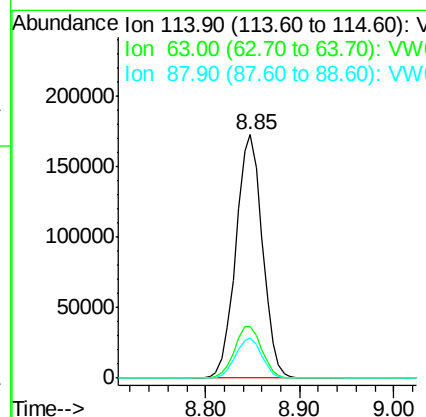
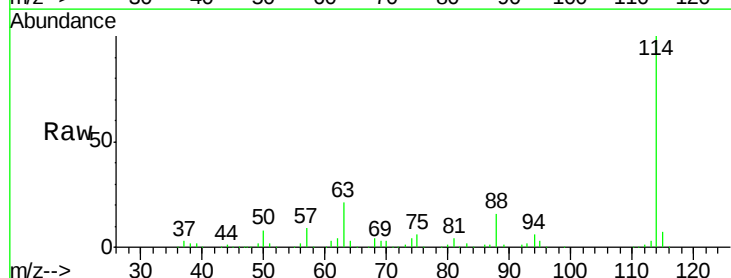
Manual Integrations
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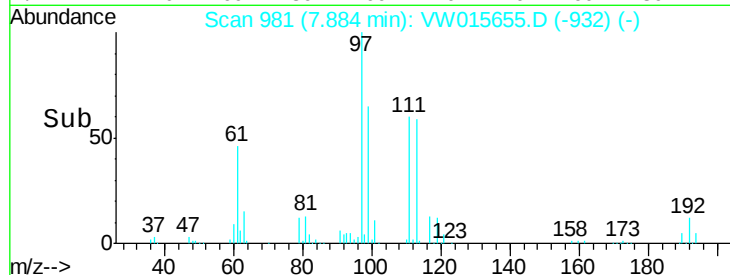
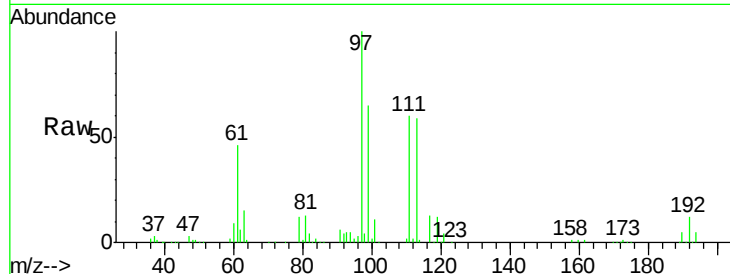
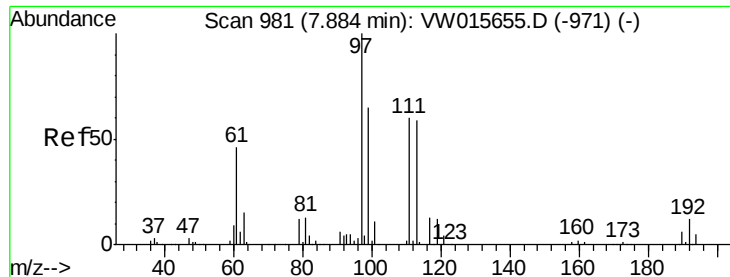
MMDadoda
 6/24/2020 10:58:14 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	337679		
63	21.2	0.0	42.4	
88	16.3	0.0	32.6	





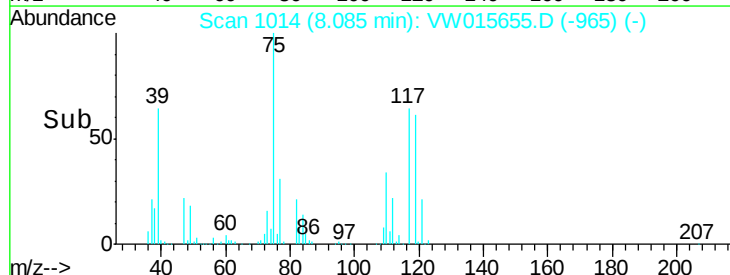
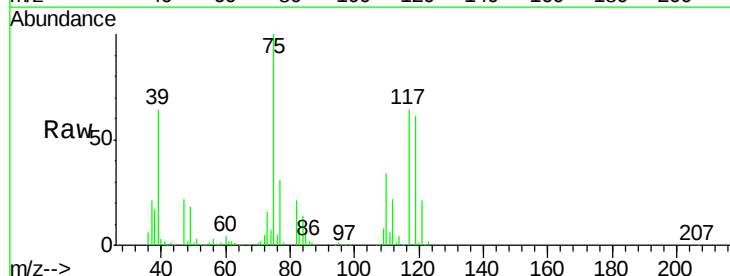
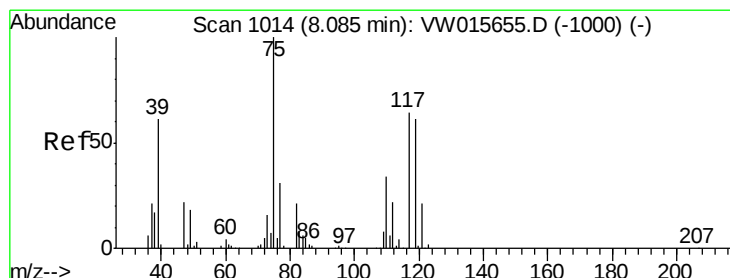
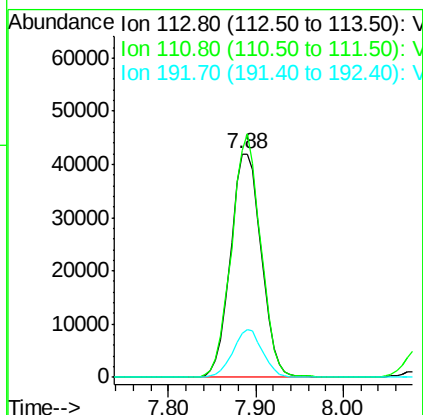
#35
Dibromofluoromethane
Concen: 51.567 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tot Ion	113	Resp	103190
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.3	123.5
192	20.5	16.4	24.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

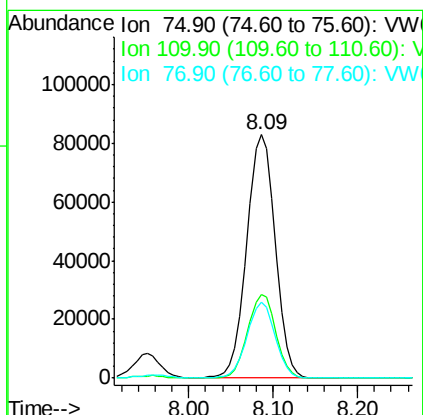
Manual Integrations
APPROVED

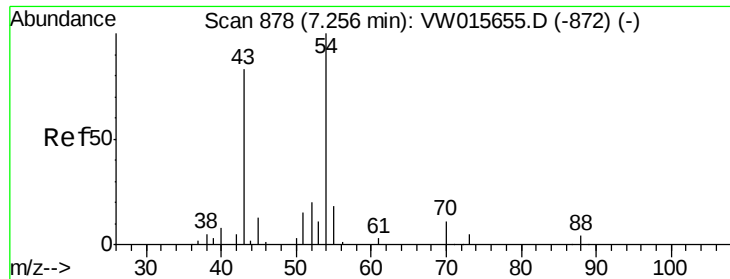
MMDadoda
6/24/2020 10:58:14 AM



#36
1,1-Dichloropropene
Concen: 54.747 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion	75	Resp	189274
Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.0	51.0
77	30.7	24.6	36.8





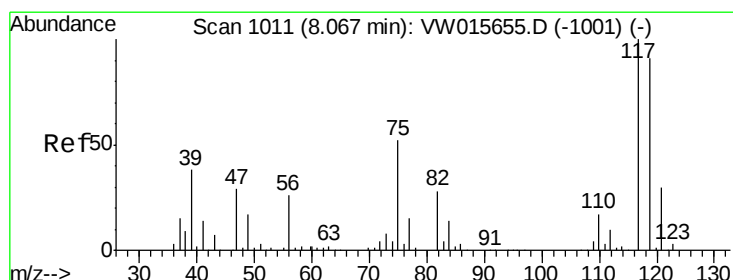
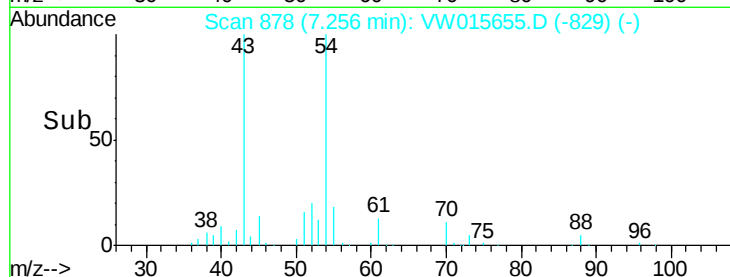
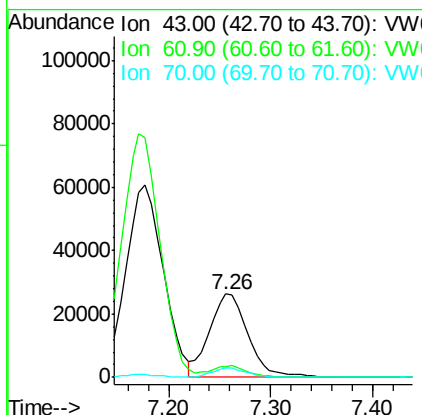
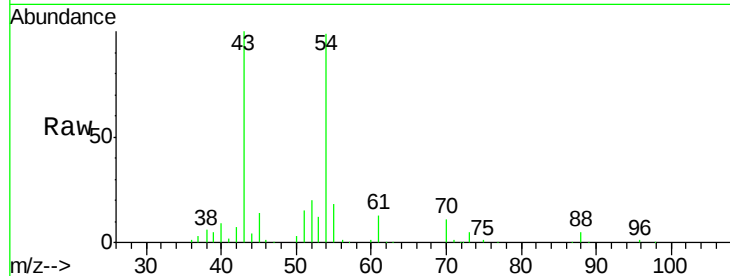
#37
Ethyl Acetate
Concen: 52.388 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	10.5	8.4	12.6

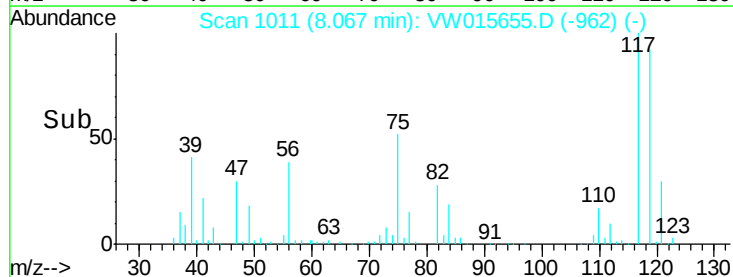
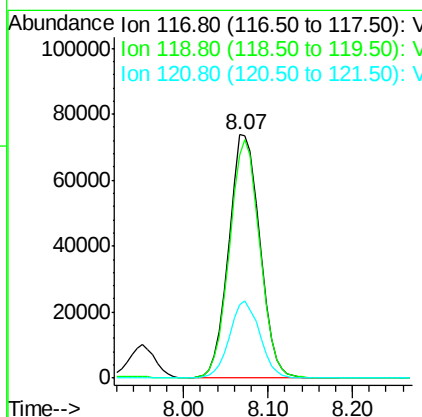
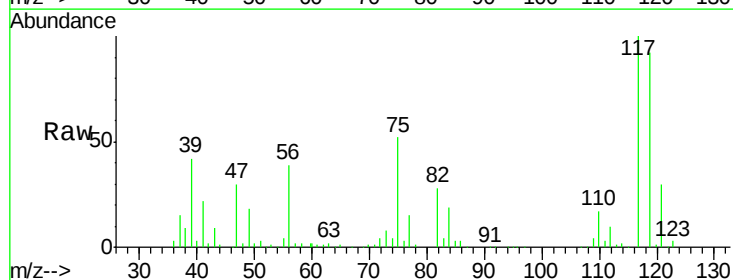
Manual Integrations
APPROVED

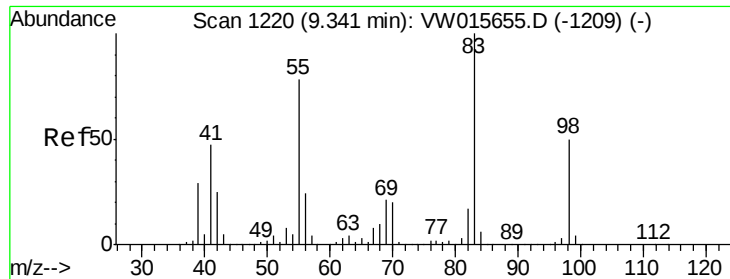
MMDadoda
6/24/2020 10:58:14 AM



#38
Carbon Tetrachloride
Concen: 54.859 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	73.2	109.8
121	29.9	23.9	35.9





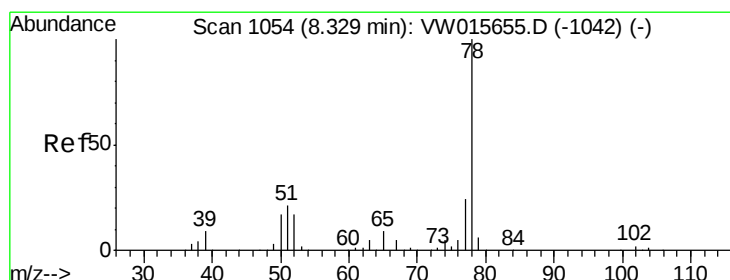
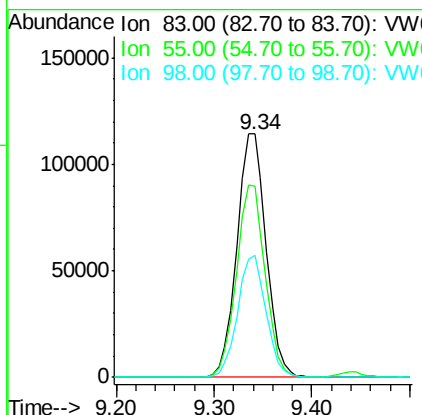
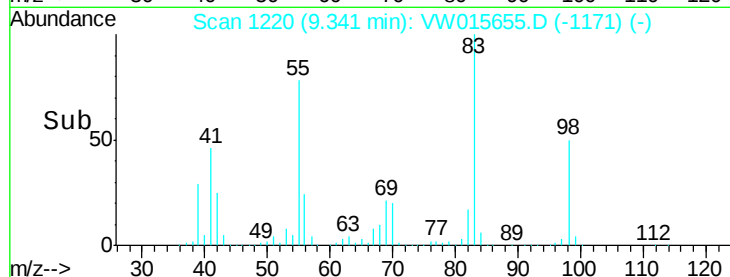
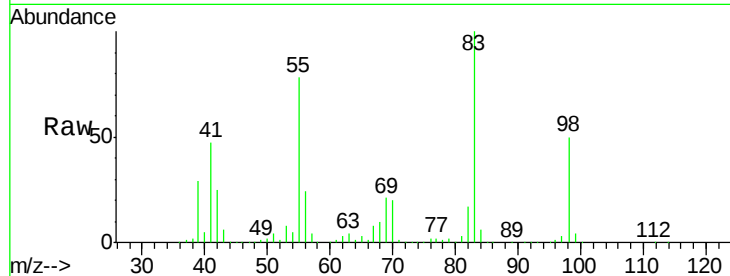
#39
Methvlcvclohexane
Concen: 55.533 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	62.8	94.2
98	49.9	39.9	59.9

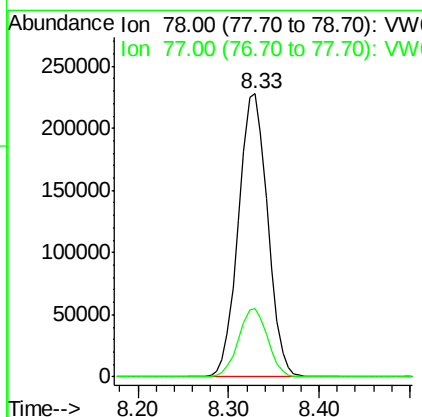
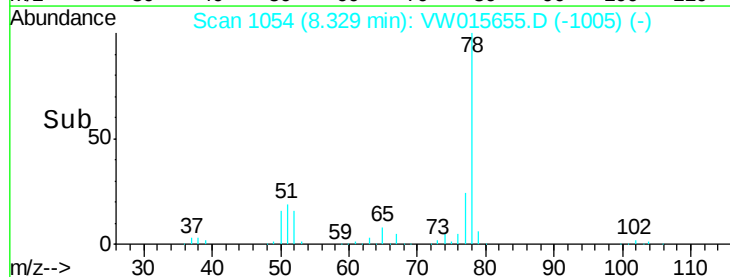
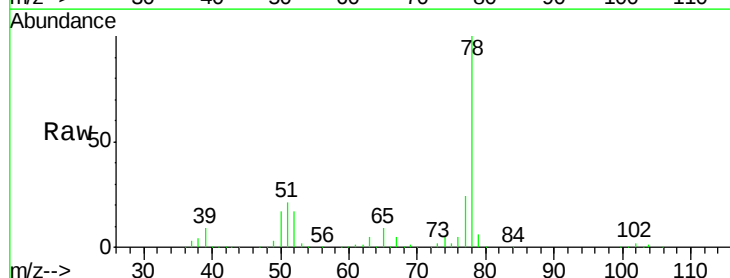
Manual Integrations
APPROVED

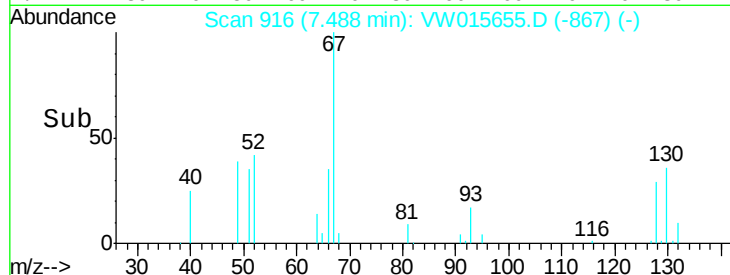
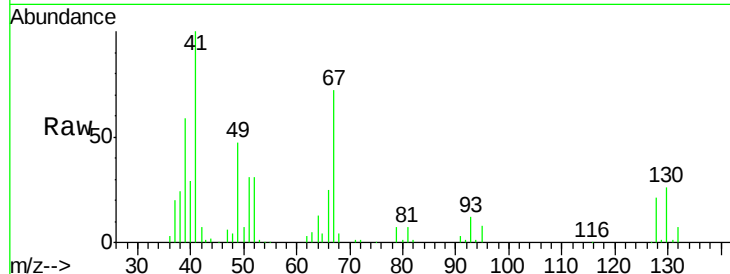
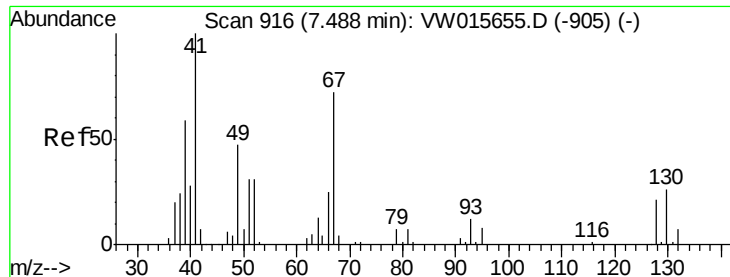
MMDadoda
6/24/2020 10:58:14 AM



#40
Benzene
Concen: 54.708 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





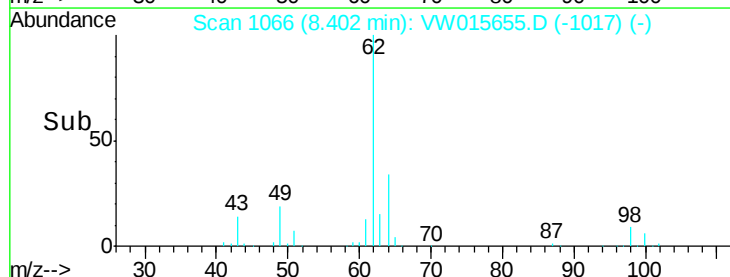
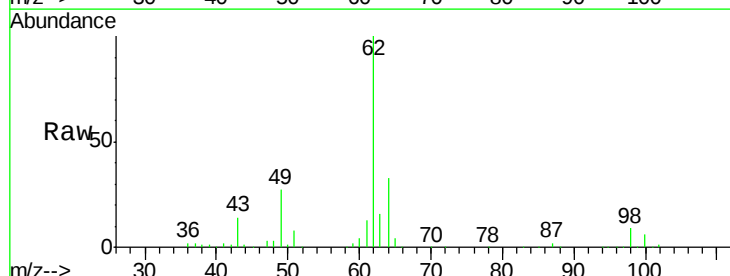
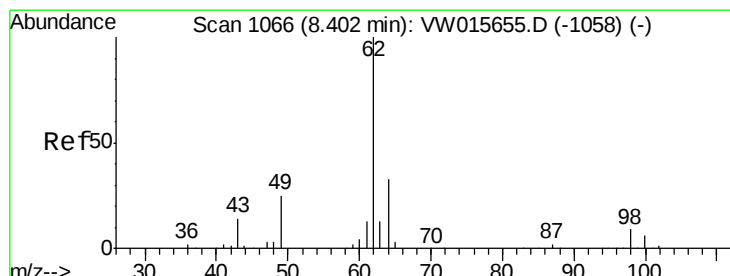
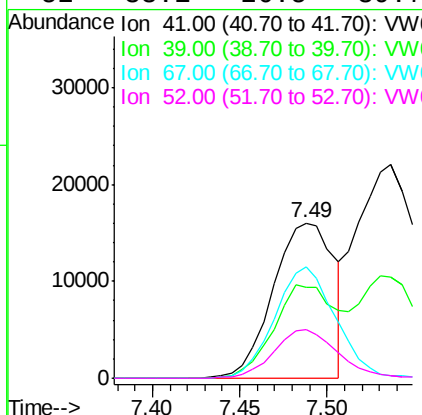
#41
Methacrylonitrile
Concen: 52.887 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.0	52.0	78.0
67	71.9	57.5	86.3
52	33.1	26.5	39.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

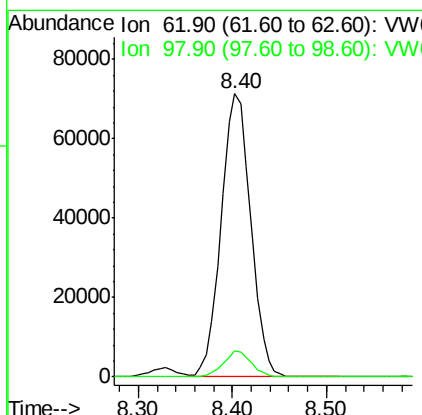
Manual Integrations
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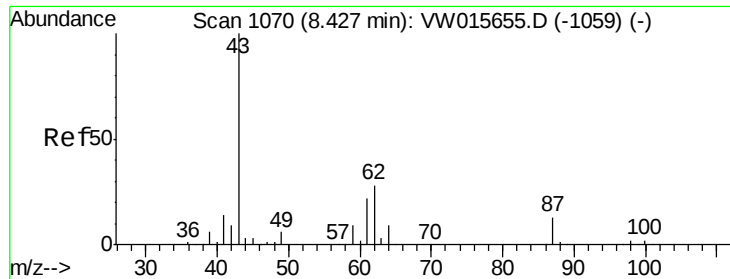
MMDadoda
6/24/2020 10:58:14 AM



#42
1,2-Dichloroethane
Concen: 55.149 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4





#43

Isopropyl Acetate

Concen: 53.396 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

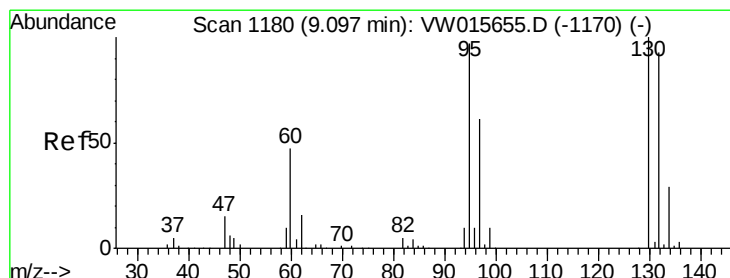
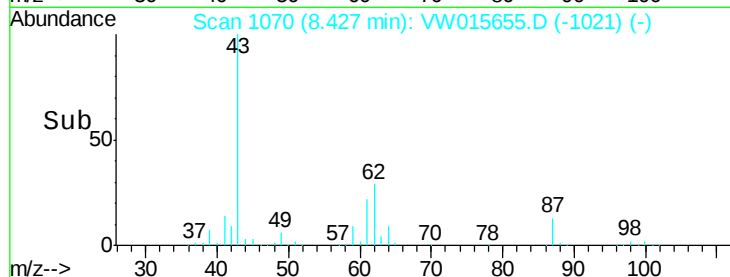
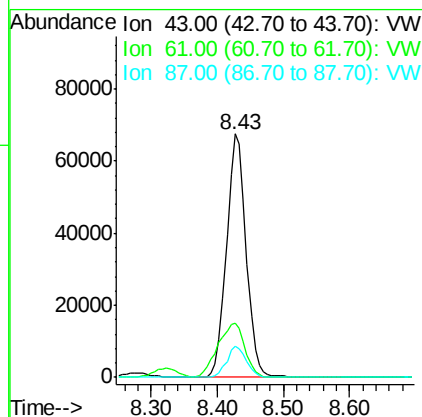
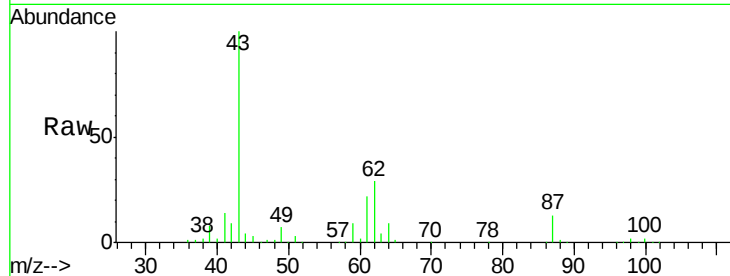
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	138030
Ion	Ratio	Lower	Upper
43	100		
61	30.9	24.7	37.1
87	12.7	10.2	15.2

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#44

Trichloroethene

Concen: 55.194 ug/l

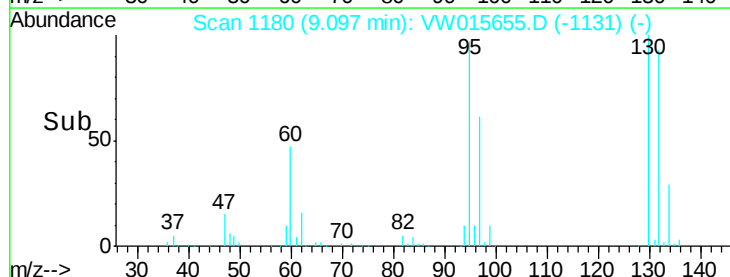
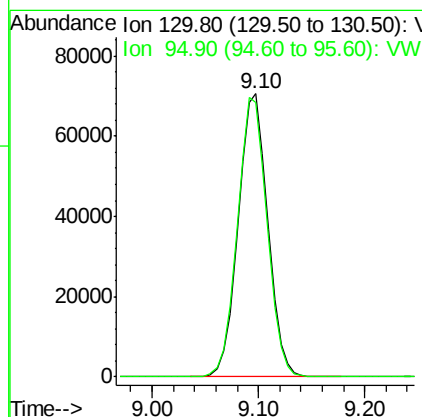
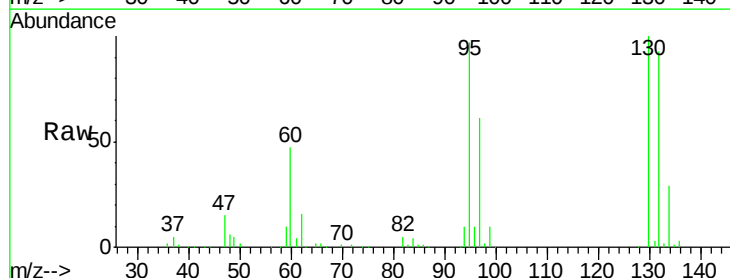
RT: 9.10 min Scan# 1180

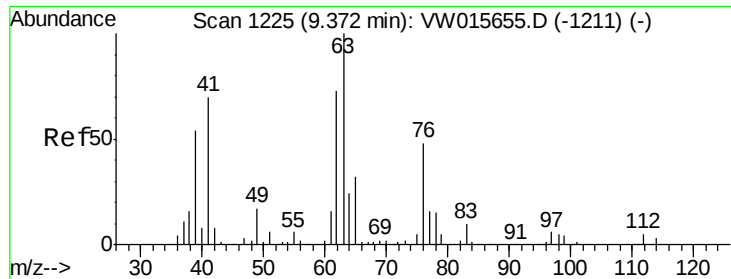
Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Tgt Ion:	130	Resp:	137433
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	194.4





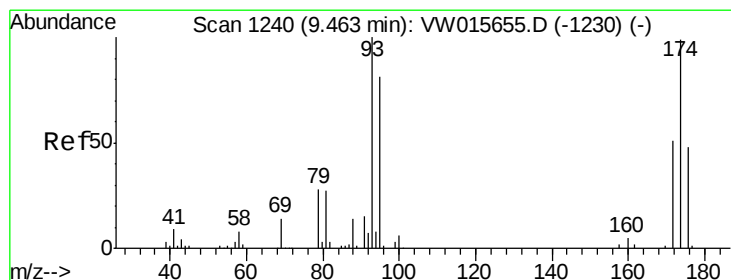
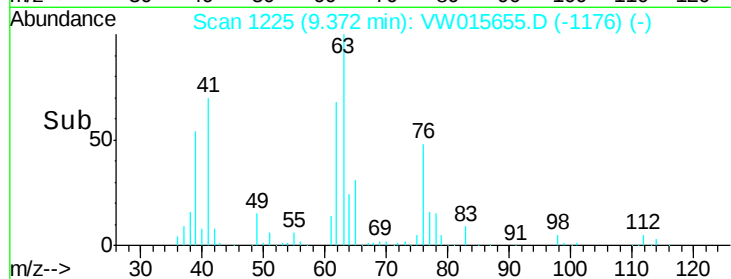
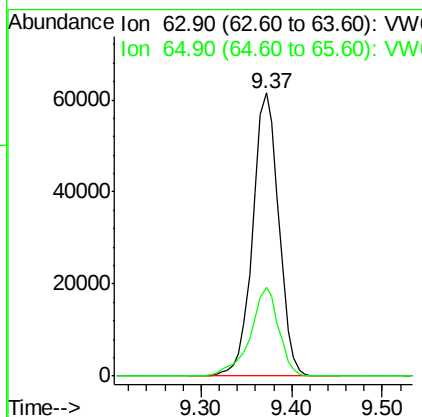
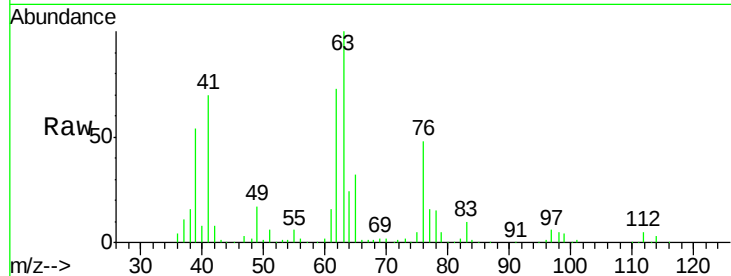
#45
 1,2-Dichloropropane
 Concen: 54.273 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.3	37.9

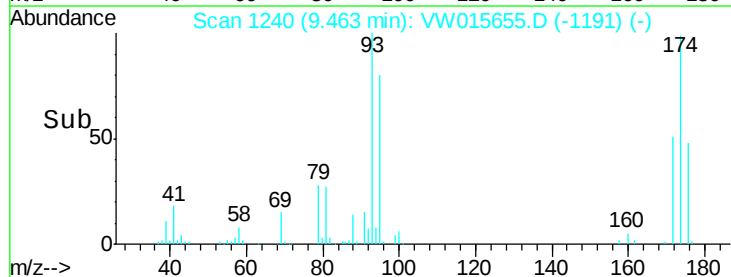
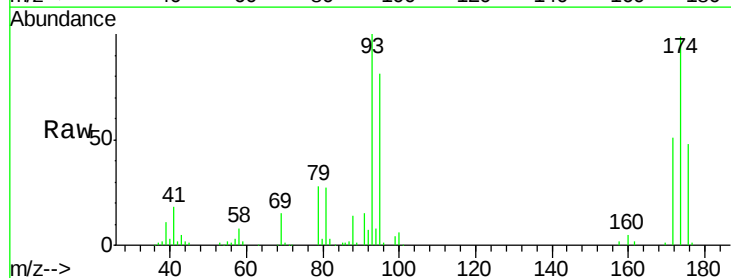
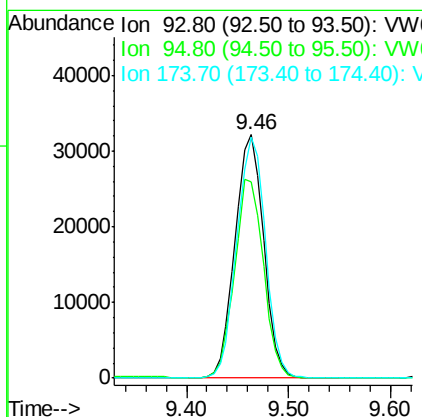
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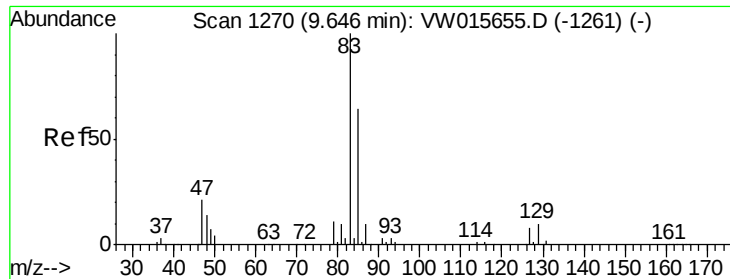
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#46
 Dibromomethane
 Concen: 54.871 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	65.7	98.5
174	98.8	79.0	118.6





#47

Bromodichloromethane

Concen: 53.915 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

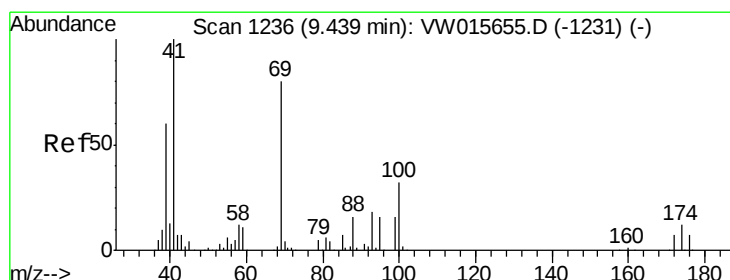
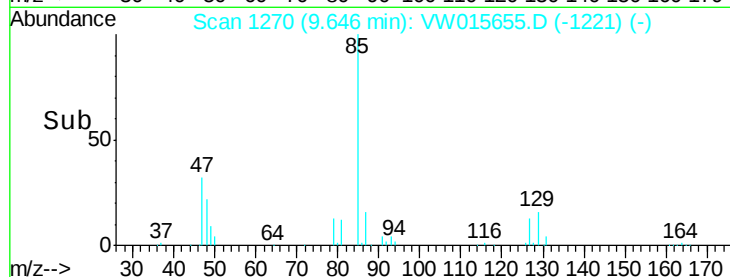
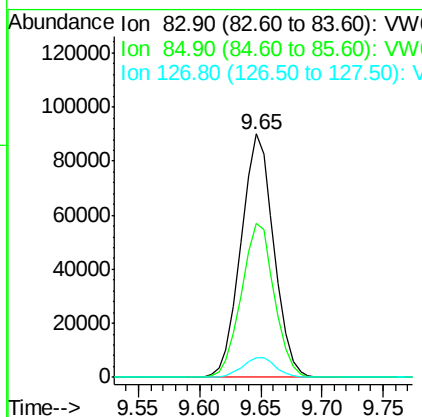
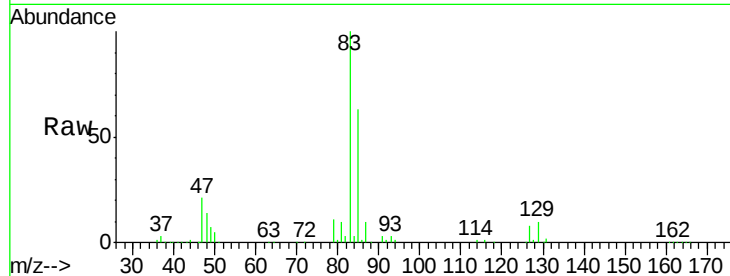
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	167384
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.8	76.2
127	7.9	6.3	9.5

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#48

Methyl methacrylate

Concen: 54.978 ug/l

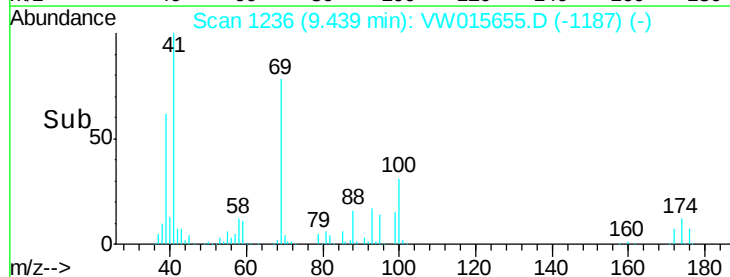
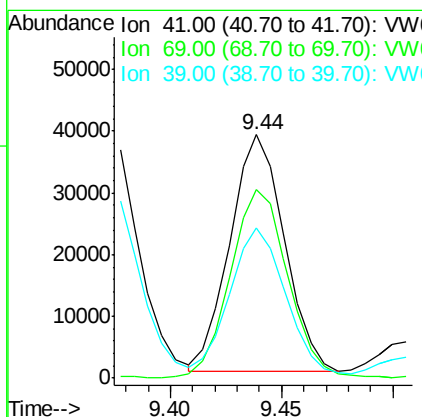
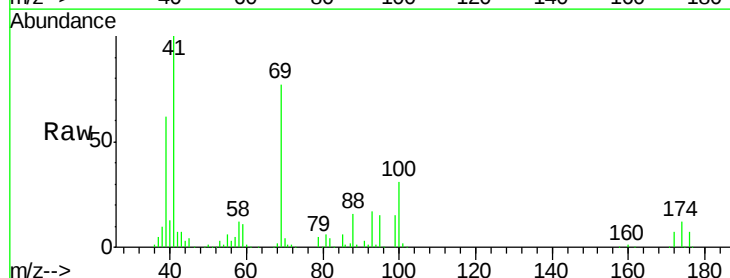
RT: 9.44 min Scan# 1236

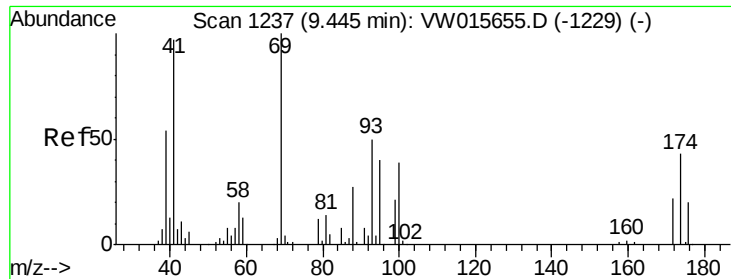
Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Tgt Ion:	41	Resp:	65141
Ion	Ratio	Lower	Upper
41	100		
69	85.2	68.2	102.2
39	62.2	49.8	74.6





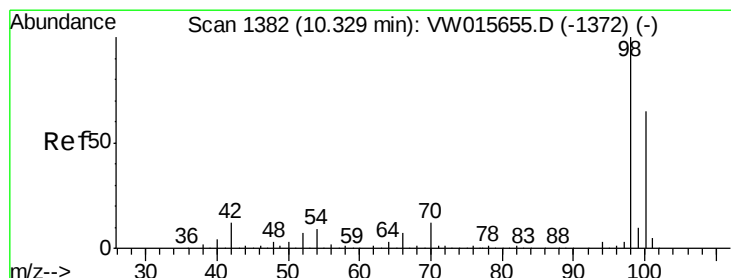
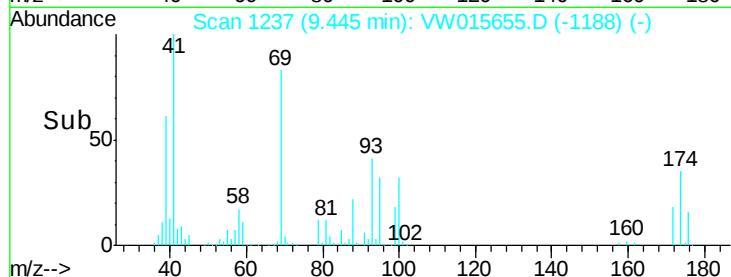
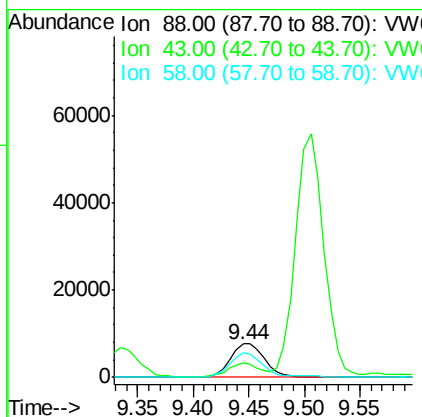
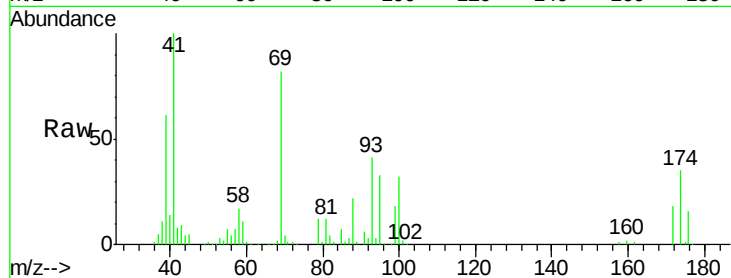
#49
1,4-Dioxane
Concen: 1081.056 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	16302		
43	37.6		30.1	45.1
58	70.1		56.1	84.1

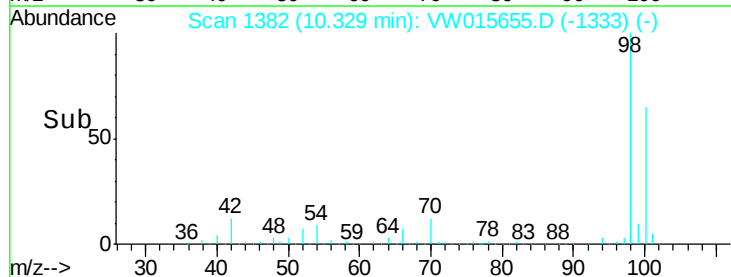
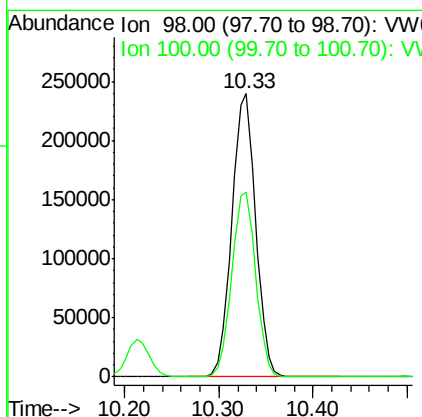
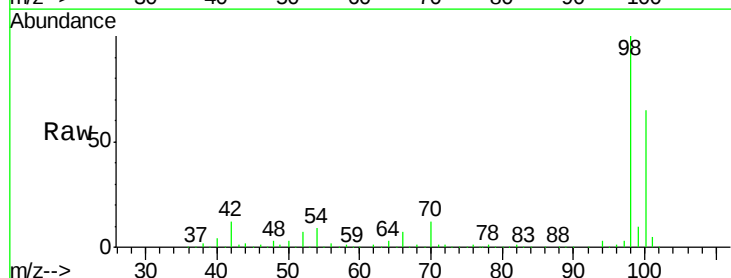
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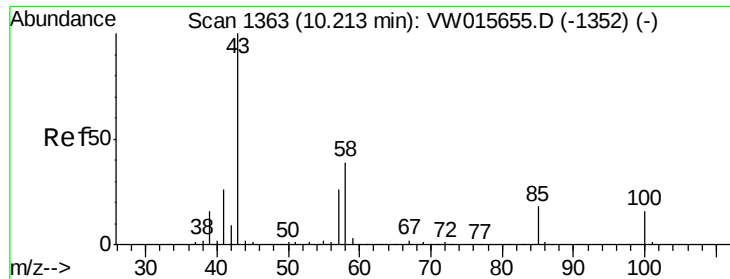
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#50
Toluene-d8
Concen: 51.686 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	419582		
100	66.0		52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 270.891 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 332880

Ion Ratio Lower Upper

43 100

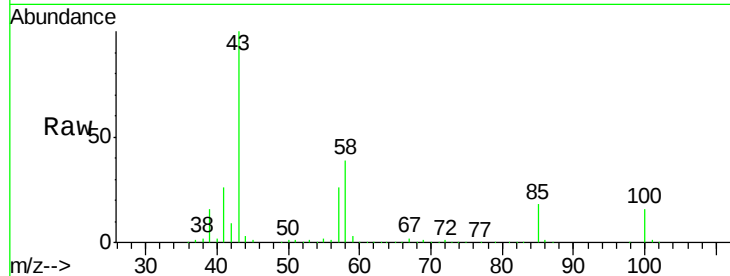
58 39.0 31.2 46.8

Manual Integrations

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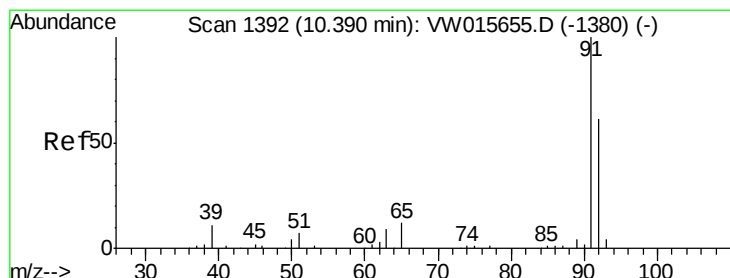
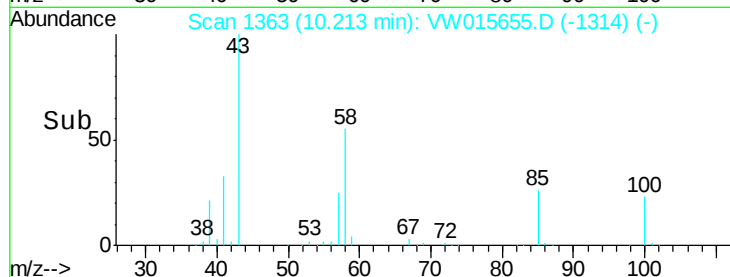
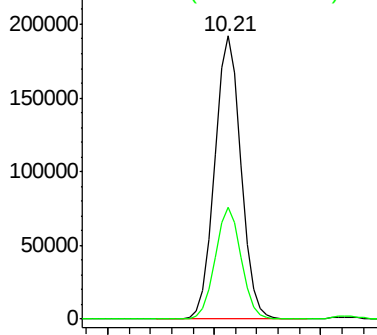
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 55.281 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015655.D

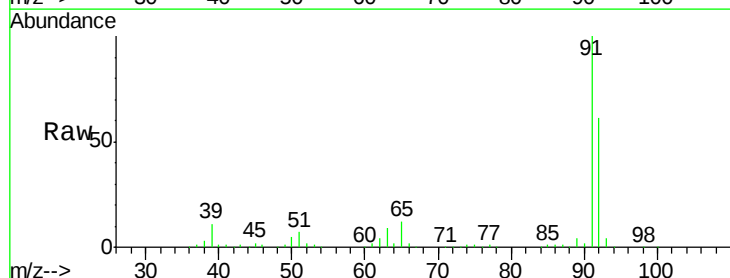
Acq: 23 Jun 2020 12:03

Tgt Ion: 92 Resp: 331841

Ion Ratio Lower Upper

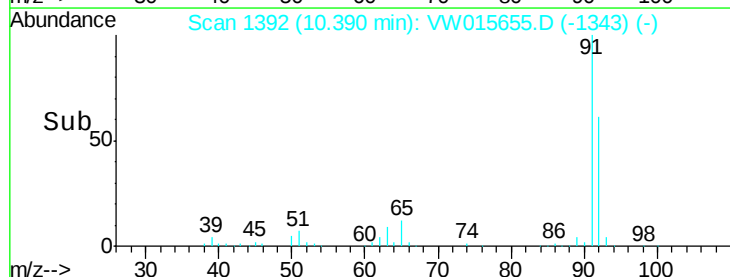
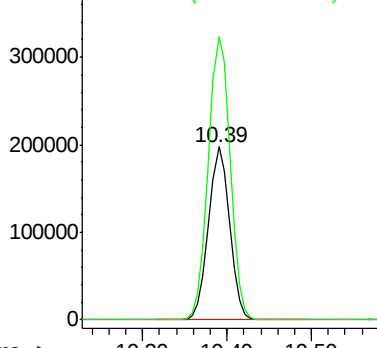
92 100

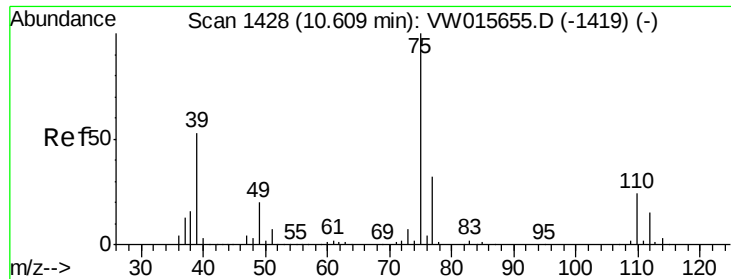
91 169.4 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





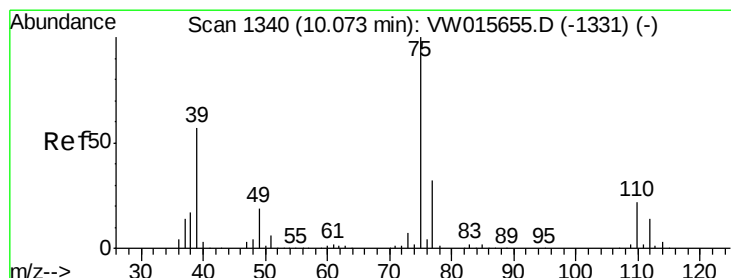
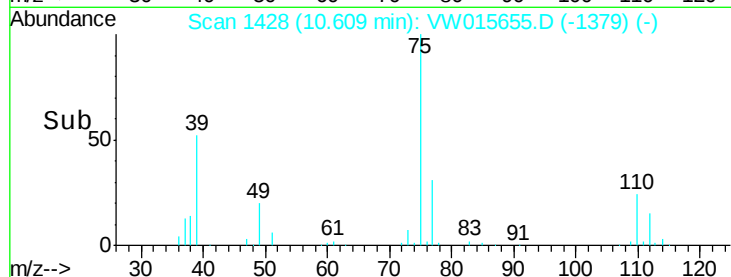
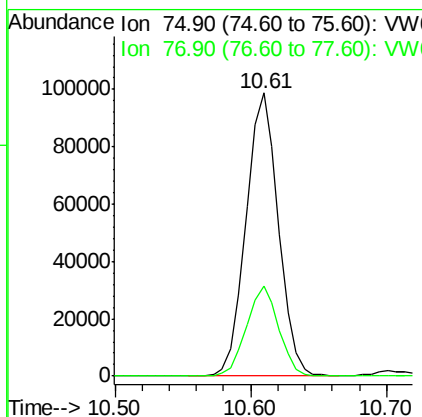
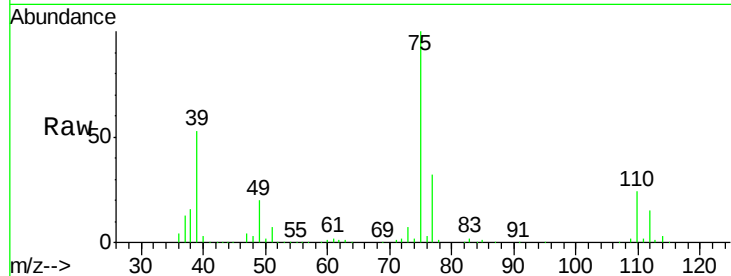
#53
 t-1,3-Dichloropropene
 Concen: 54.282 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion: 75 Resp: 164774
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9

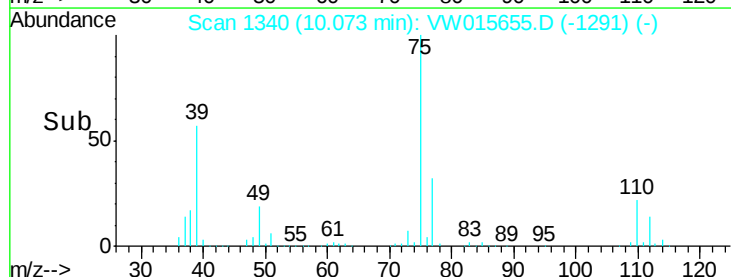
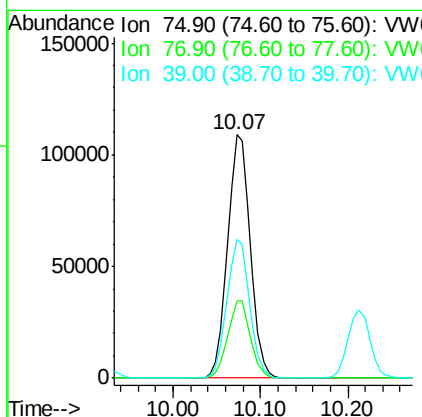
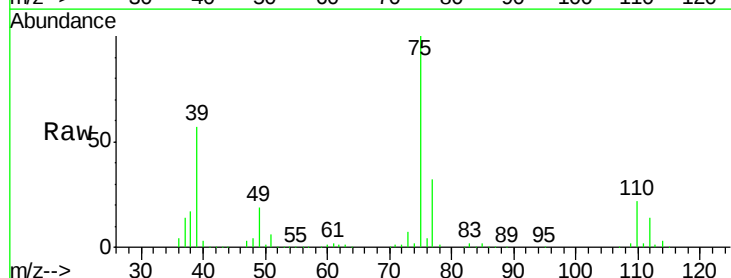
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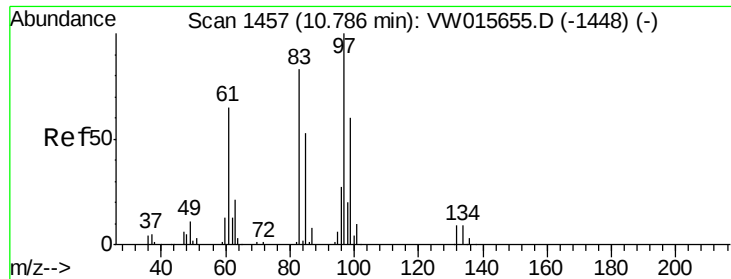
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#54
 cis-1,3-Dichloropropene
 Concen: 54.510 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion: 75 Resp: 196529
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 57.2 45.8 68.6





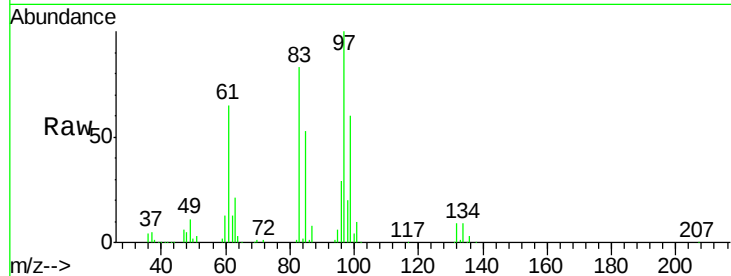
#55
1,1,2-Trichloroethane
Concen: 54.730 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

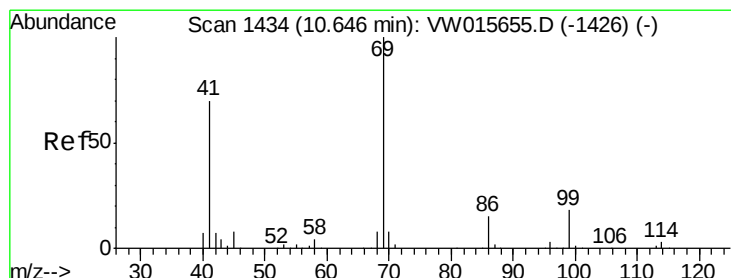
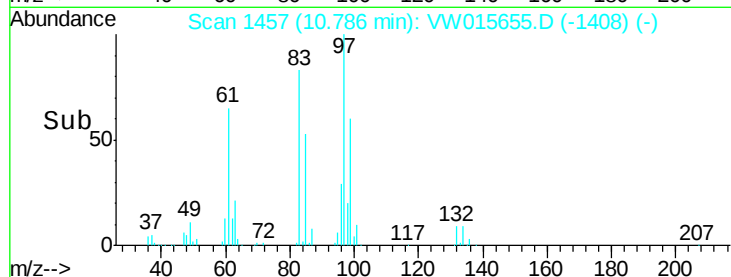
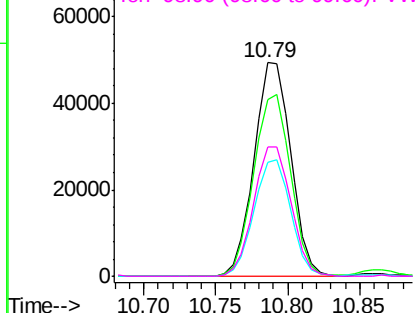
Tot Ion:	97	Resp:	87451
Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.3	99.5
85	53.1	42.5	63.7
99	60.4	48.3	72.5

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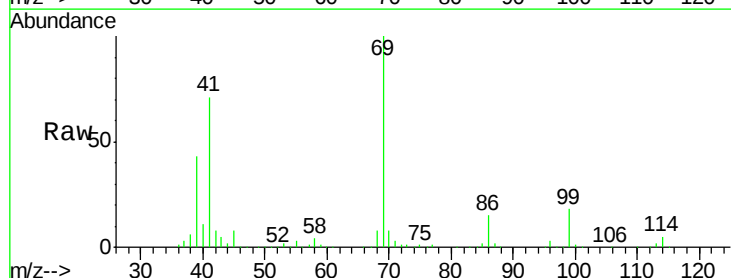


Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 98.90 (98.60 to 99.60): VW

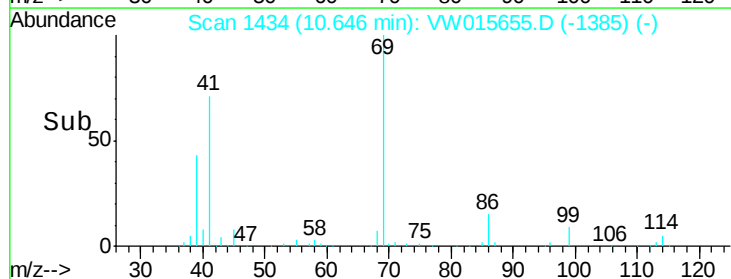
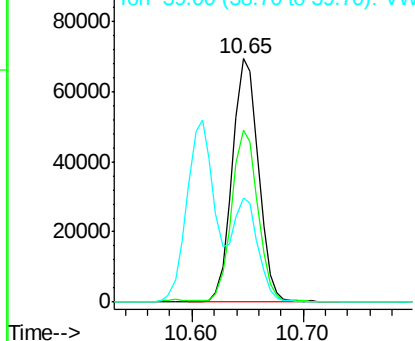


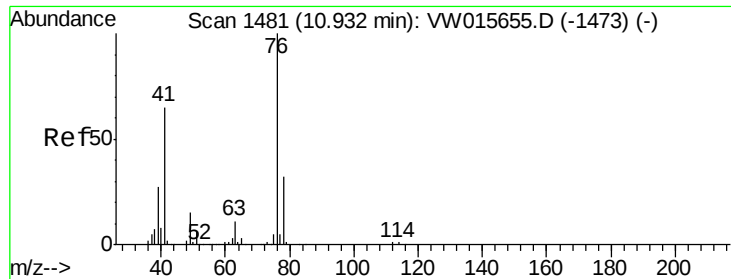
#56
Ethyl methacrylate
Concen: 55.073 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion:	69	Resp:	113567
Ion	Ratio	Lower	Upper
69	100		
41	69.7	55.8	83.6
39	36.9	29.5	44.3



Abundance Ion 69.00 (68.70 to 69.70): VW
Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW





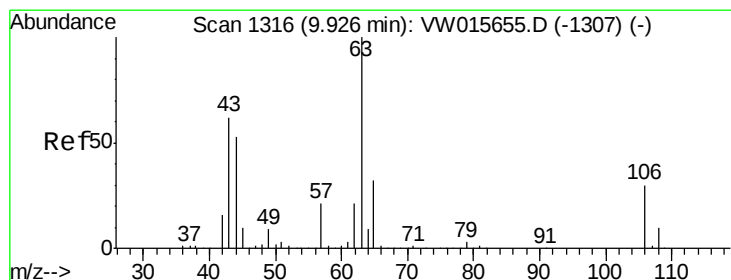
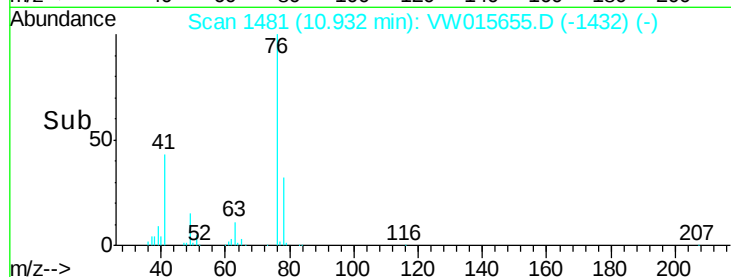
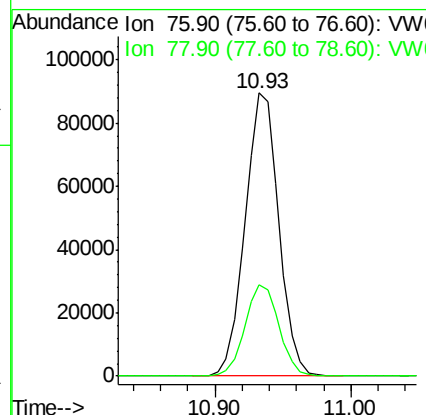
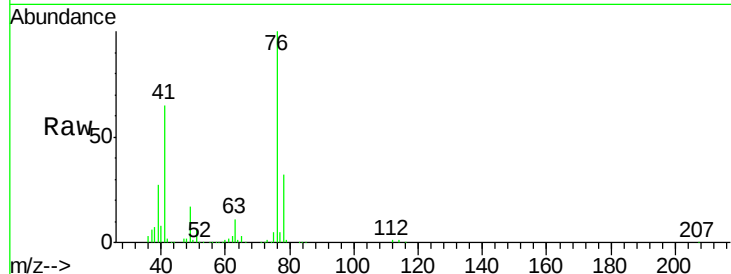
#57
 1,3-Dichloropropane
 Concen: 54.633 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 154679
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

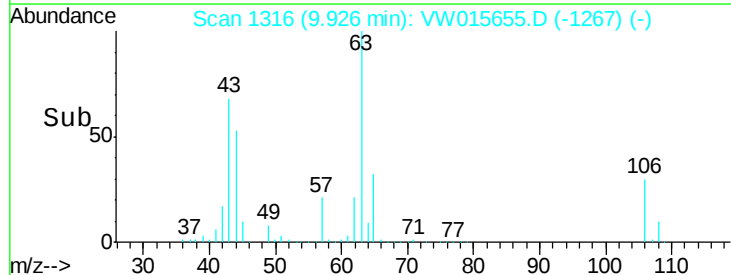
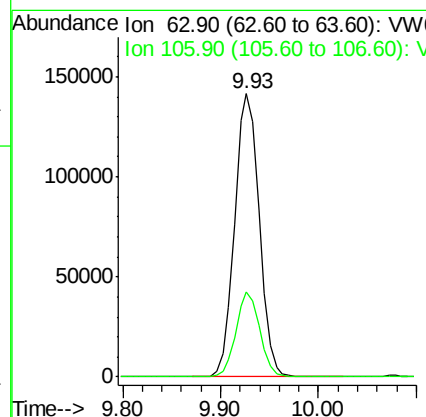
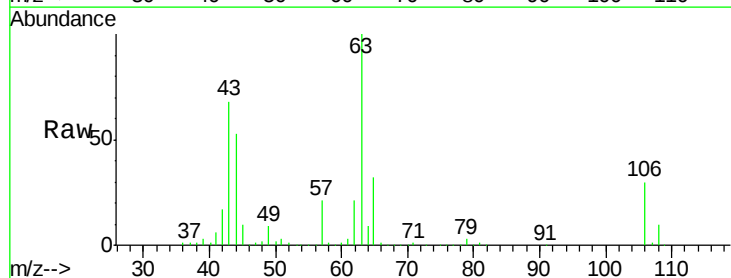
Manual Integrations
 APPROVED

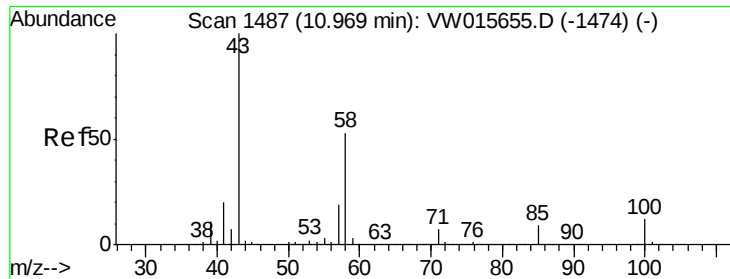
MMDadoda
 6/24/2020 10:58:14 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.554 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion: 63 Resp: 246067
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.3 34.9





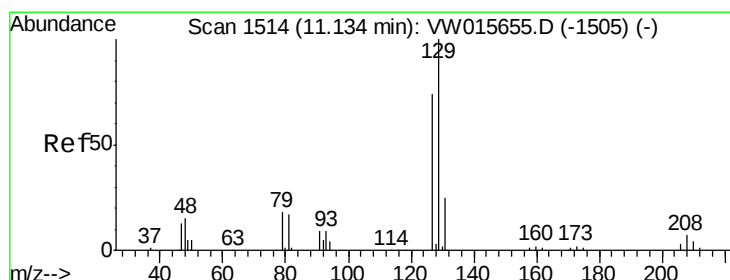
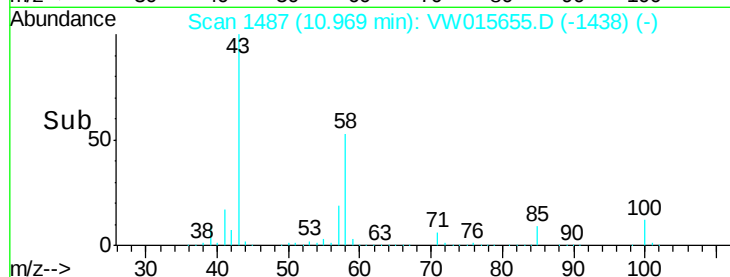
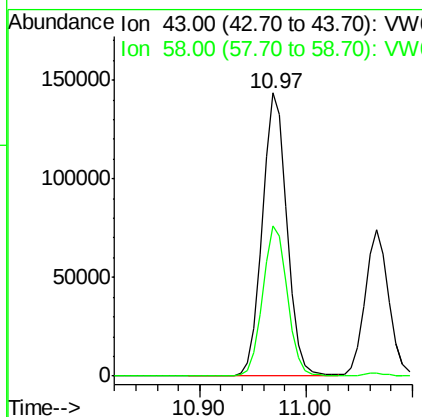
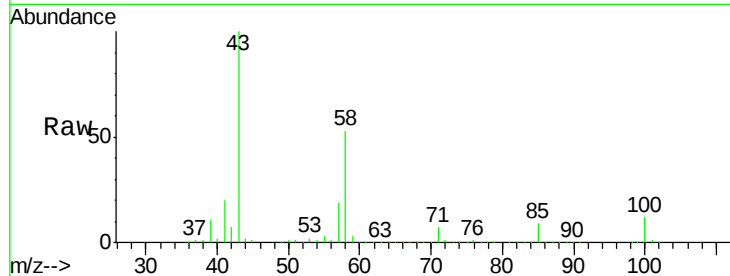
#59
2-Hexanone
Concen: 276.482 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 233555
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.4

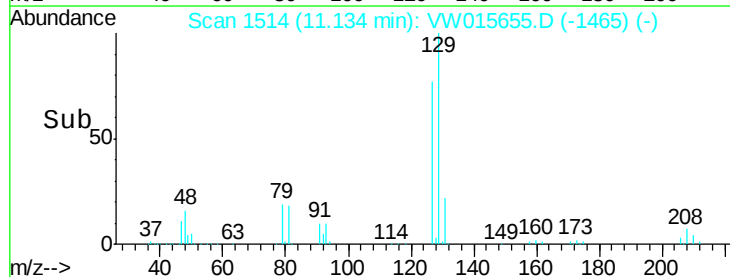
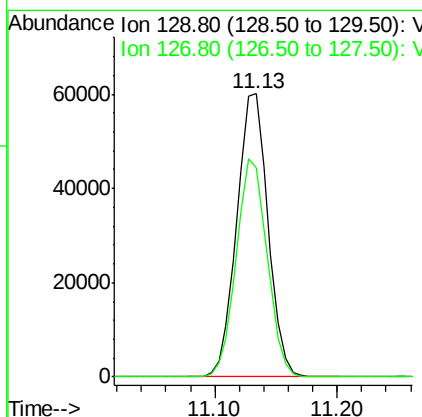
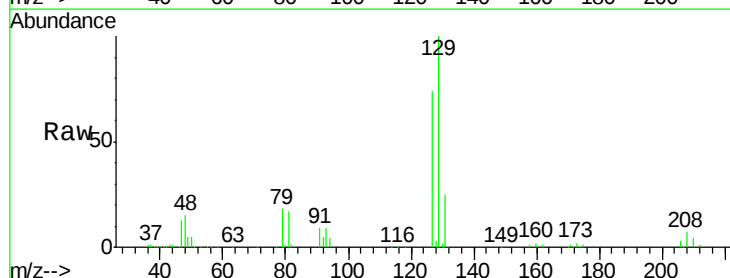
Manual Integrations
APPROVED

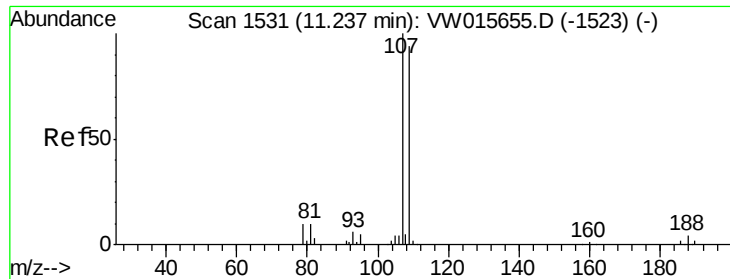
MMDadoda
6/24/2020 10:58:14 AM



#60
Dibromochloromethane
Concen: 54.670 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion: 129 Resp: 106281
Ion Ratio Lower Upper
129 100
127 76.1 38.0 114.1





#61

1,2-Dibromoethane

Concen: 55.212 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 84316

Ion Ratio Lower Upper

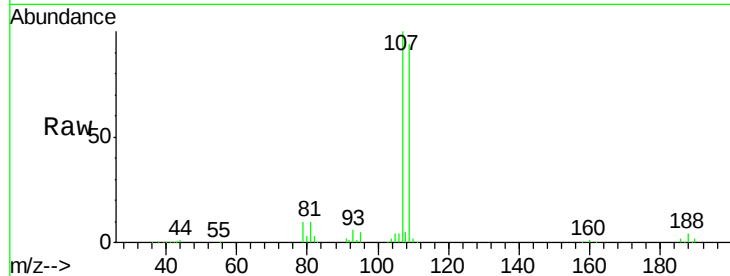
107 100

109 93.6 74.9 112.3

Manual Integrations
APPROVED

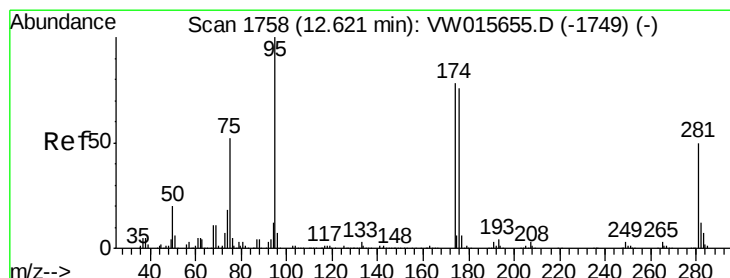
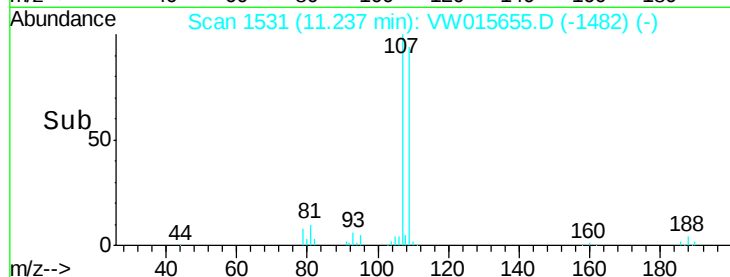
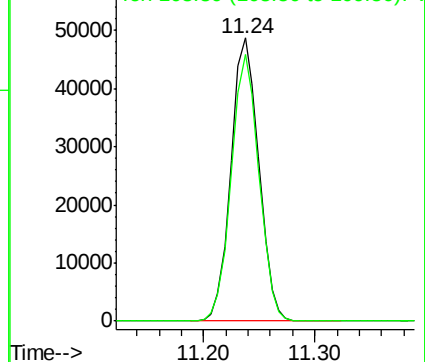
MMDadoda

6/24/2020 10:58:14 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.620 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

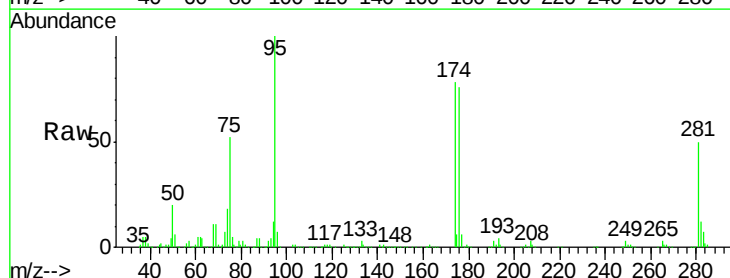
Tgt Ion: 95 Resp: 154939

Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.0

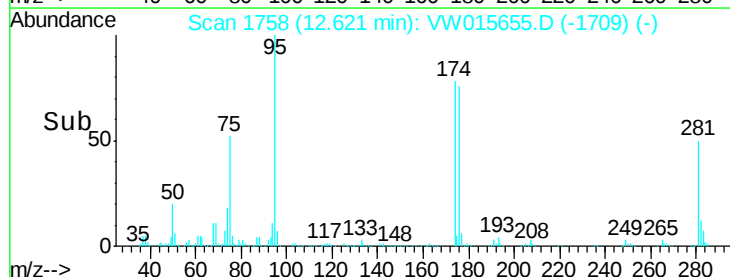
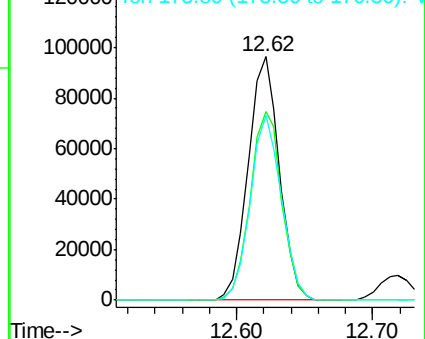
176 75.7 0.0 151.4

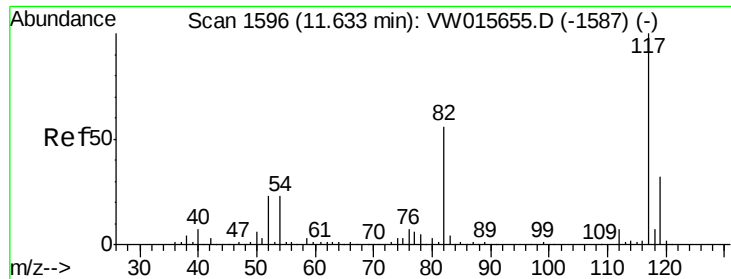


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





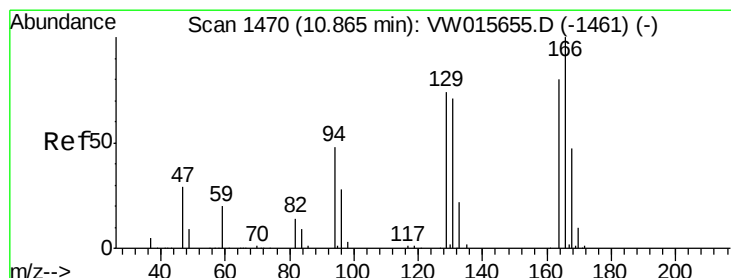
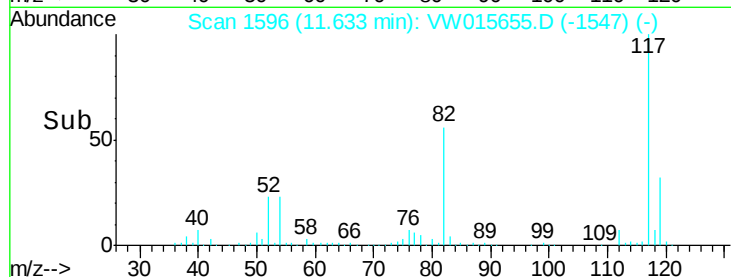
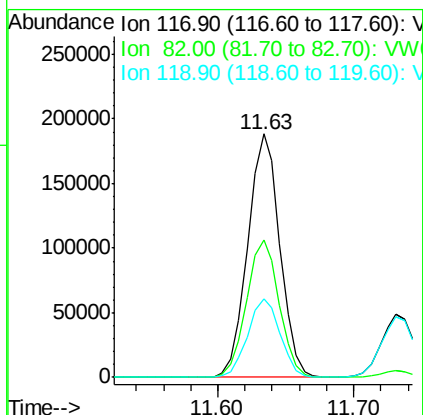
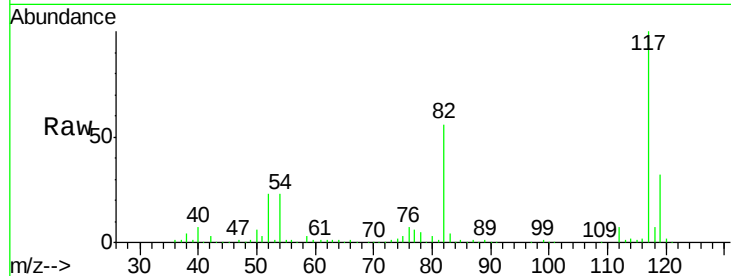
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.1	67.7
119	32.3	25.8	38.8

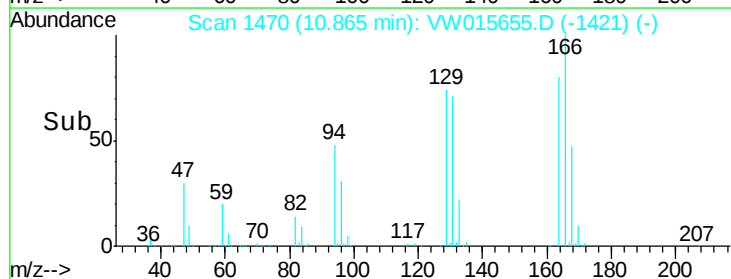
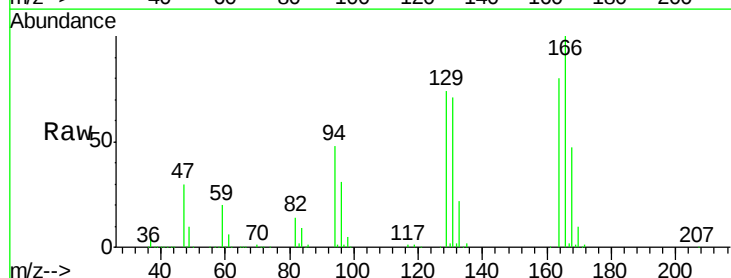
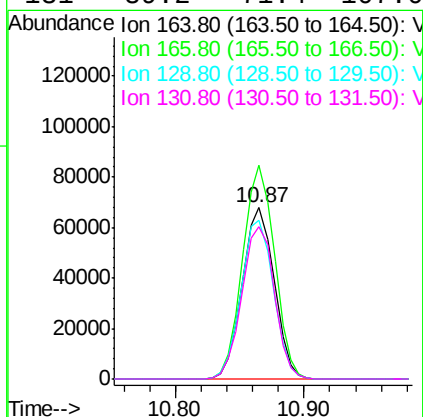
Manual Integrations
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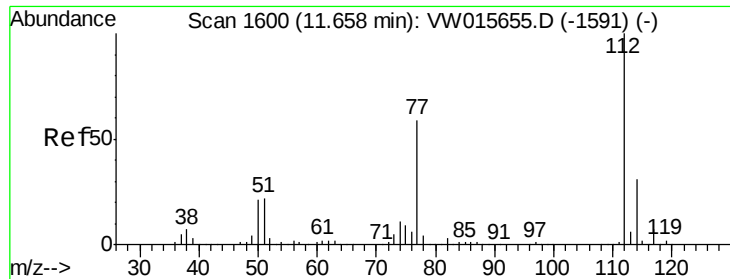
MMDadoda
6/24/2020 10:58:14 AM



#64
Tetrachloroethene
Concen: 54.737 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	99.9	149.9
129	92.7	74.2	111.2
131	89.2	71.4	107.0





#65

Chlorobenzene

Concen: 54.233 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 347470

Ion Ratio Lower Upper

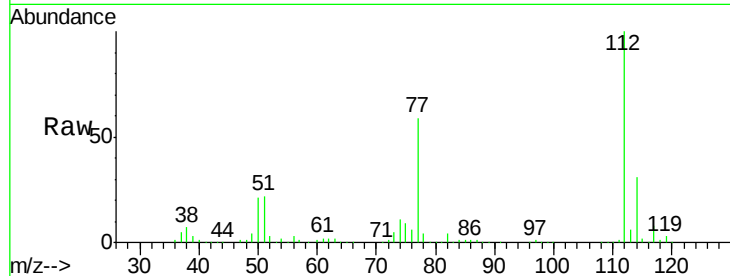
112 100

114 31.1 24.9 37.3

Manual Integrations
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MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

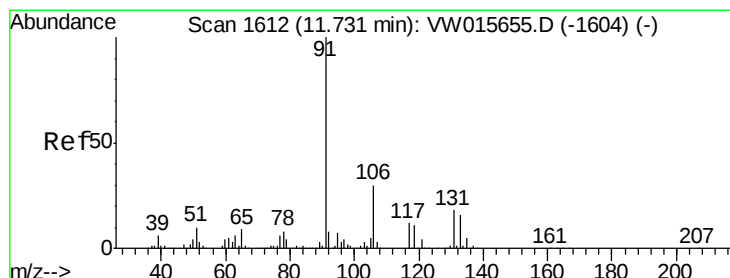
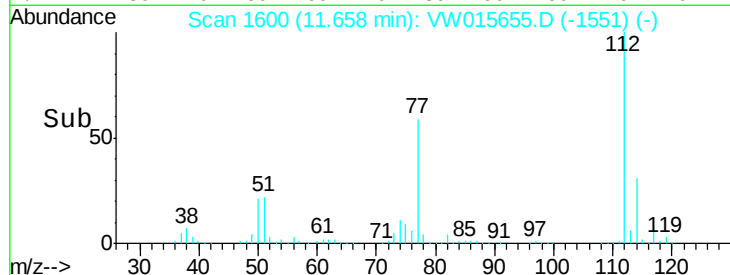
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 53.889 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

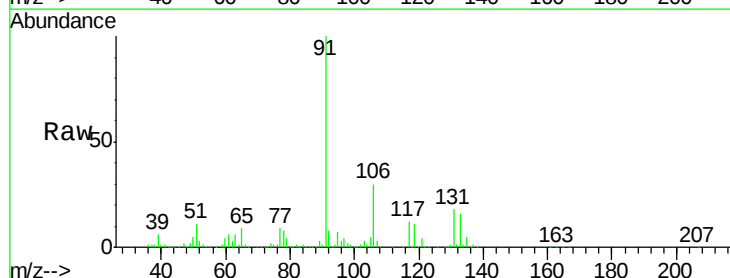
Tgt Ion:131 Resp: 123111

Ion Ratio Lower Upper

131 100

133 93.0 46.5 139.5

119 65.0 32.5 97.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

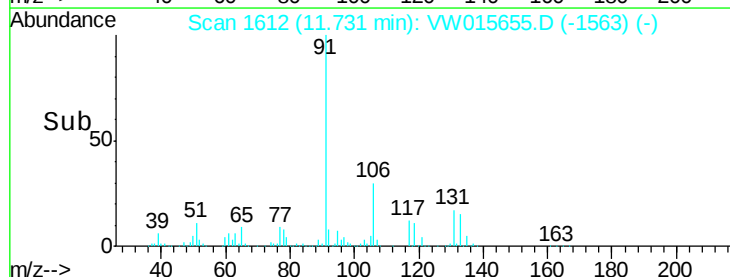
60000

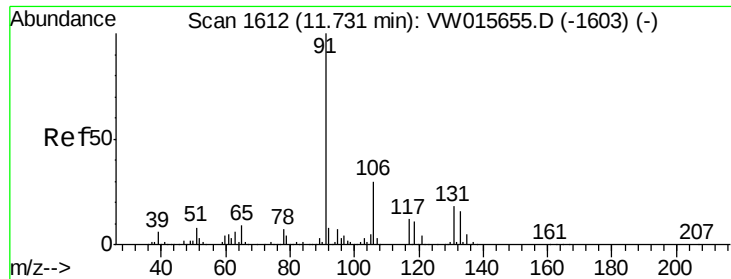
40000

20000

0

Time-->





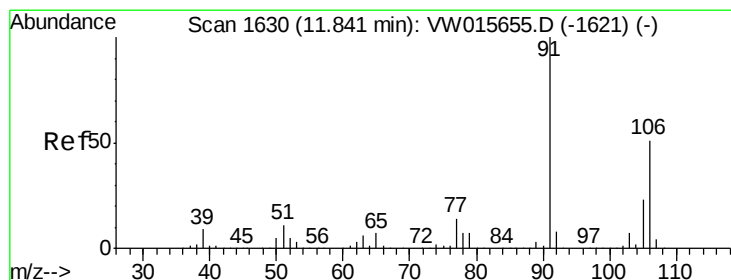
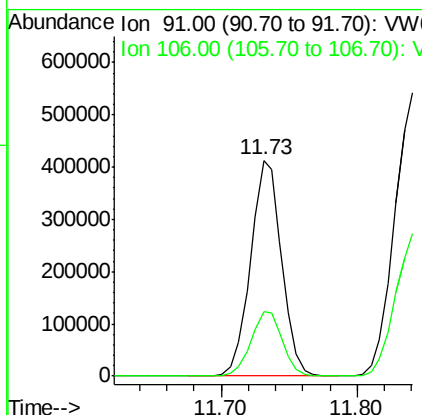
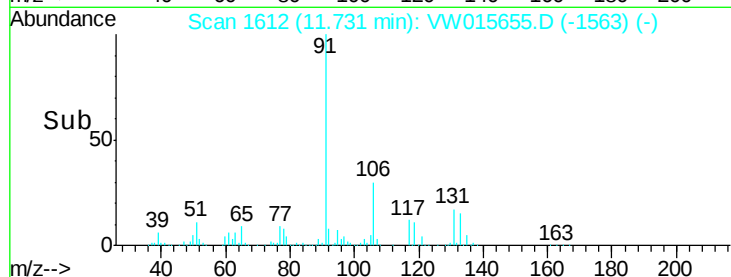
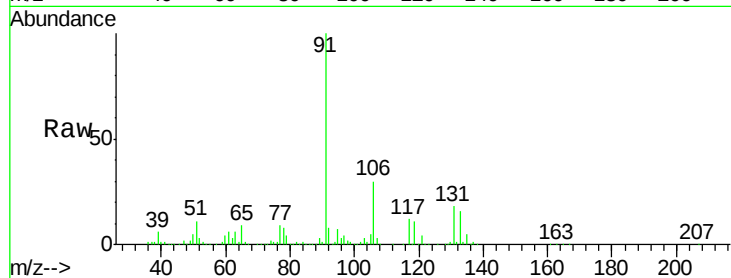
#67
Ethyl Benzene
Concen: 54.558 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 658230
Ion Ratio Lower Upper
91 100
106 30.1 24.1 36.1

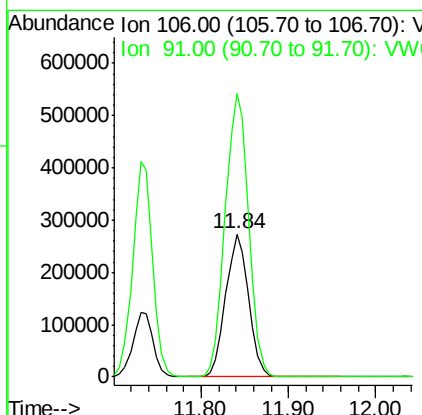
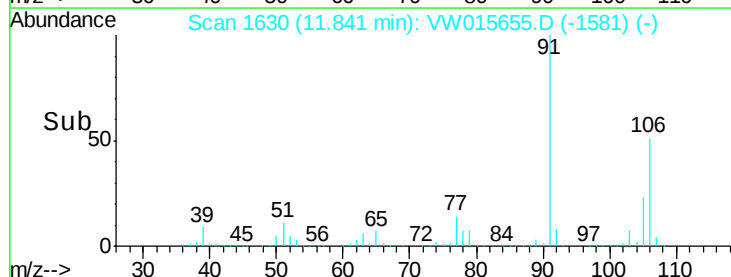
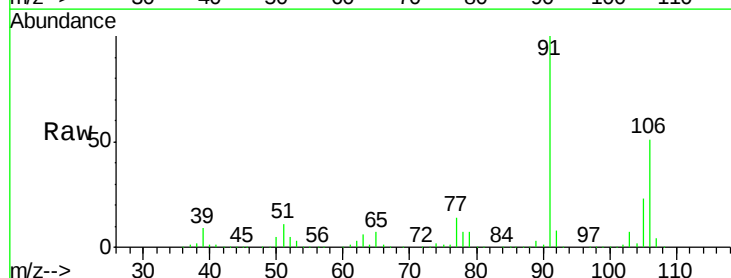
Manual Integrations
APPROVED

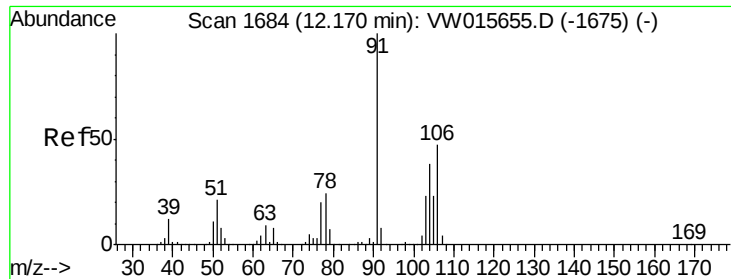
MMDadoda
6/24/2020 10:58:14 AM



#68
m/p-Xylenes
Concen: 109.855 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion: 106 Resp: 494858
Ion Ratio Lower Upper
106 100
91 203.3 162.6 244.0





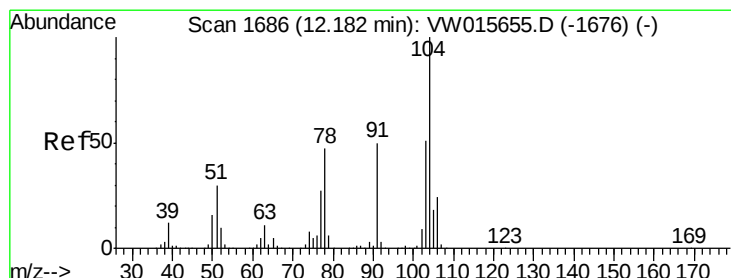
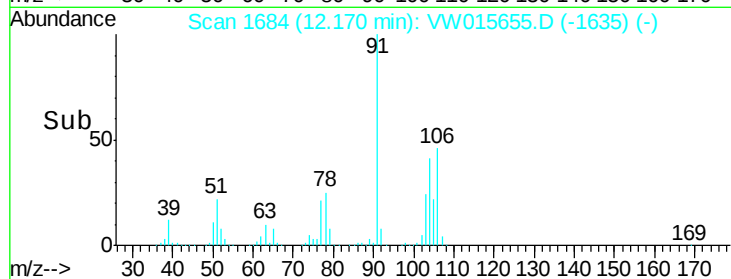
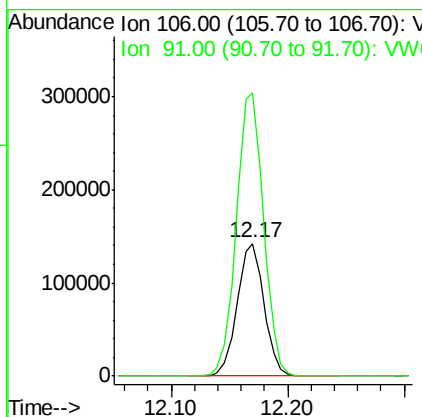
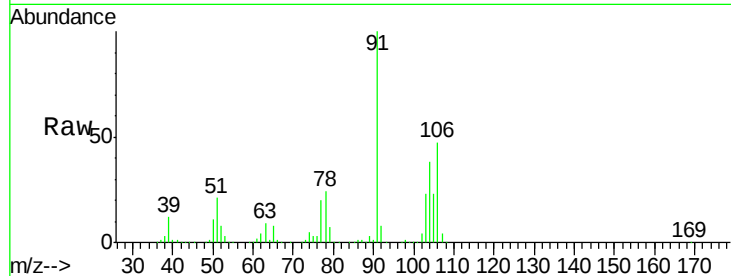
#69
o-Xylene
Concen: 54.661 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.6	108.3	324.9

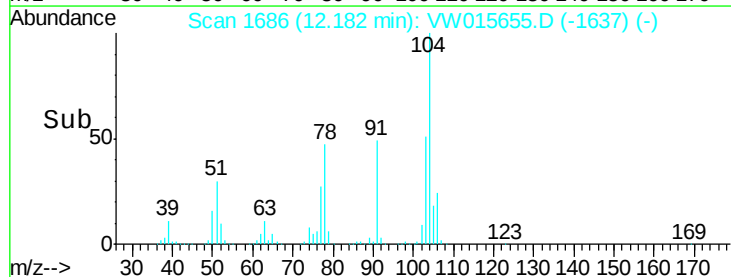
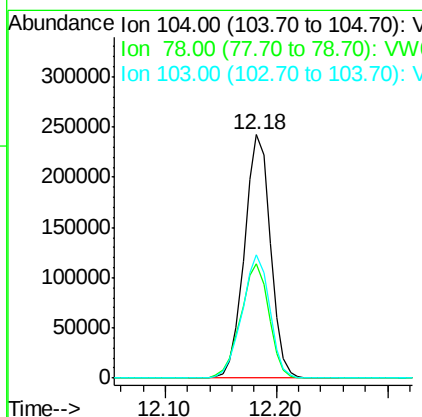
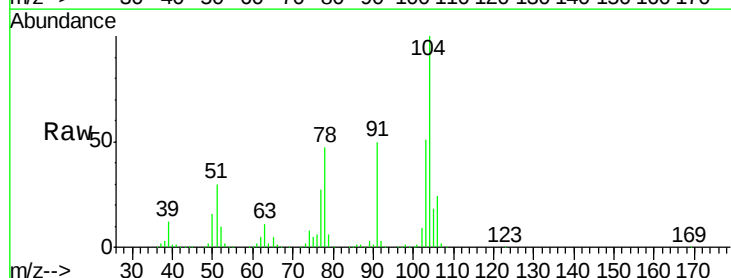
Manual Integrations
APPROVED

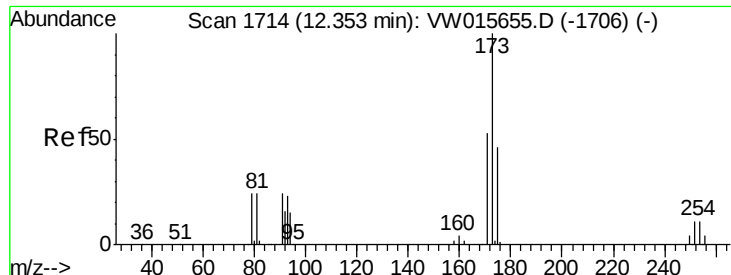
MMDadoda
6/24/2020 10:58:14 AM



#70
Styrene
Concen: 55.143 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.1	40.9	61.3
103	53.9	43.1	64.7





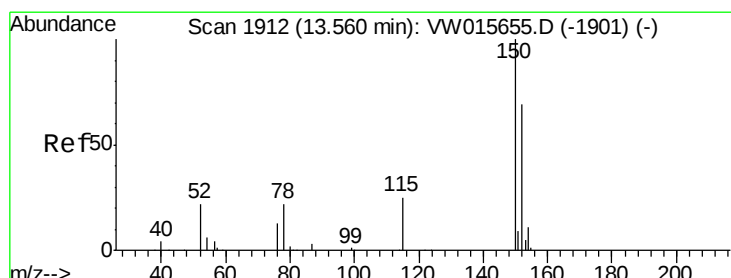
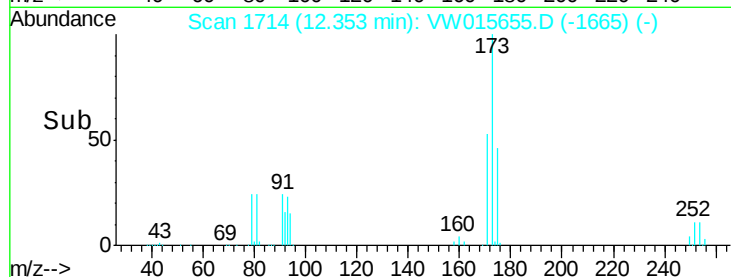
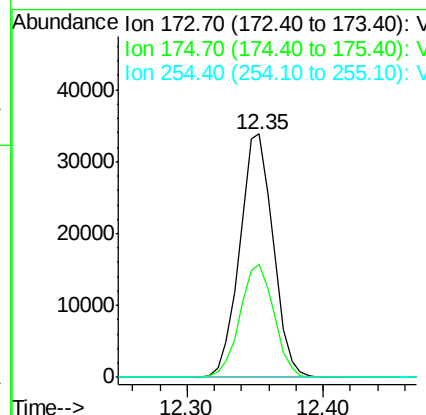
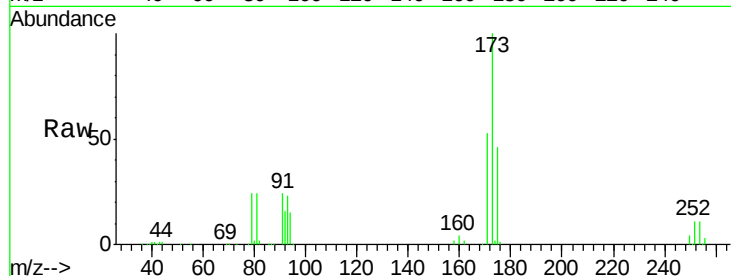
#71
Bromoform
Concen: 53.730 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.1	23.5	70.6
254	0.1	0.1	0.1

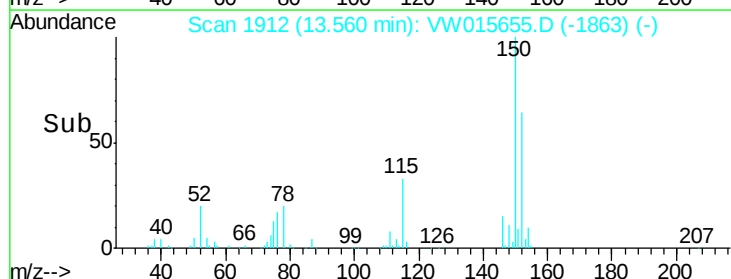
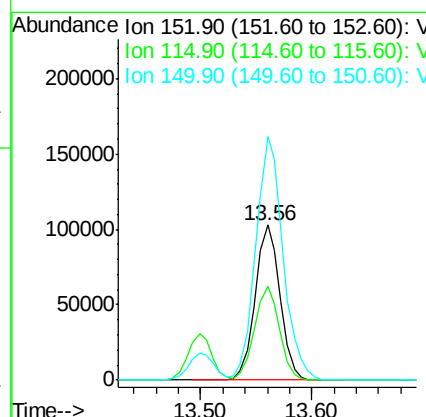
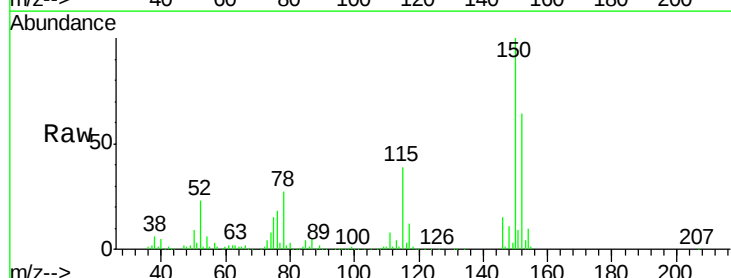
Manual Integrations
APPROVED

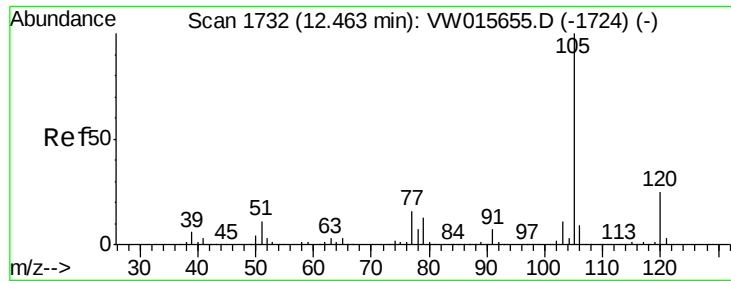
MMDadoda
6/24/2020 10:58:14 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.1	90.5
150	172.8	0.0	345.6





#73

Isopropylbenzene

Concen: 52.749 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 646132

Ion Ratio Lower Upper

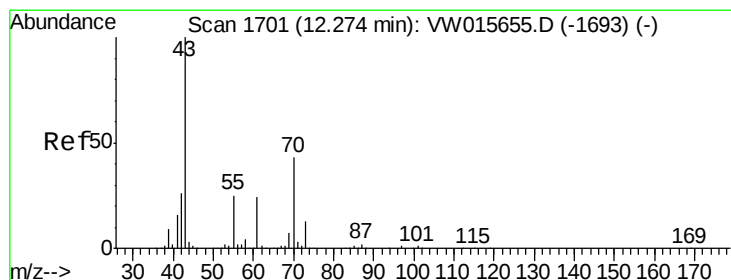
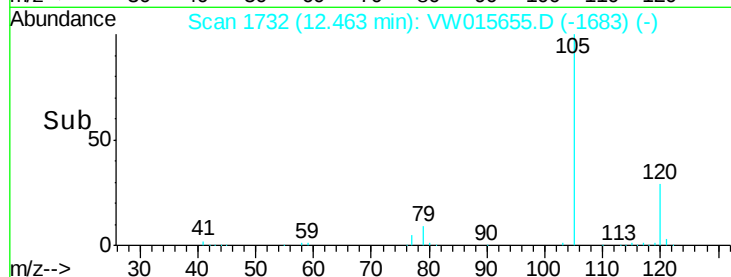
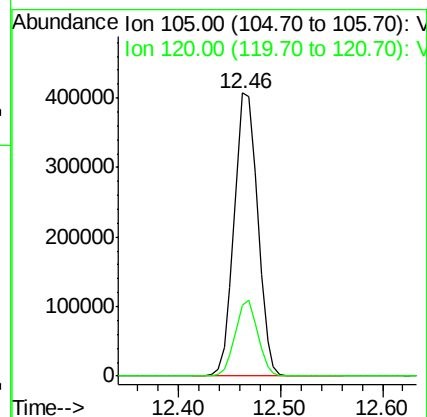
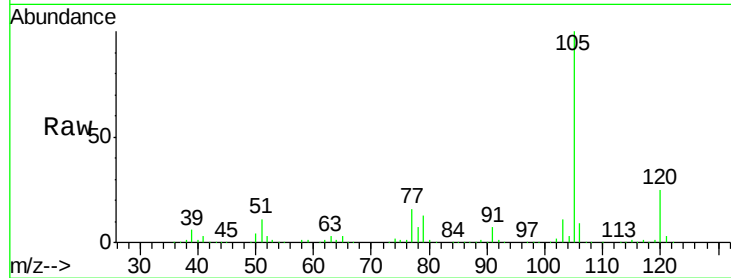
105 100

120 25.8 12.9 38.7

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#74

N-ethyl acetate

Concen: 52.147 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Tgt Ion: 43 Resp: 134095

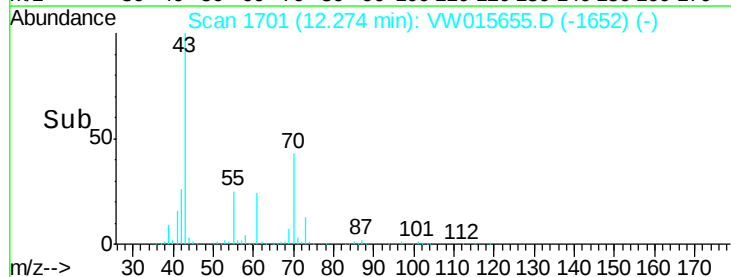
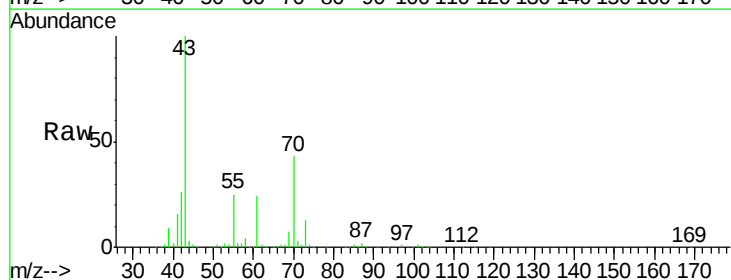
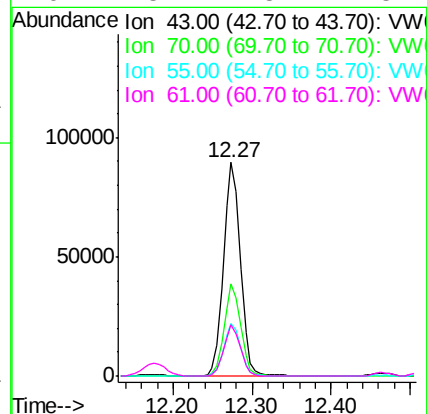
Ion Ratio Lower Upper

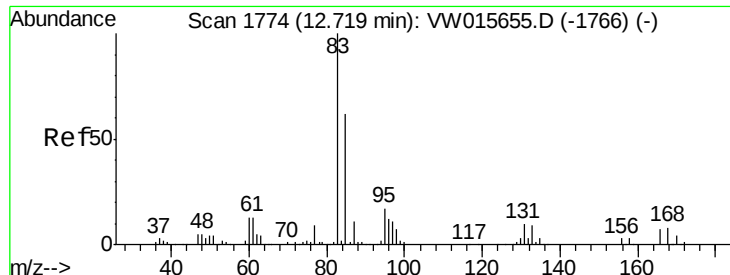
43 100

70 42.0 33.6 50.4

55 24.6 19.7 29.5

61 23.4 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.844 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

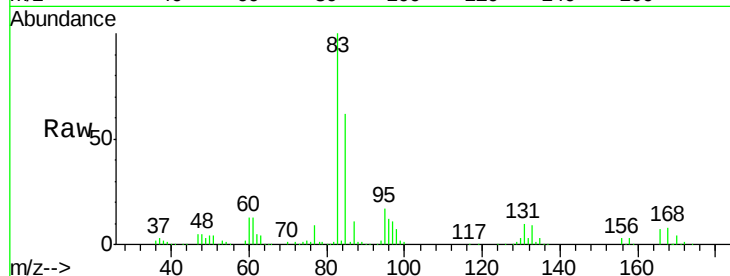
ClientSampleId :

VSTDICCC050

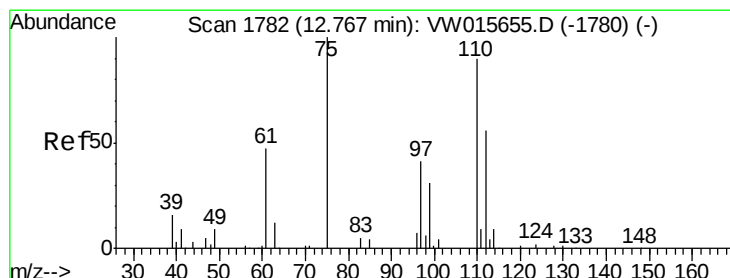
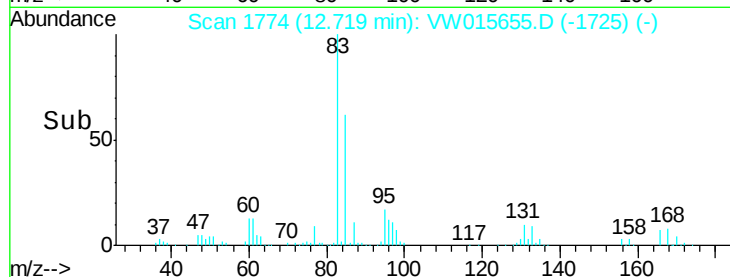
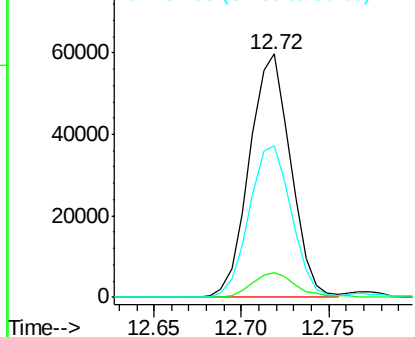
Tot Ion:	83	Resp:	98301
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	63.8	31.9	95.7

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): VW
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 55.504 ug/l m

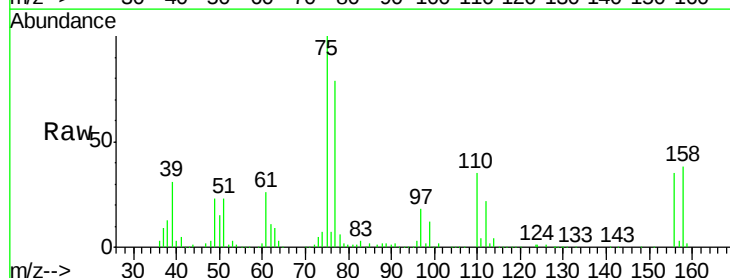
RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

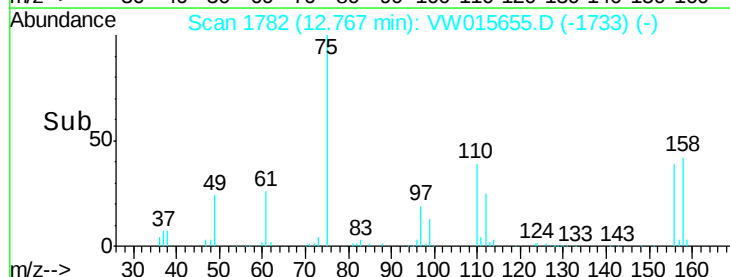
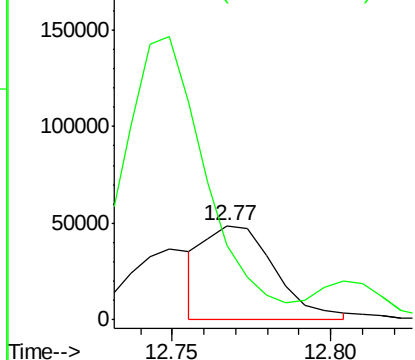
Lab File: VW015655.D

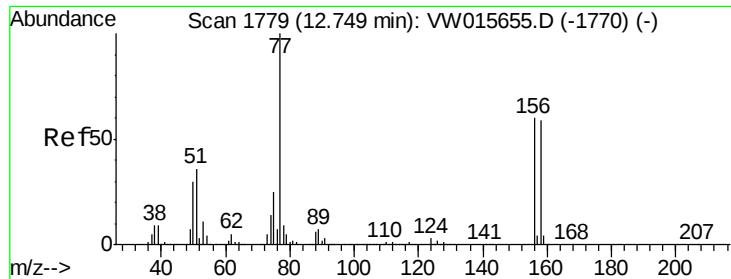
Acq: 23 Jun 2020 12:03

Tgt Ion:	75	Resp:	74676
Ion Ratio	Lower	Upper	
75	100		
77	358.1	179.1	537.1



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.528 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

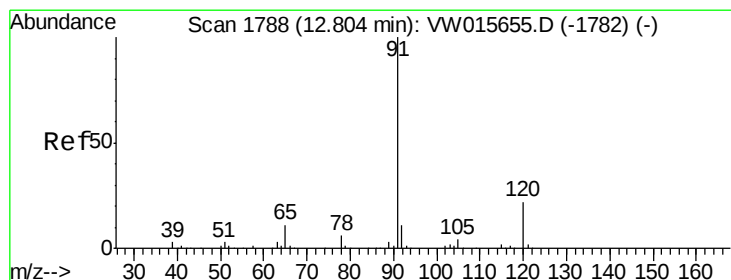
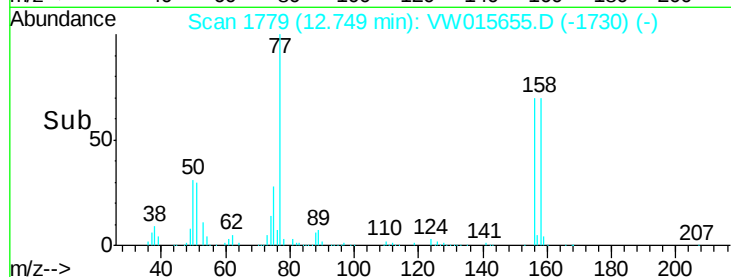
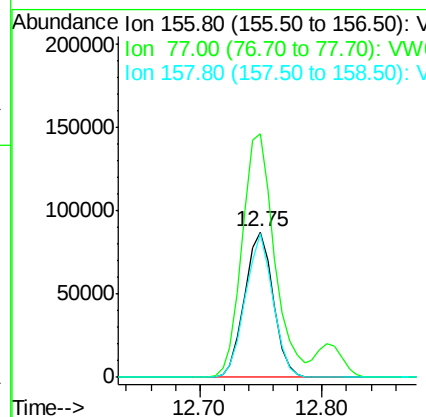
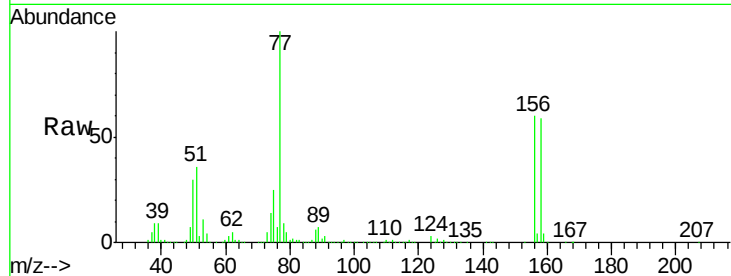
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	141506
Ion Ratio	Lower	Upper	
156	100		
77	189.0	94.5	283.5
158	95.7	47.9	143.6

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#78

n-propylbenzene

Concen: 53.510 ug/l

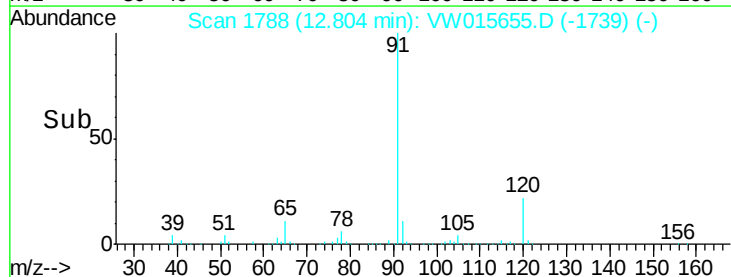
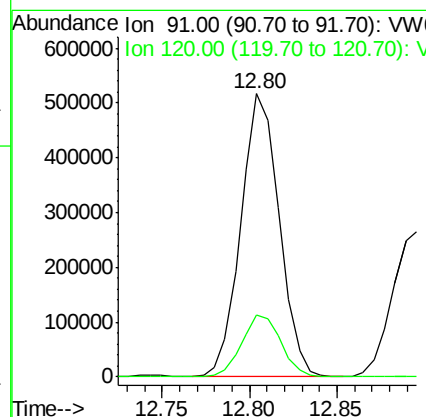
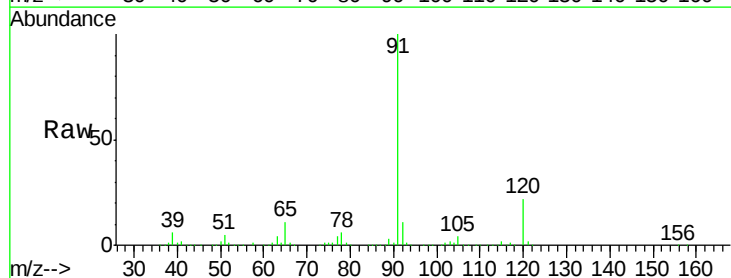
RT: 12.80 min Scan# 1788

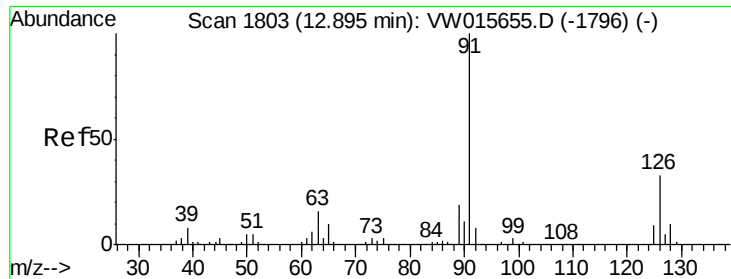
Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Tgt Ion:	91	Resp:	785245
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.2	33.5





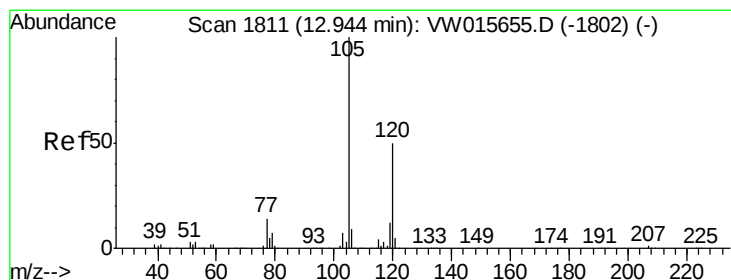
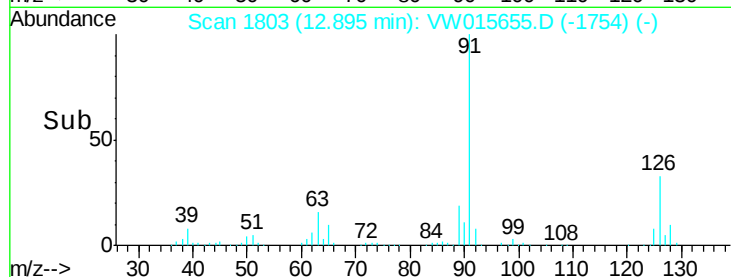
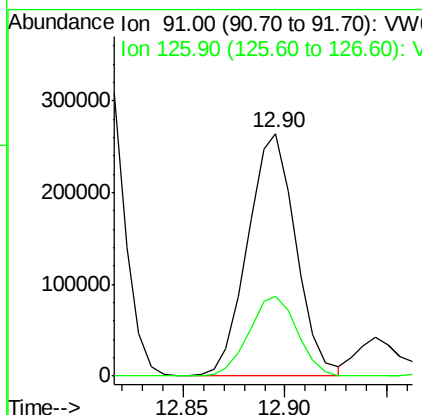
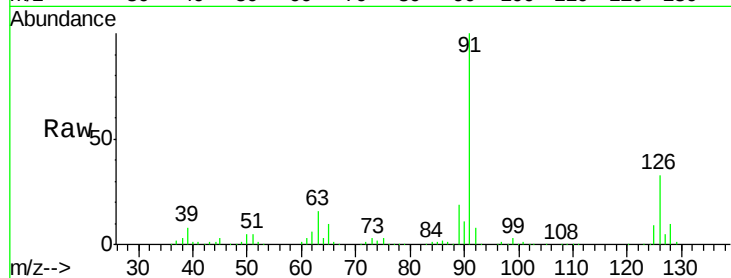
#79
 2-Chlorotoluene
 Concen: 52.311 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 433353
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.6 49.8

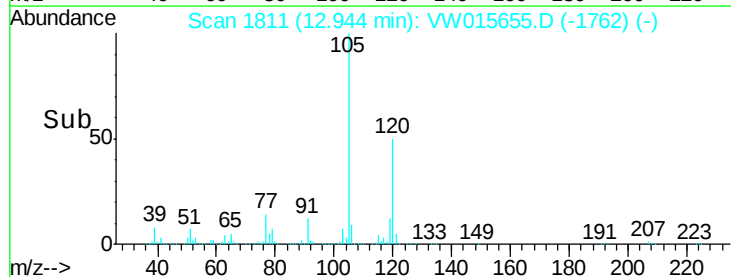
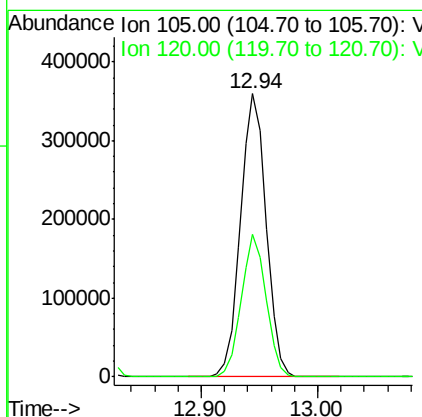
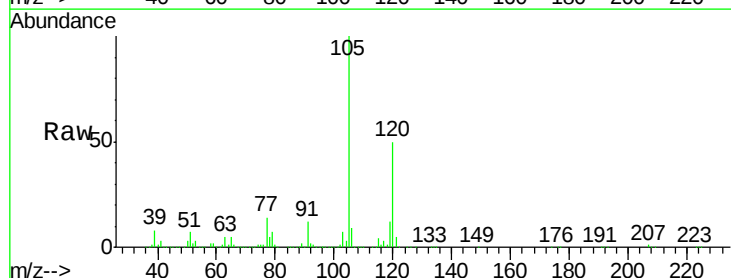
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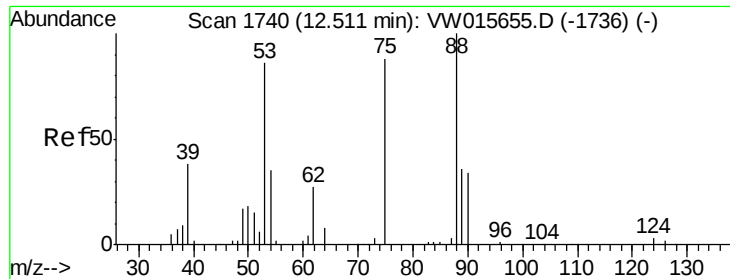
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.285 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion: 105 Resp: 551447
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 51.296 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015655.D

Acq: 23 Jun 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 31179

Ion Ratio Lower Upper

75 100

53 104.8 83.8 125.8

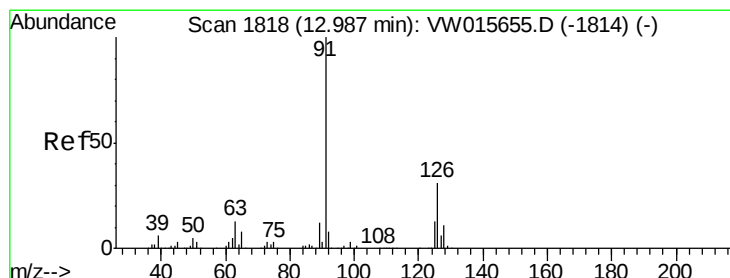
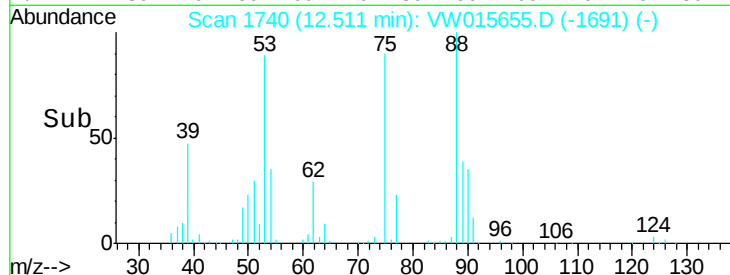
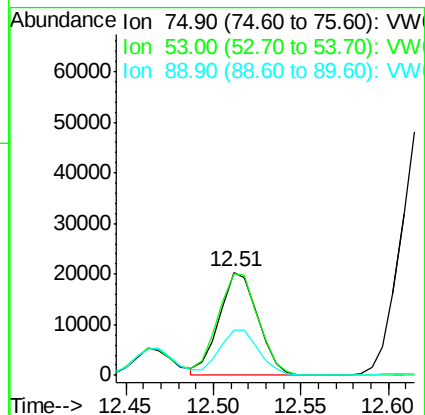
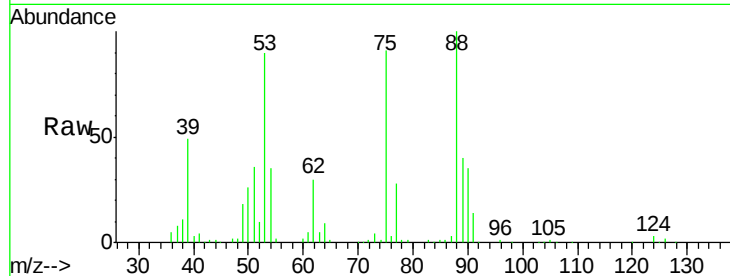
89 45.8 36.6 55.0

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#82

4-Chlorotoluene

Concen: 53.538 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015655.D

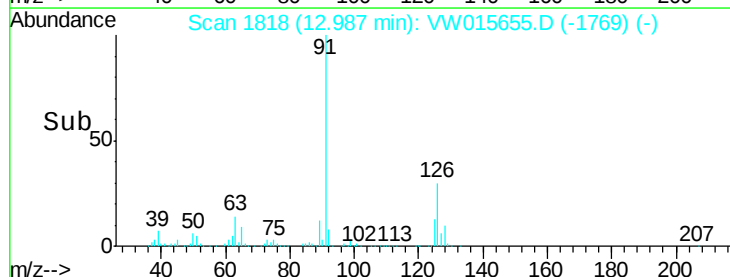
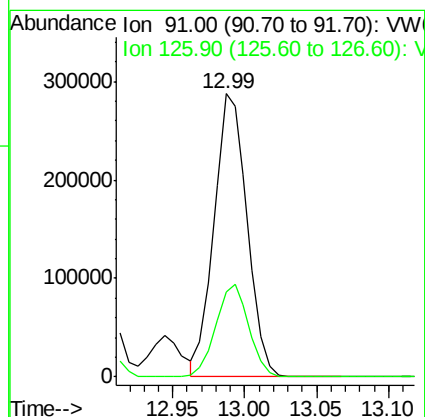
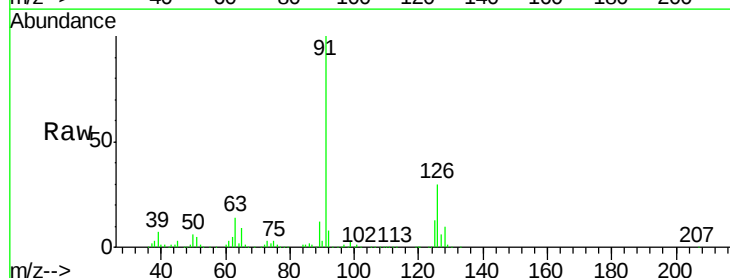
Acq: 23 Jun 2020 12:03

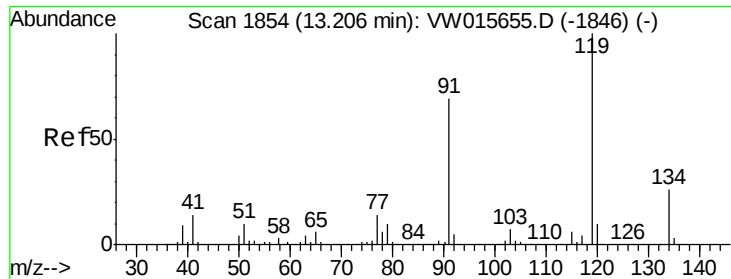
Tgt Ion: 91 Resp: 459713

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.9





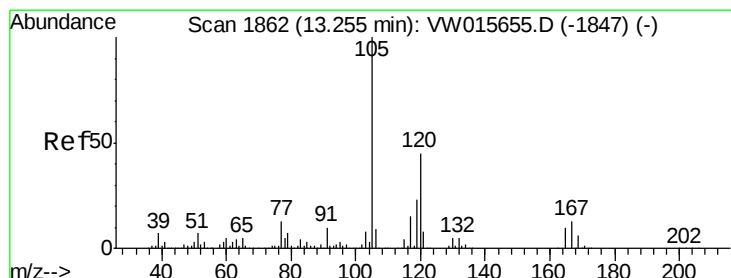
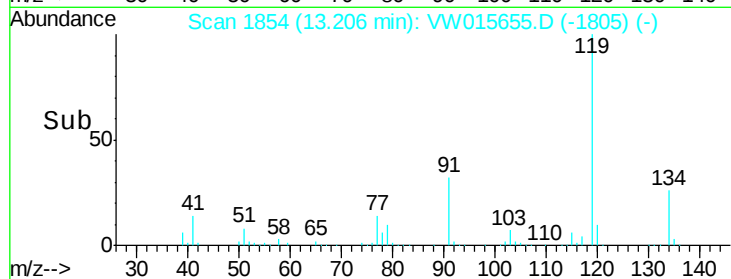
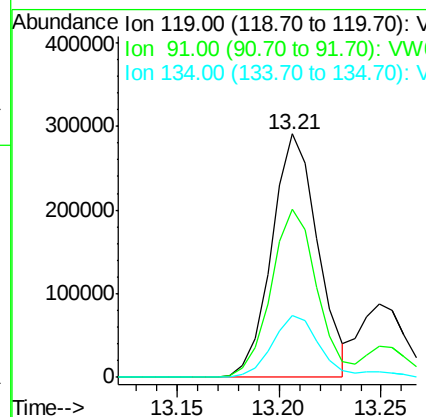
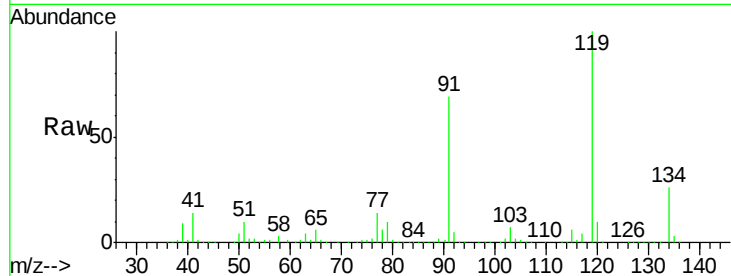
#83
 tert-Butylbenzene
 Concen: 52.067 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.4	34.7	104.1
134	27.6	13.8	41.4

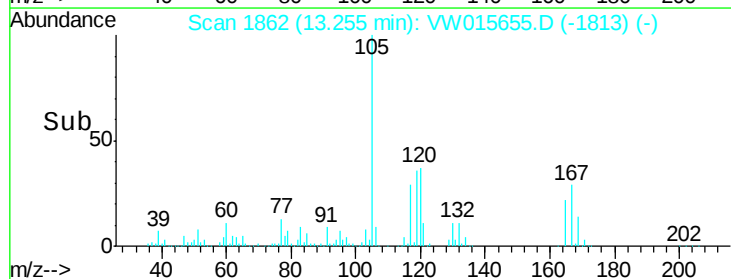
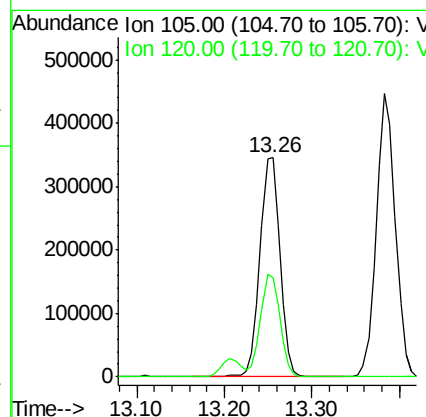
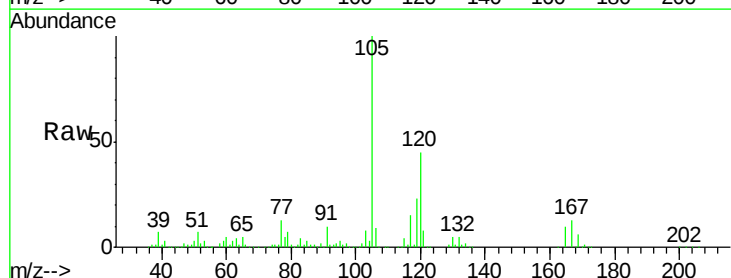
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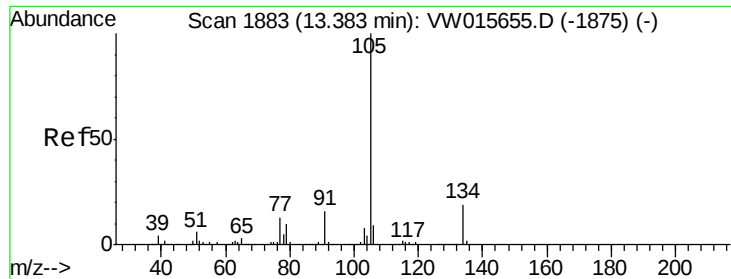
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.363 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.8	68.3





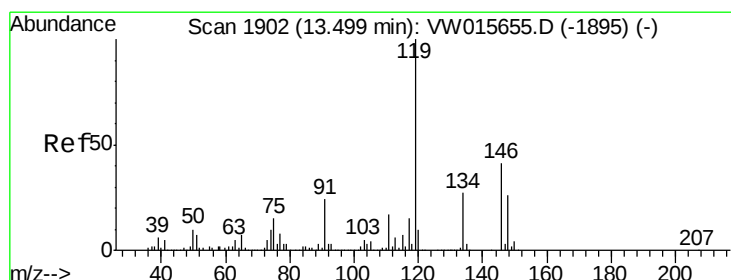
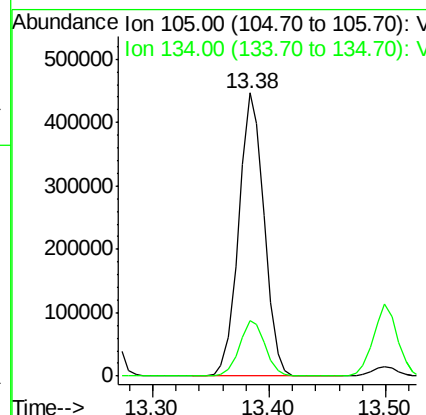
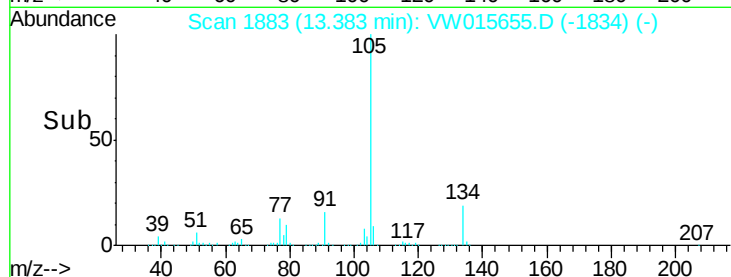
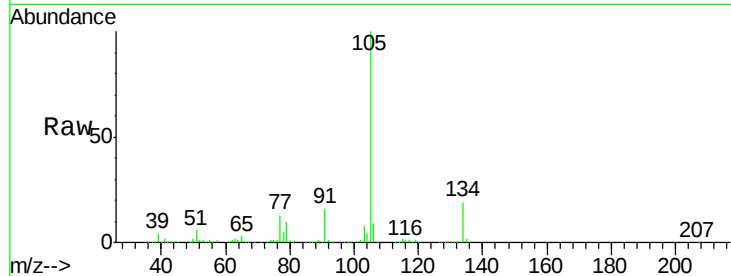
#85
 sec-Butylbenzene
 Concen: 54.124 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.0	29.8

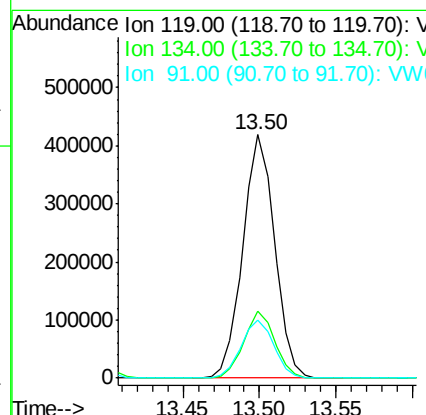
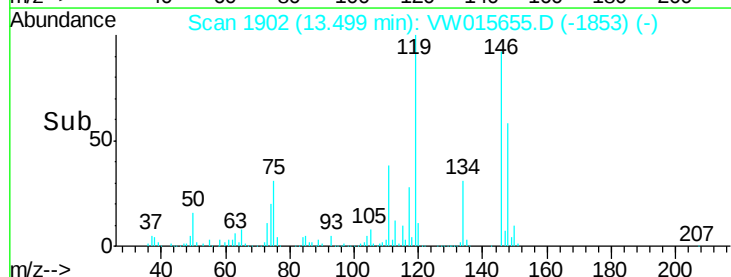
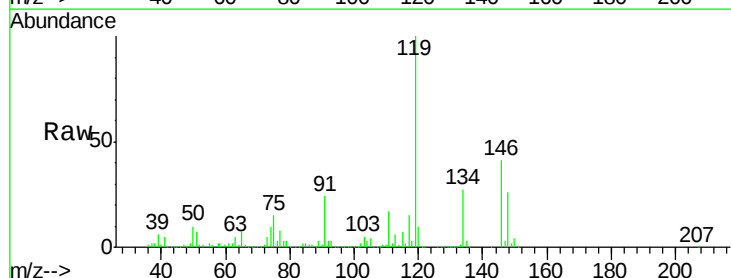
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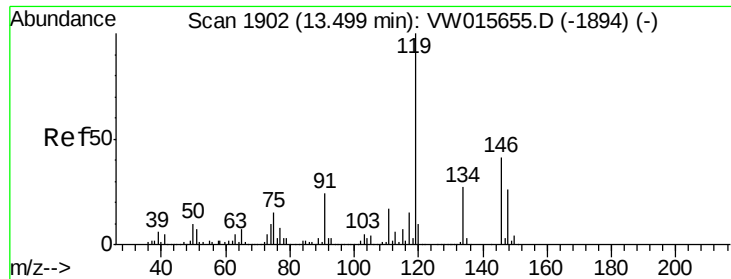
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#86
 p-Isopropyltoluene
 Concen: 53.080 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.5	40.4
91	24.5	12.3	36.8





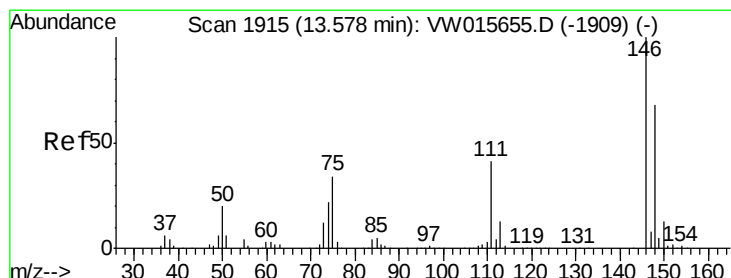
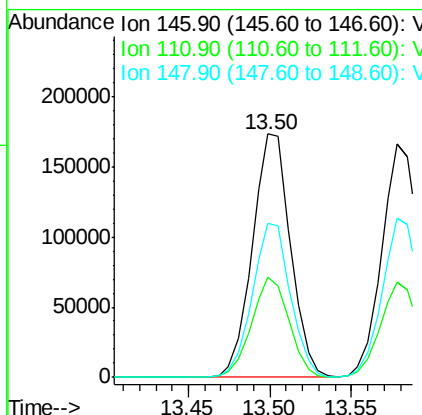
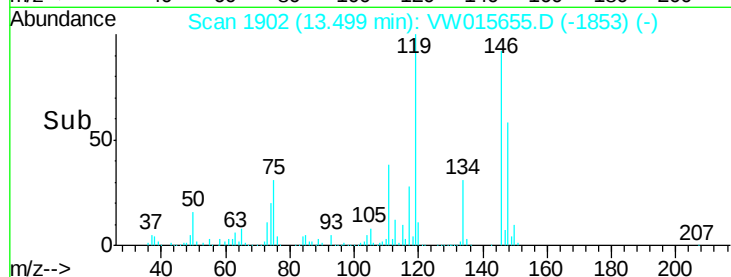
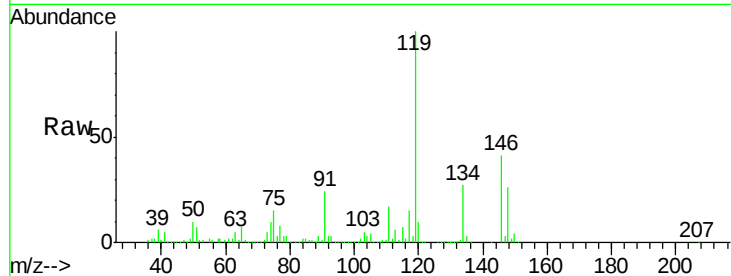
#87
 1,3-Dichlorobenzene
 Concen: 53.506 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	63.1	31.6	94.7

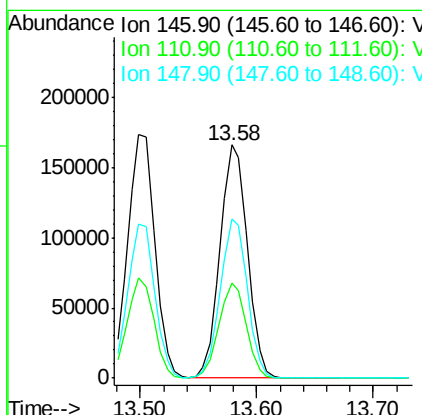
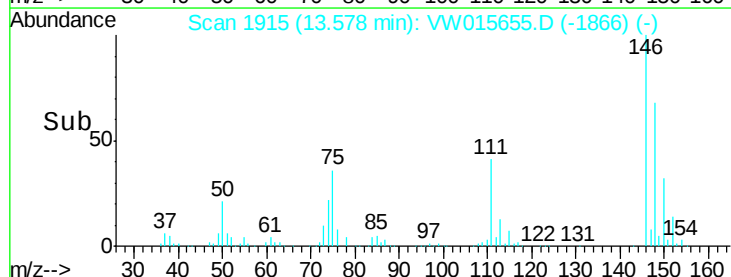
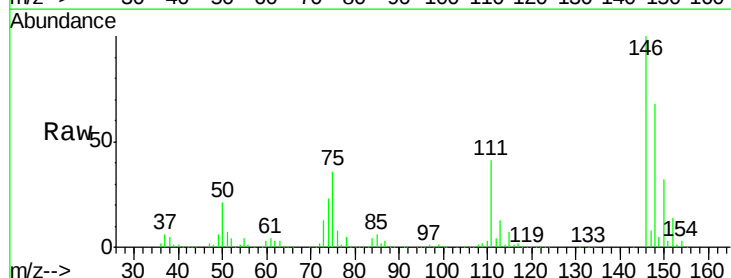
Manual Integrations
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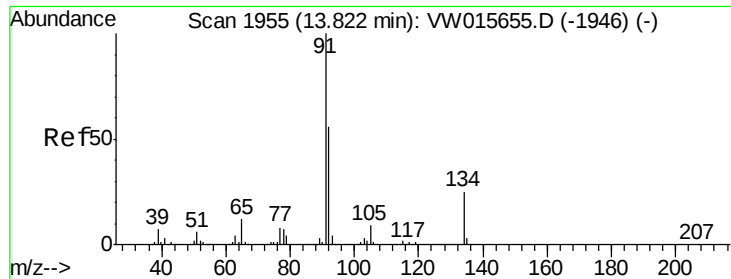
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#88
 1,4-Dichlorobenzene
 Concen: 51.945 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.9
148	67.4	33.7	101.1





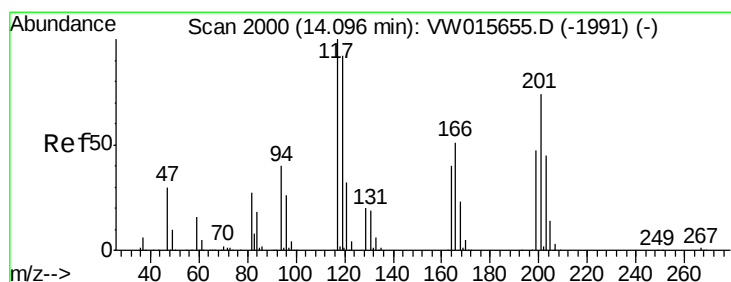
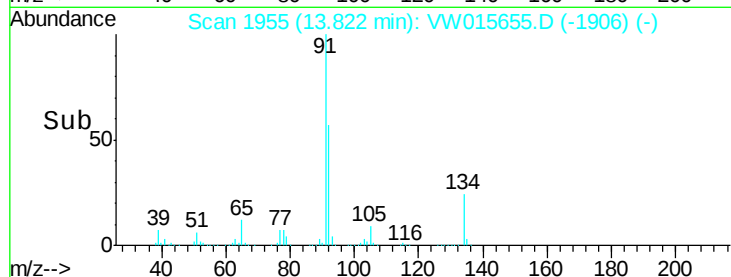
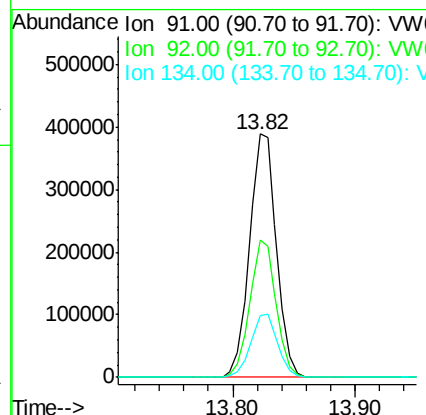
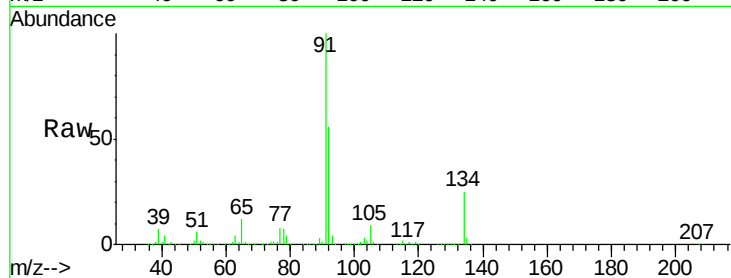
#89
n-Butylbenzene
Concen: 53.914 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.5	82.4
134	25.9	13.0	38.9

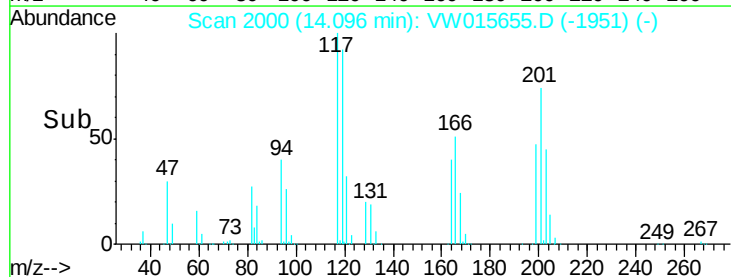
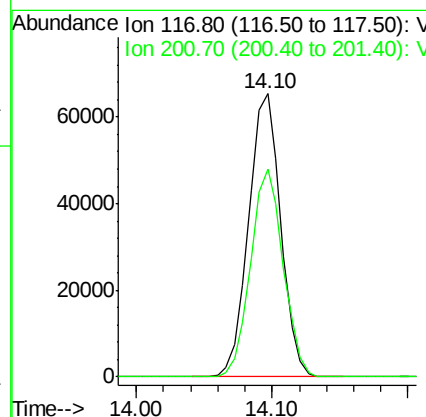
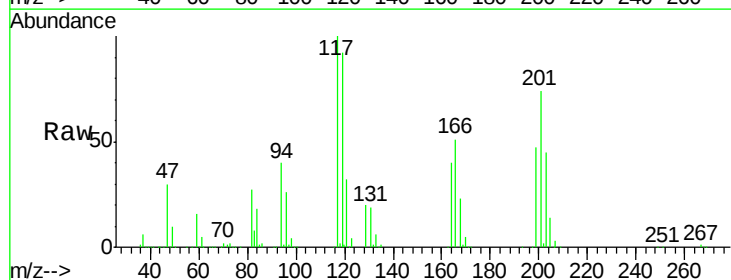
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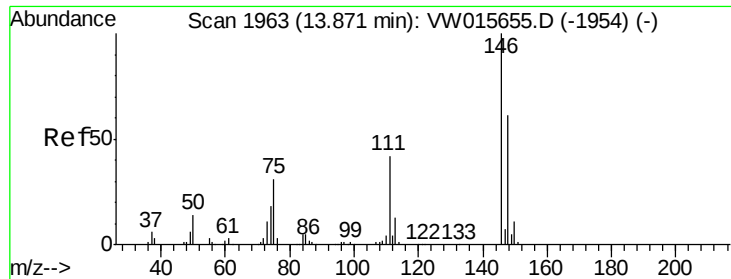
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6/24/2020 10:58:14 AM



#90
Hexachloroethane
Concen: 51.794 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.3	37.1	111.5





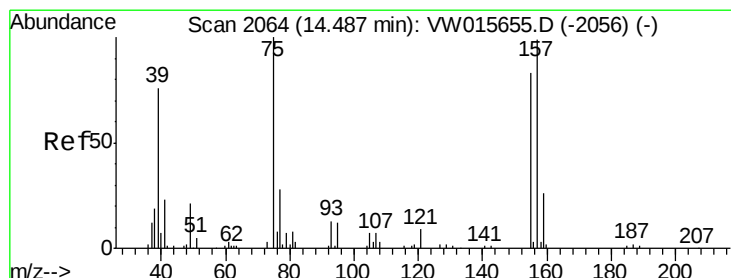
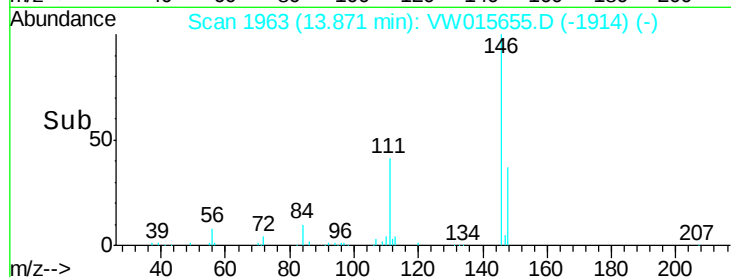
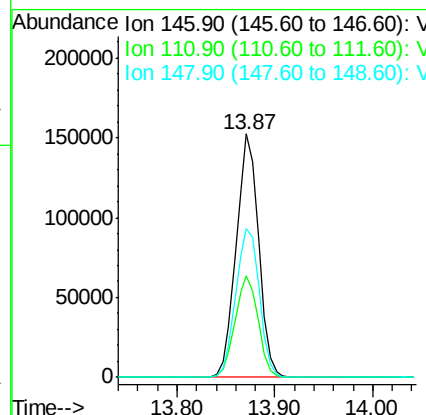
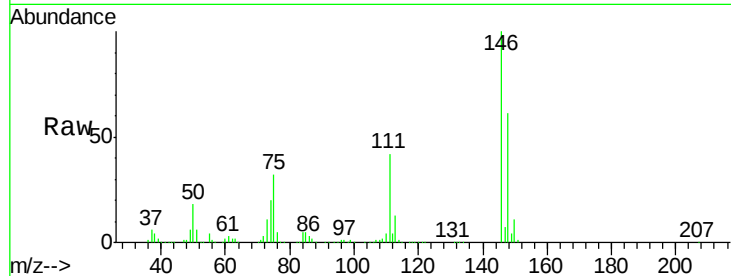
#91
 1,2-Dichlorobenzene
 Concen: 53.015 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.7
148	64.4	32.2	96.6

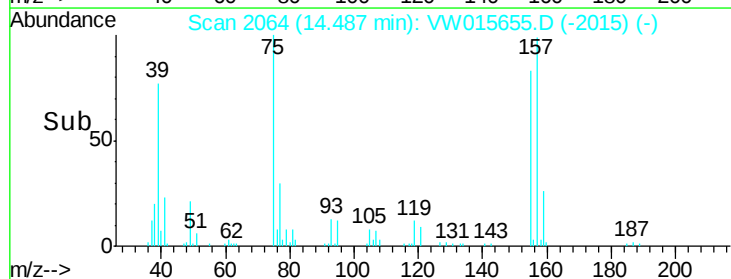
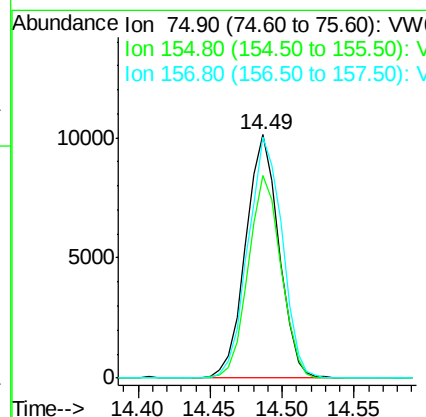
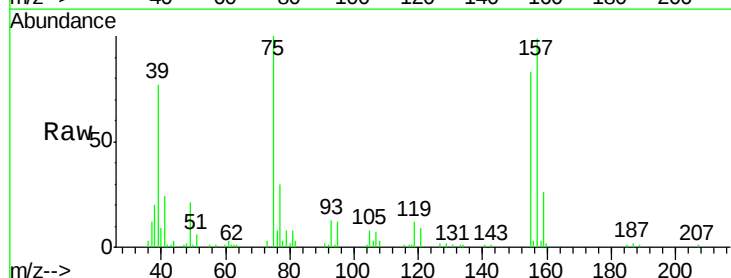
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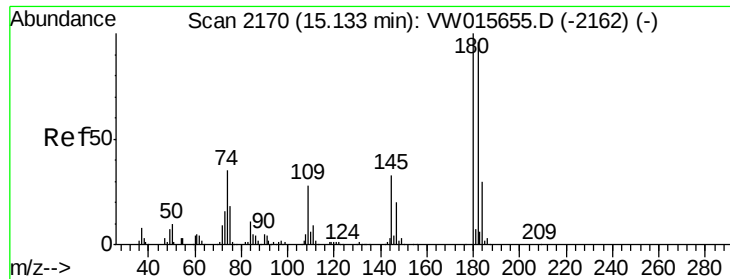
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 6/24/2020 10:58:14 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.908 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.5	40.8	122.2
157	101.4	50.7	152.1





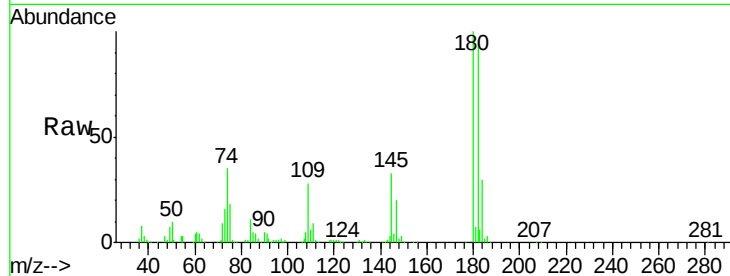
#93
 1,2,4-Trichlorobenzene
 Concen: 52.894 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

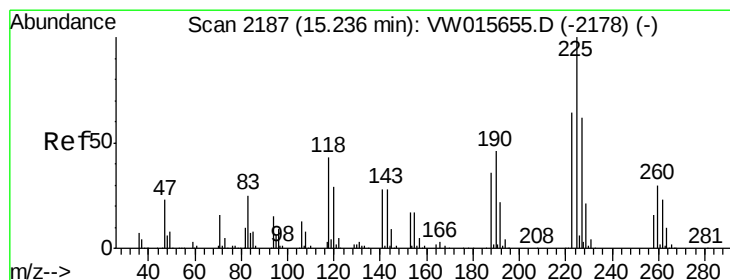
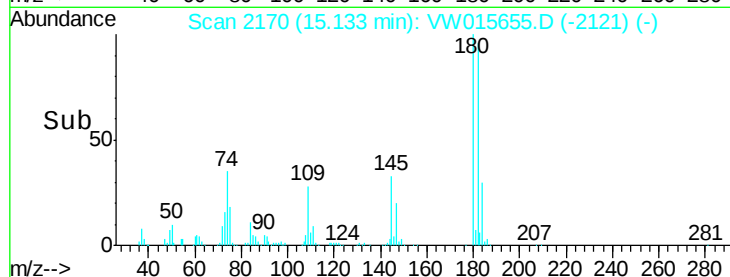
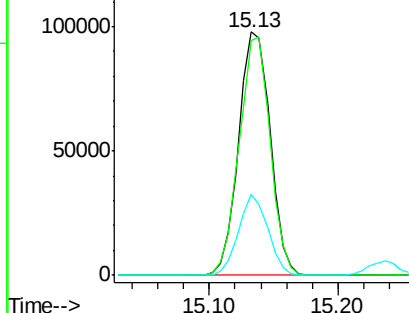
Tot Ion	Ratio	Resp	Lower	Upper
180	100	166334		
182	95.7	47.9	143.6	
145	31.1	15.6	46.7	

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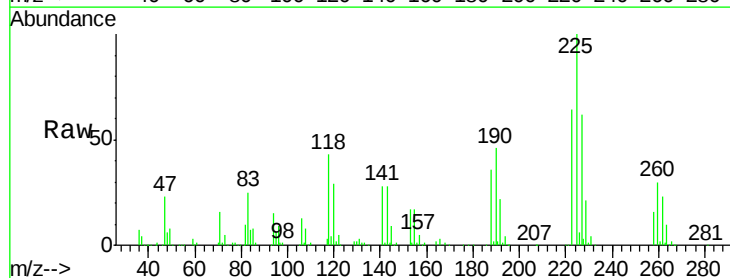


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

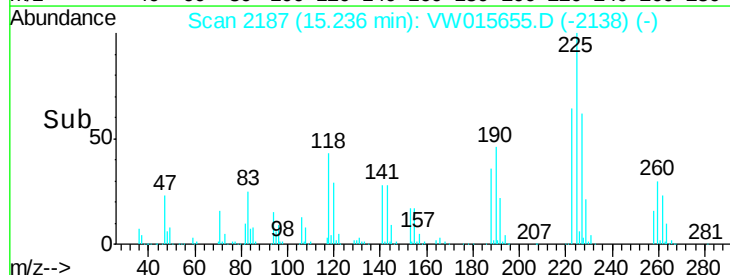
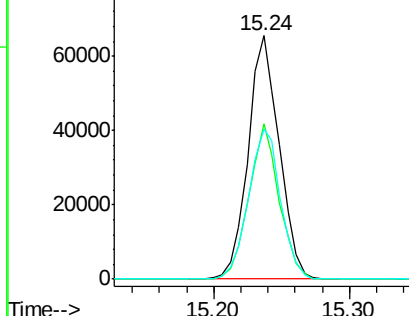


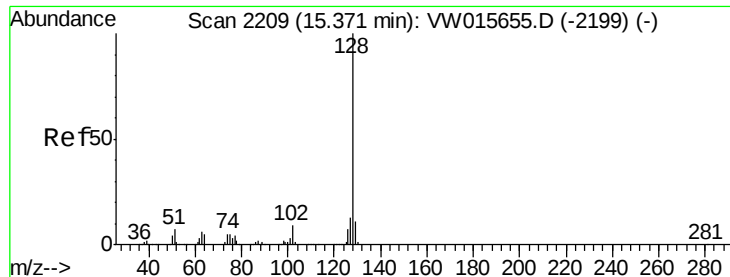
#94
 Hexachlorobutadiene
 Concen: 54.003 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015655.D
 Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	104575		
223	62.0	31.0	93.0	
227	63.9	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





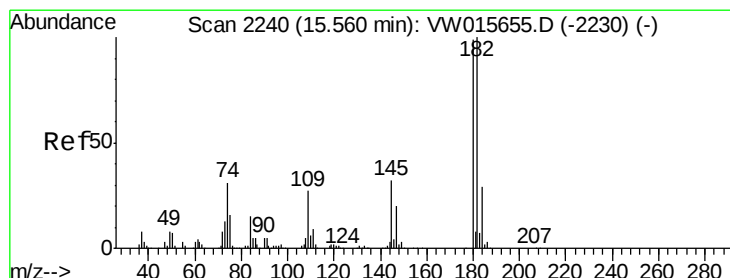
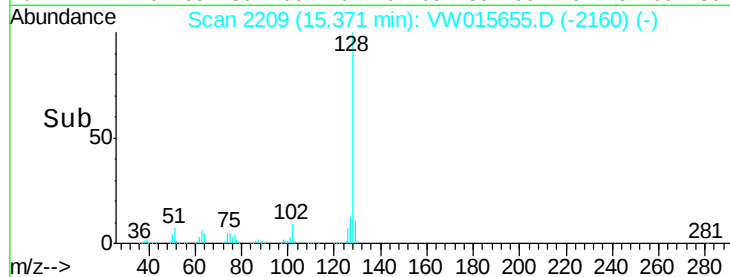
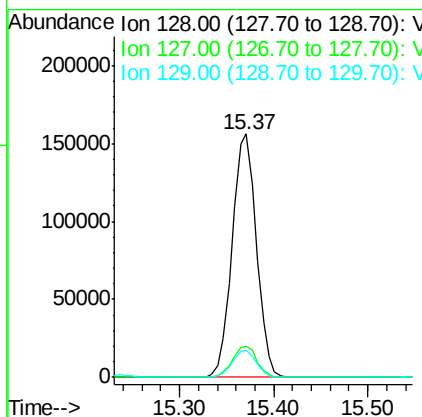
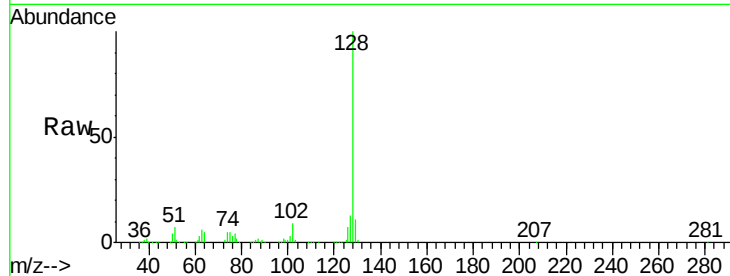
#95
Naphthalene
Concen: 53.399 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

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

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6/24/2020 10:58:14 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.516 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015655.D
Acq: 23 Jun 2020 12:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	49.0	147.0
145	32.8	16.4	49.2

