

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015714.D
 Acq On : 25 Jun 2020 05:52
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 4:18:20 PM

Quant Time: Jun 25 06:32:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	191426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119566	56.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.28%	
35) Dibromofluoromethane	7.88	113	103986	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
50) Toluene-d8	10.32	98	417660	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.62	95	165187	57.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.86%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	49515	43.381	ug/l 98
3) Chloromethane	2.21	50	71866	53.619	ug/l 98
4) Vinyl Chloride	2.36	62	109234	50.413	ug/l 98
5) Bromomethane	2.78	94	92374	58.004	ug/l 100
6) Chloroethane	2.92	64	77486	54.341	ug/l 99
7) Trichlorofluoromethane	3.26	101	76068	46.755	ug/l 99
8) Diethyl Ether	3.68	74	52180	55.534	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	92661	48.319	ug/l 100
10) Methyl Iodide	4.26	142	141965	52.355	ug/l 100
11) Tert butyl alcohol	5.21	59	30748	261.919	ug/l 99
12) 1,1-Dichloroethene	4.04	96	91827	49.176	ug/l 99
13) Acrolein	3.89	56	36969	249.864	ug/l 100
14) Allyl chloride	4.66	41	151163	49.897	ug/l 99
15) Acrylonitrile	5.37	53	117684	303.572	ug/l 99
16) Acetone	4.13	43	93504	230.933	ug/l 98
17) Carbon Disulfide	4.38	76	266926	49.667	ug/l 99
18) Methyl Acetate	4.67	43	53503	65.282	ug/l 100
19) Methyl tert-butyl Ether	5.43	73	168123	59.825	ug/l 99
20) Methylene Chloride	4.91	84	117576	60.562	ug/l 96
21) trans-1,2-Dichloroethene	5.42	96	111597	52.127	ug/l 96
22) Diisopropyl ether	6.31	45	347141	57.614	ug/l 96
23) Vinyl Acetate	6.26	43	1063824	302.763	ug/l 99
24) 1,1-Dichloroethane	6.21	63	203211	53.578	ug/l 99
25) 2-Butanone	7.18	43	150508	275.036	ug/l 99
26) 2,2-Dichloropropane	7.17	77	109293	42.963	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	127549	55.383	ug/l 98
28) Bromochloromethane	7.51	49	79252	54.322	ug/l 99
29) Tetrahydrofuran	7.53	42	98441	306.122	ug/l 99
30) Chloroform	7.68	83	215209	55.327	ug/l 99
31) Cyclohexane	7.95	56	171082	46.631	ug/l 96
32) 1,1,1-Trichloroethane	7.87	97	173106	52.208	ug/l 99
36) 1,1-Dichloropropene	8.08	75	162101	49.394	ug/l 100
37) Ethyl Acetate	7.26	43	73380	58.560	ug/l 99
38) Carbon Tetrachloride	8.07	117	160698	50.514	ug/l 98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	194654	48.970	ug/l	97
40) Benzene	8.32	78	469724	52.639	ug/l	99
41) Methacrylonitrile	7.48	41	44608	62.028	ug/l	93
42) 1,2-Dichloroethane	8.40	62	154406	55.932	ug/l	100
43) Isopropyl Acetate	8.43	43	148003	59.187	ug/l	99
44) Trichloroethene	9.09	130	121894	50.679	ug/l	94
45) 1,2-Dichloropropane	9.37	63	118094	54.142	ug/l	99
46) Dibromomethane	9.46	93	65136	57.718	ug/l	100
47) Bromodichloromethane	9.65	83	162110	55.070	ug/l	96
48) Methyl methacrylate	9.44	41	69201	60.531	ug/l	95
49) 1,4-Dioxane	9.46	88	15807	1067.721	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	370441	307.187	ug/l	100
52) Toluene	10.39	92	324341	56.290	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	158369	55.689	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	183026	53.874	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	92570	58.997	ug/l	95
56) Ethyl methacrylate	10.65	69	120779	61.864	ug/l	96
57) 1,3-Dichloropropane	10.93	76	163672	58.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	292102	316.166	ug/l	100
59) 2-Hexanone	10.97	43	249079	303.393	ug/l	99
60) Dibromochloromethane	11.13	129	111632	61.052	ug/l	99
61) 1,2-Dibromoethane	11.24	107	89721	59.821	ug/l	99
64) Tetrachloroethene	10.87	164	111669	49.846	ug/l	96
65) Chlorobenzene	11.66	112	347420	51.672	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	124276	52.717	ug/l	99
67) Ethyl Benzene	11.73	91	647101	51.715	ug/l	99
68) m/p-Xylenes	11.84	106	487541	103.764	ug/l	100
69) o-Xylene	12.16	106	228994	53.007	ug/l	100
70) Styrene	12.18	104	398525	53.993	ug/l	99
71) Bromoform	12.35	173	61344	56.555	ug/l #	97
73) Isopropylbenzene	12.46	105	628678	50.322	ug/l	99
74) N-amyl acetate	12.27	43	143191	54.068	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	110618	55.347	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	76498m	51.209	ug/l	
77) Bromobenzene	12.75	156	146523	52.598	ug/l	100
78) n-propylbenzene	12.80	91	748298	49.761	ug/l	100
79) 2-Chlorotoluene	12.89	91	434292	51.292	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	539816	50.994	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28643	48.319	ug/l	93
82) 4-Chlorotoluene	12.99	91	447990	50.012	ug/l	97
83) tert-Butylbenzene	13.21	119	455640	50.942	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	538181	50.979	ug/l	100
85) sec-Butylbenzene	13.38	105	628978	49.205	ug/l	100
86) p-Isopropyltoluene	13.50	119	577080	49.688	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	278255	50.317	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	272193	49.697	ug/l	97
89) n-Butylbenzene	13.82	91	531267	47.651	ug/l	99
90) Hexachloroethane	14.10	117	102668	49.673	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	247823	51.830	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16760	52.369	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	149494	47.346	ug/l	98
94) Hexachlorobutadiene	15.23	225	87939	43.717	ug/l	99
95) Naphthalene	15.37	128	275923	52.835	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	128184	47.152	ug/l	100

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

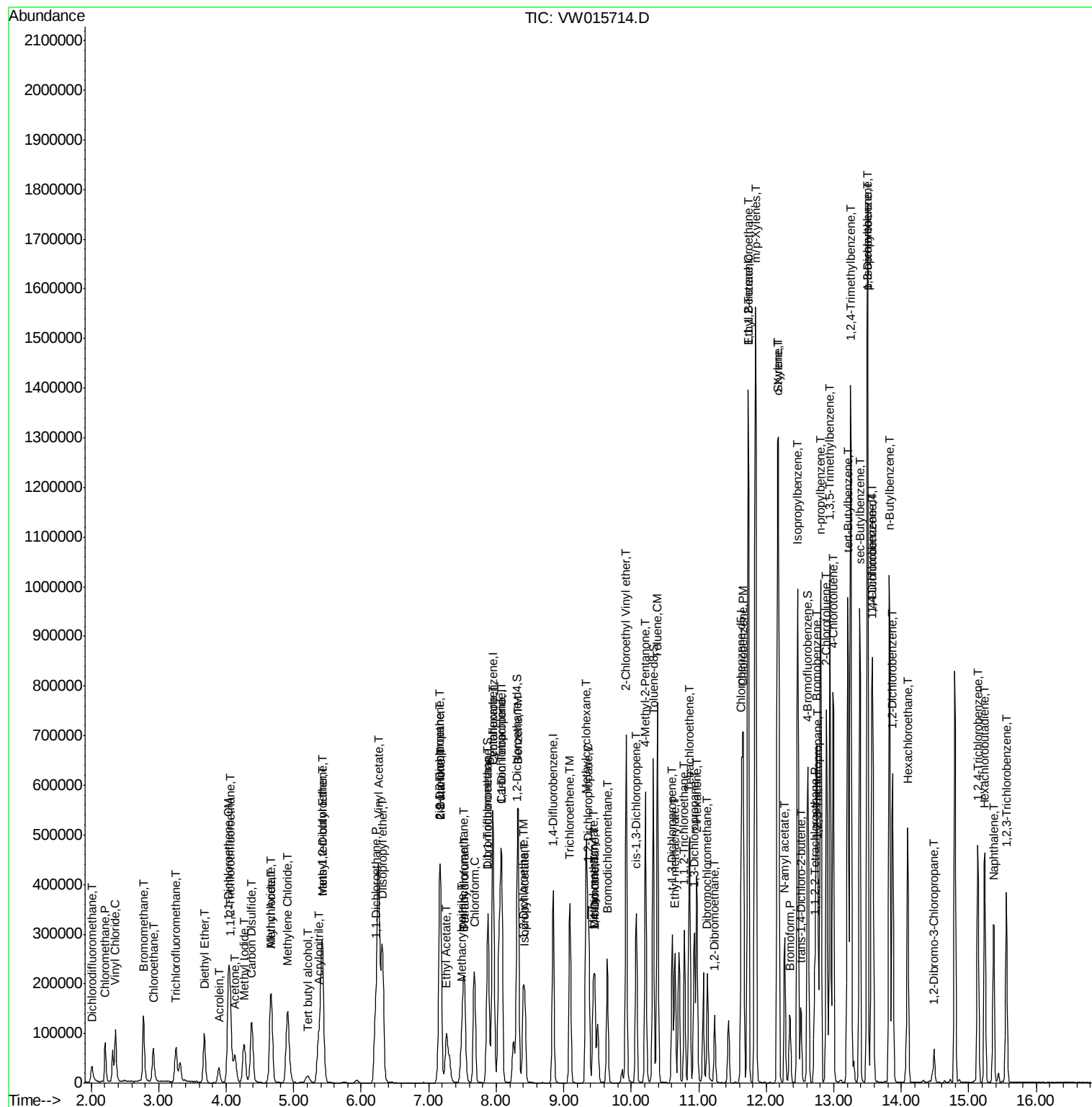
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062420\
Data File : VW015714.D
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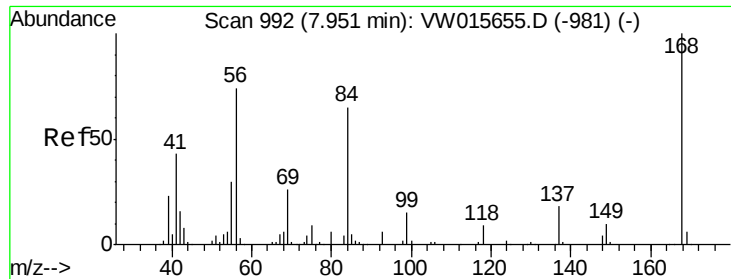
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 191426

Ion Ratio Lower Upper

168 100

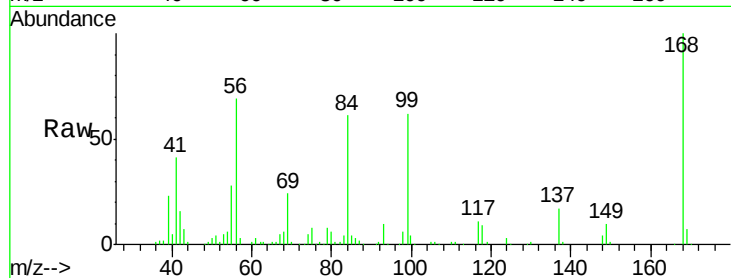
99 61.6 48.6 73.0

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

80000

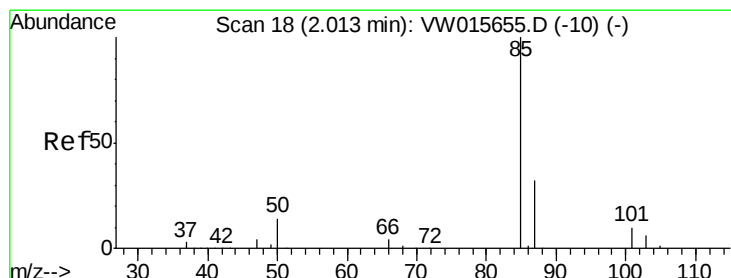
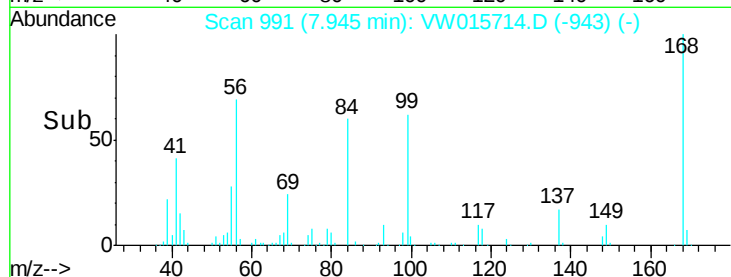
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 43.381 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW015714.D

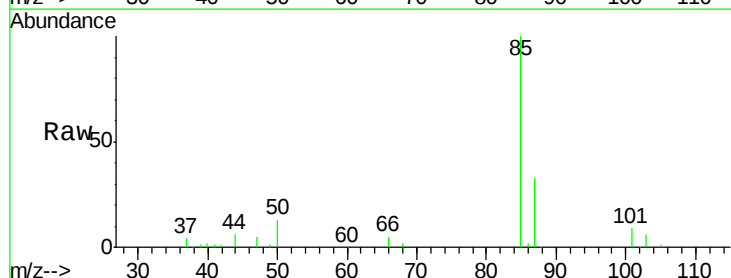
Acq: 25 Jun 2020 05:52

Tgt Ion: 85 Resp: 49515

Ion Ratio Lower Upper

85 100

87 32.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

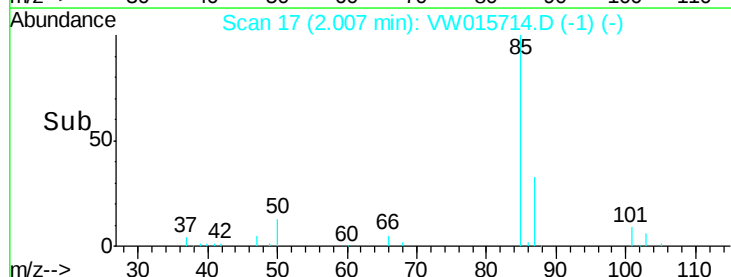
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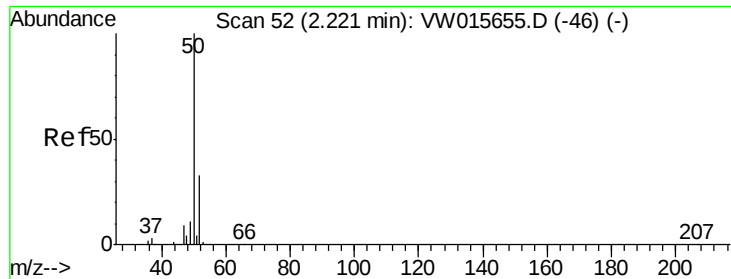
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 53.619 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 71866

Ion Ratio Lower Upper

50 100

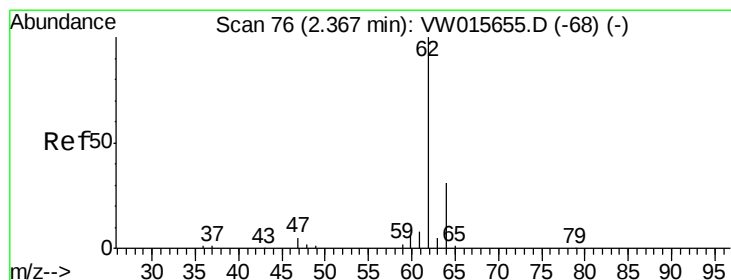
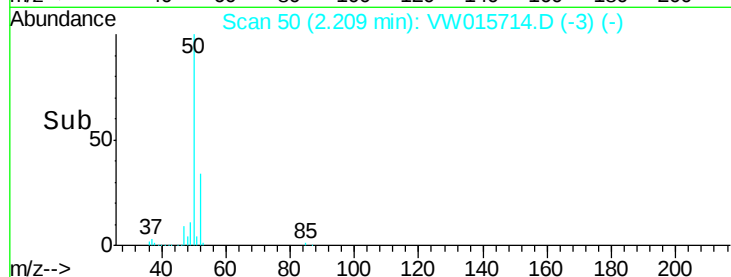
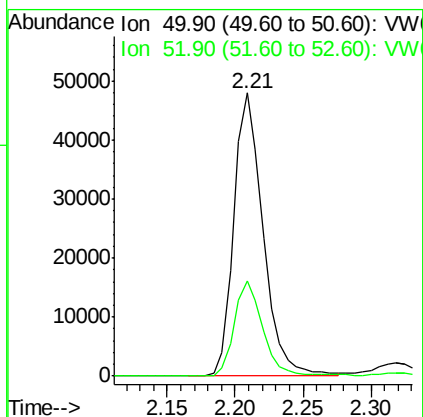
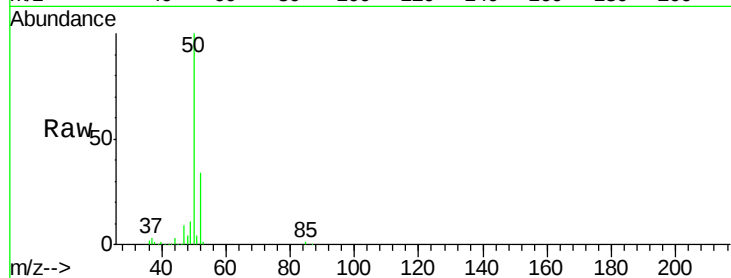
52 33.9 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.413 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015714.D

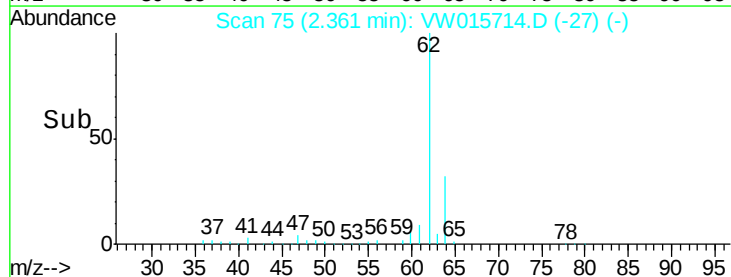
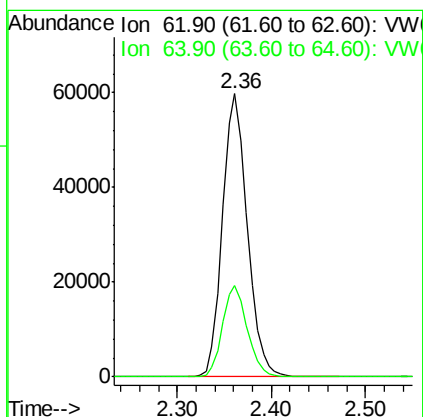
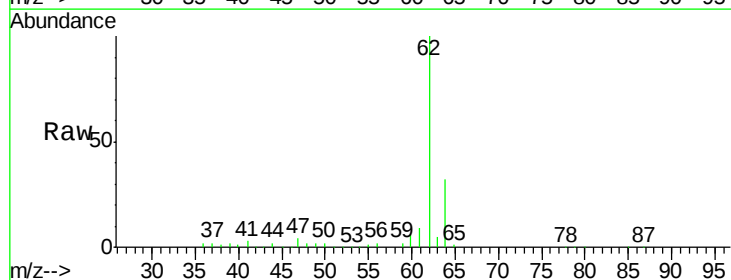
Acq: 25 Jun 2020 05:52

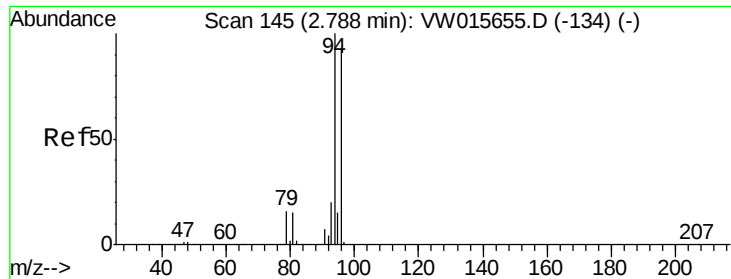
Tgt Ion: 62 Resp: 109234

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 58.004 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 92374

Ion Ratio Lower Upper

94 100

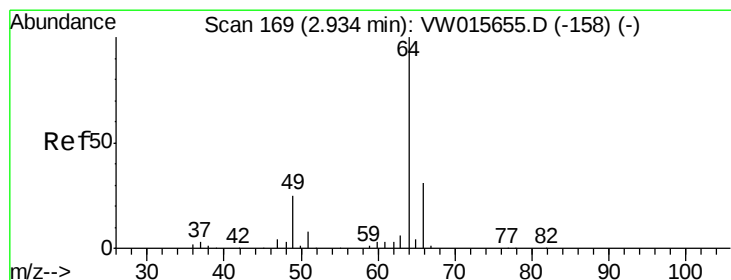
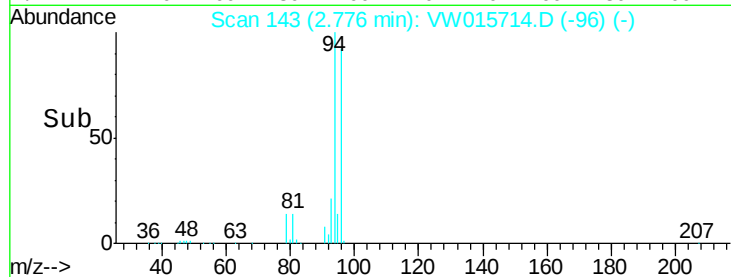
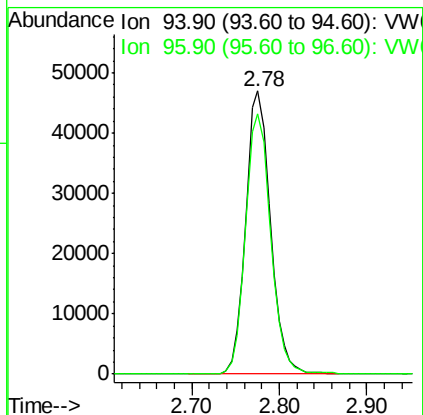
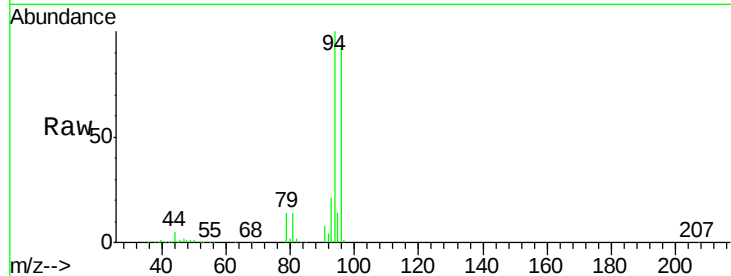
96 91.9 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 54.341 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW015714.D

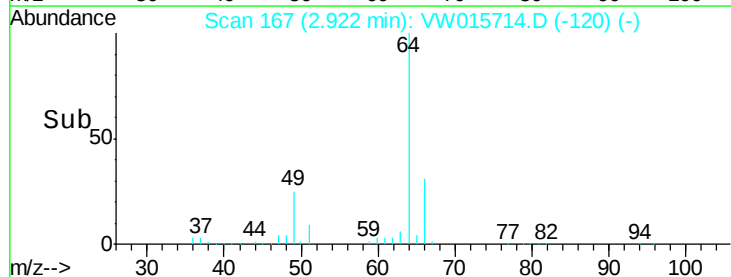
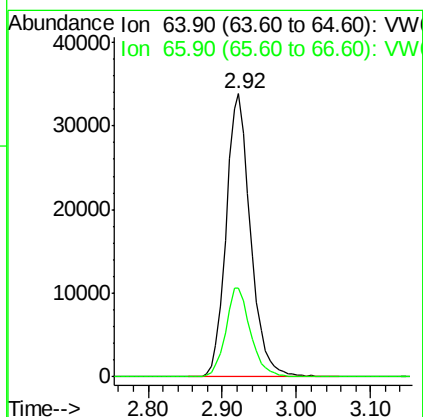
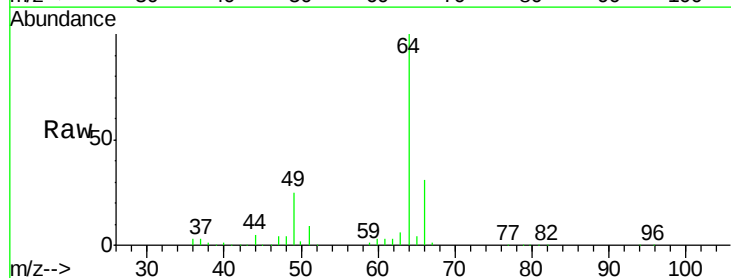
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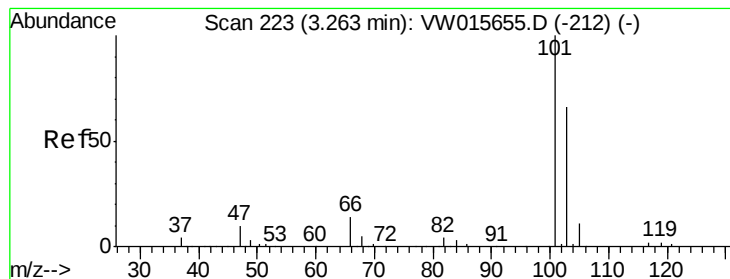
Tgt Ion: 64 Resp: 77486

Ion Ratio Lower Upper

64 100

66 31.3 25.3 37.9





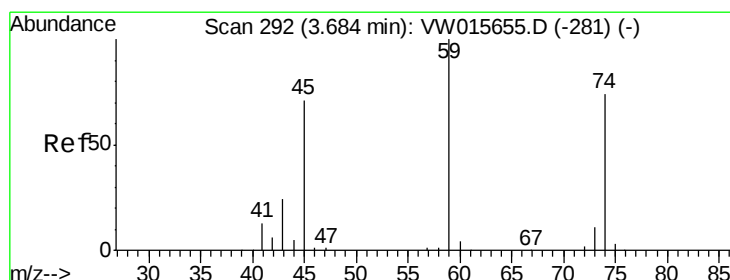
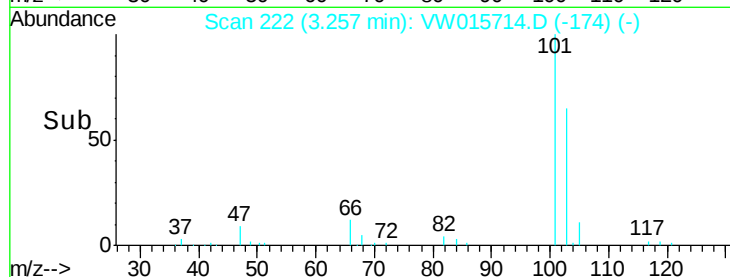
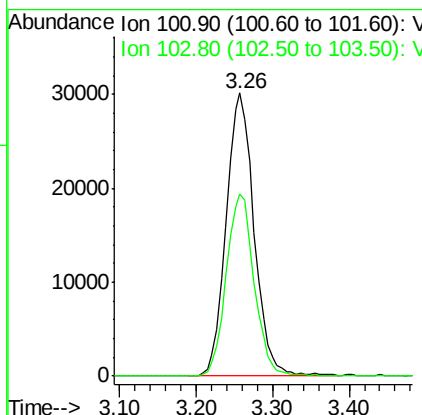
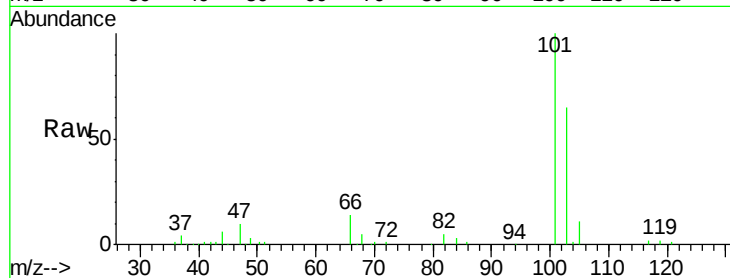
#7
 Trichlorofluoromethane
 Concen: 46.755 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

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Tot Ion:101 Resp: 76068
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.6 78.8

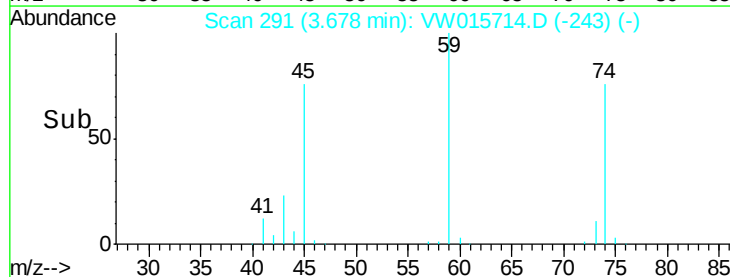
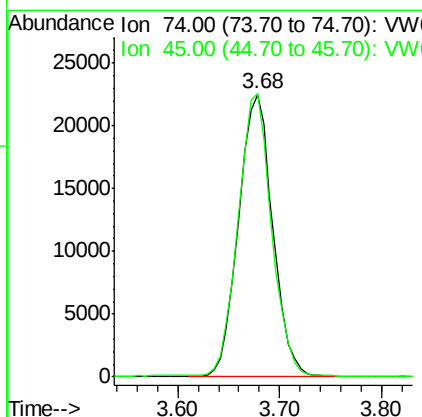
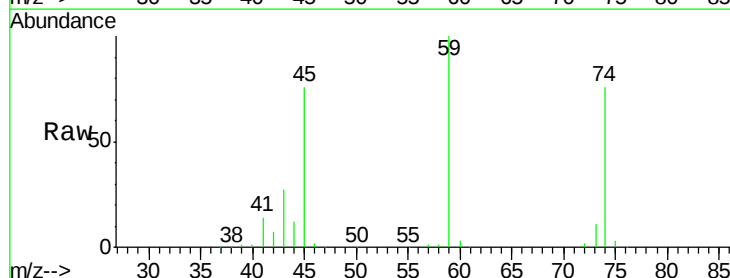
Manual Integrations
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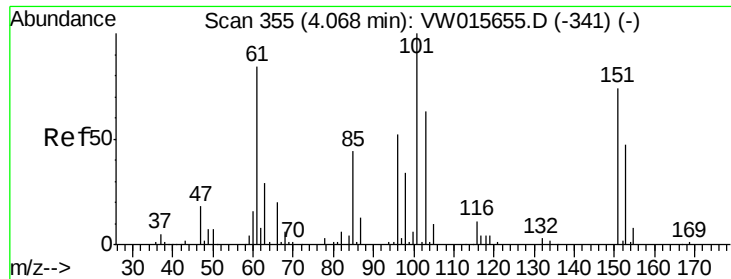
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 6/25/2020 4:18:20 PM



#8
 Diethyl Ether
 Concen: 55.534 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015714.D
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Tgt Ion: 74 Resp: 52180
 Ion Ratio Lower Upper
 74 100
 45 98.9 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.319 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

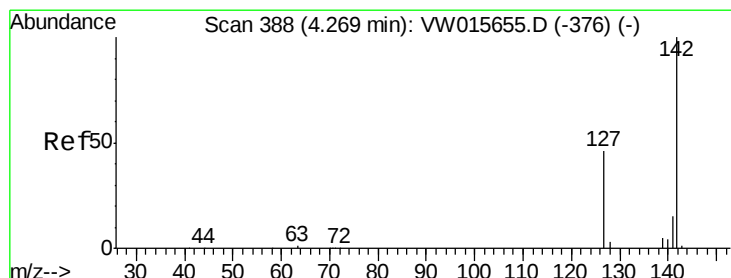
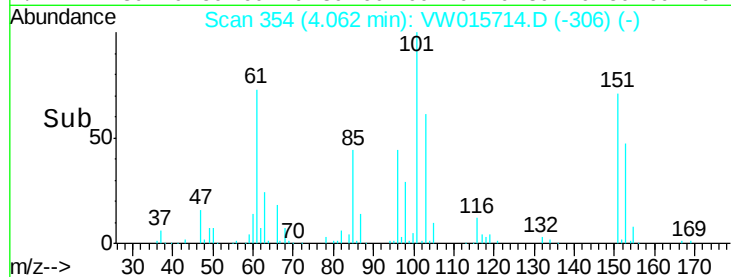
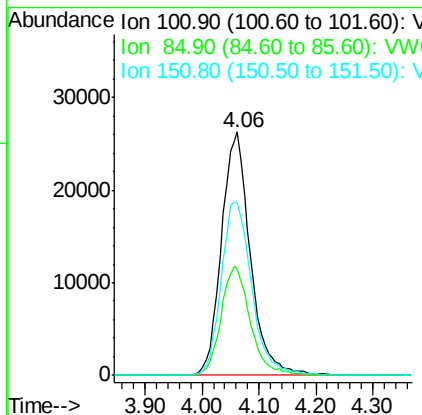
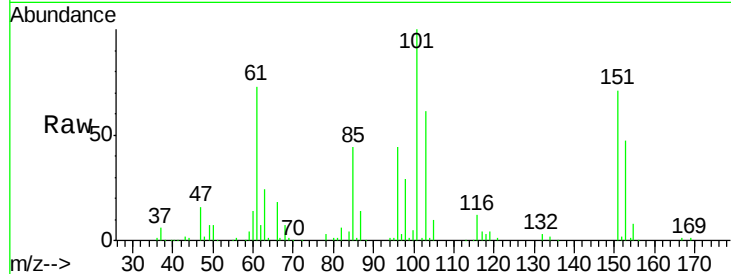
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	92661
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.6	55.0
151	75.6	60.4	90.6

Manual Integrations
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#10

Methyl Iodide

Concen: 52.355 ug/l

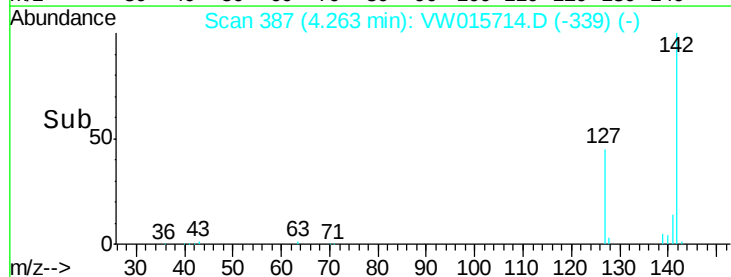
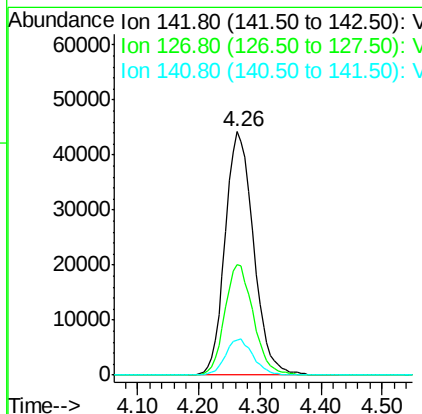
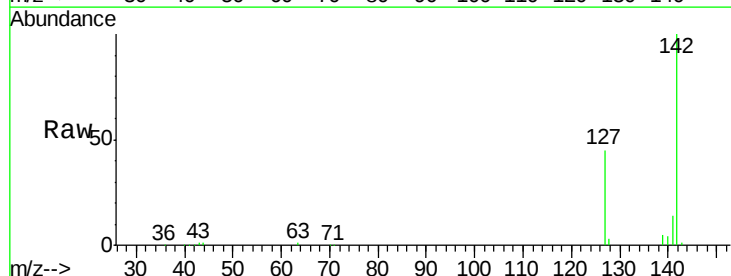
RT: 4.26 min Scan# 387

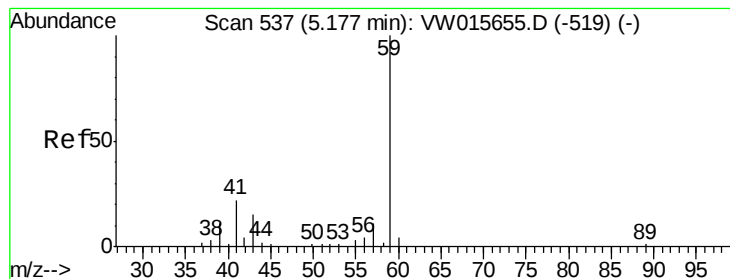
Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Tgt Ion:	142	Resp:	141965
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.4	54.6
141	14.5	11.6	17.4





#11

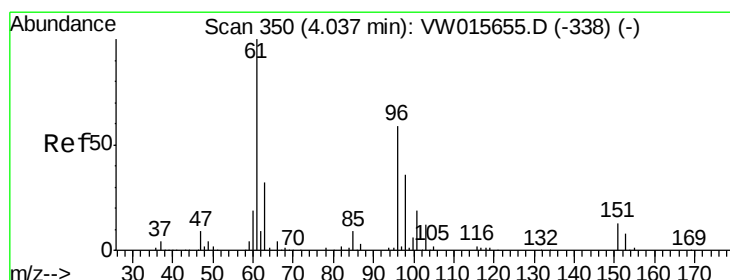
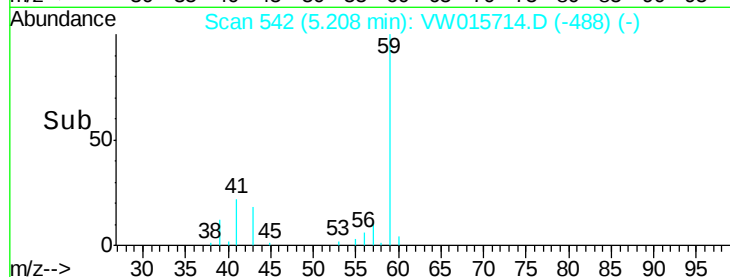
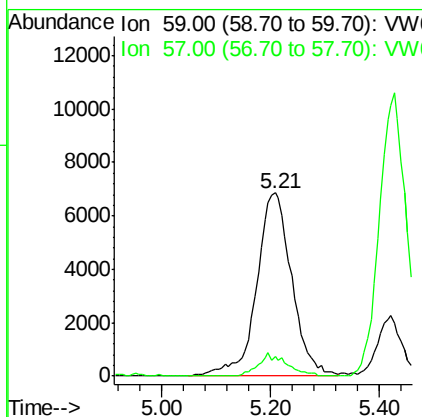
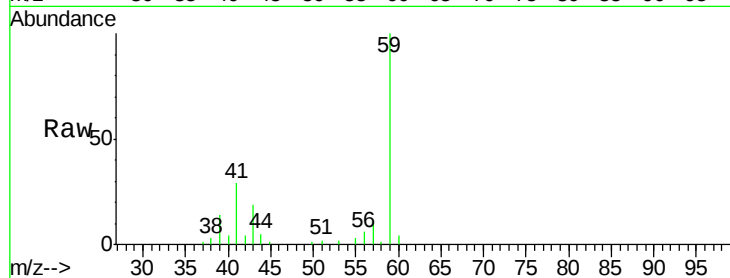
Tert butyl alcohol
Concen: 261.919 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.03 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	30748
Ion Ratio	100	Lower	Upper
57	10.1	8.4	12.6

Manual Integrations
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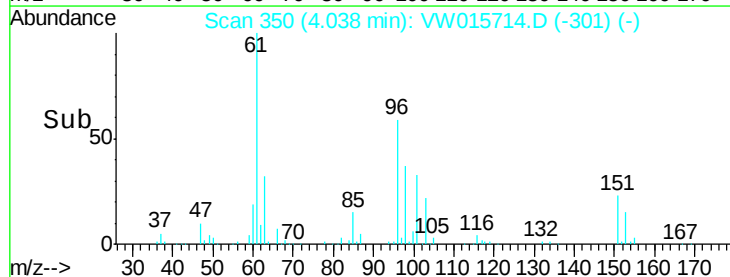
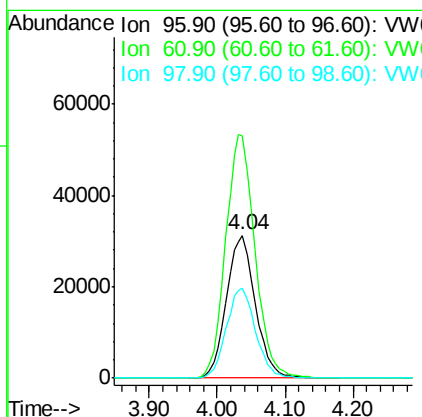
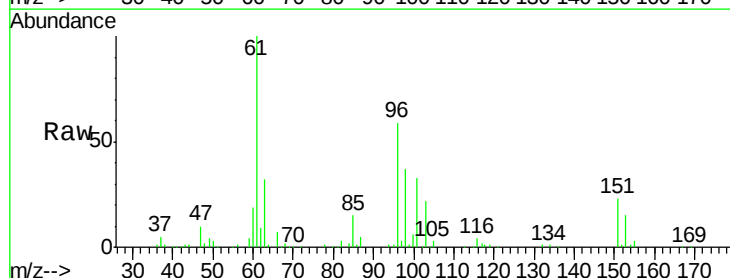
MMDadoda
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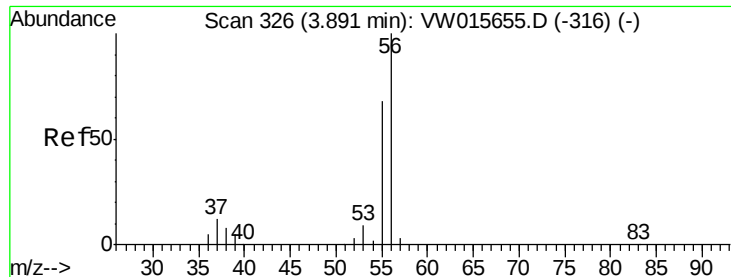


#12

1,1-Dichloroethene
Concen: 49.176 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion	96	Resp	91827
Ion Ratio	100	Lower	Upper
61	169.2	136.7	205.1
98	62.8	49.2	73.8





#13

Acrolein

Concen: 249.864 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 36969

Ion Ratio Lower Upper

56 100

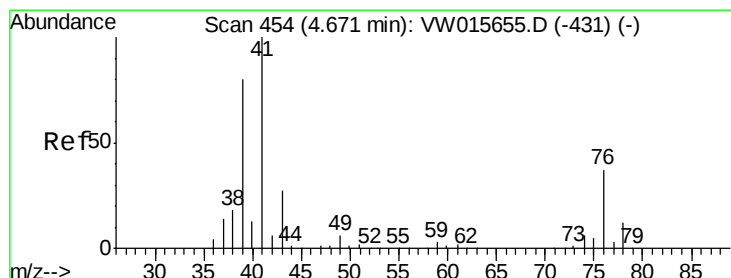
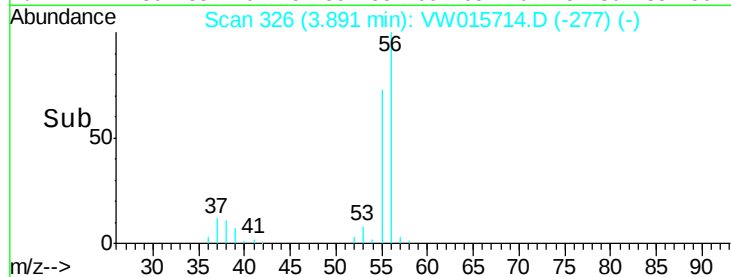
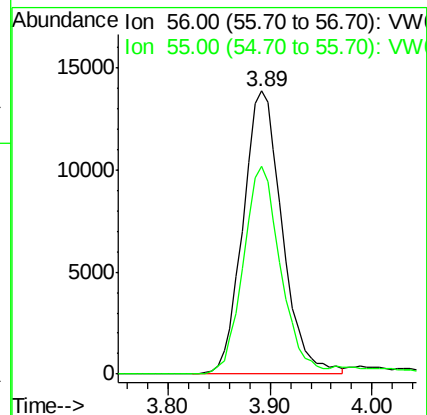
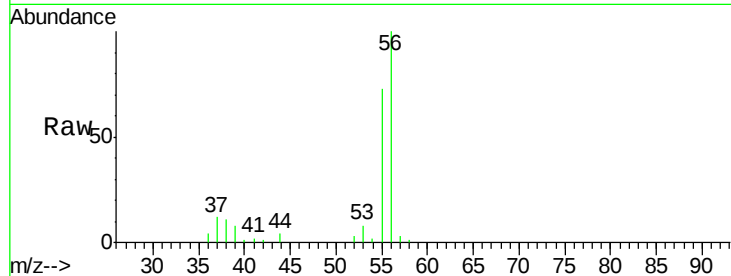
55 70.0 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 49.897 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

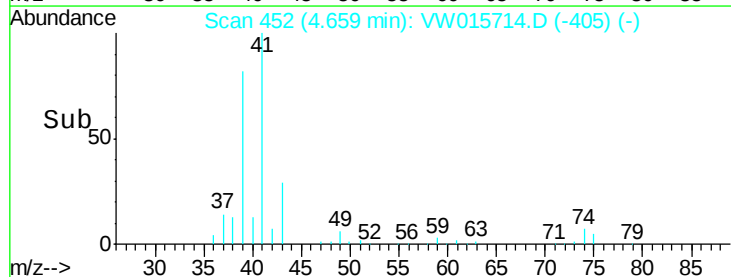
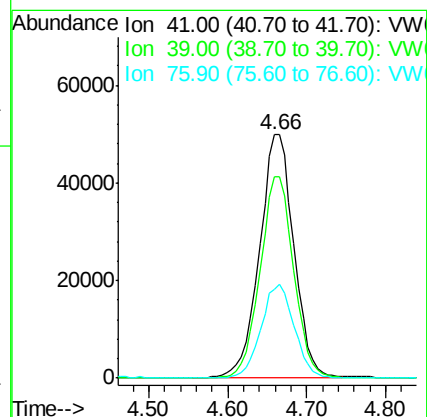
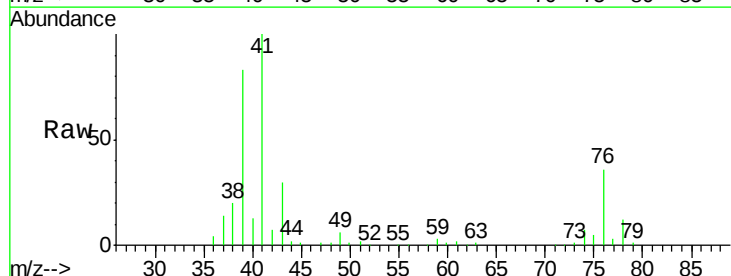
Tgt Ion: 41 Resp: 151163

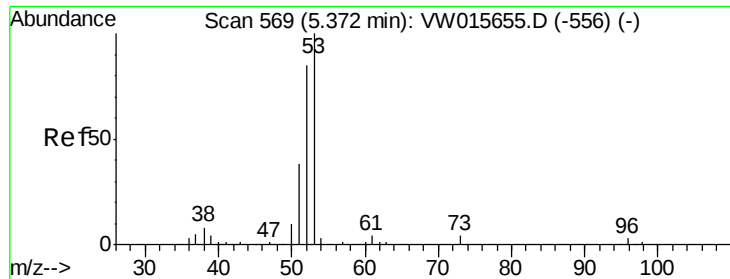
Ion Ratio Lower Upper

41 100

39 81.3 64.6 97.0

76 37.0 29.1 43.7





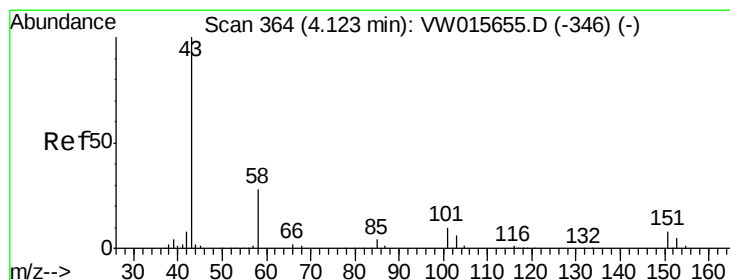
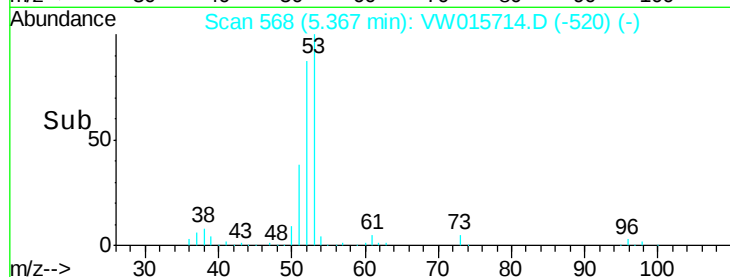
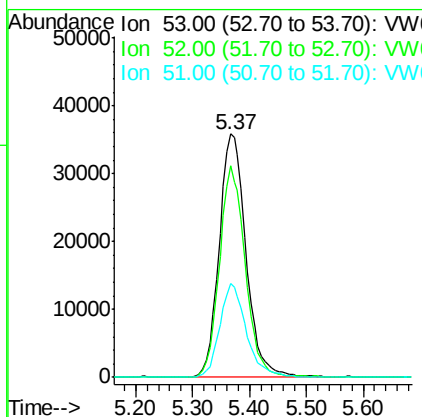
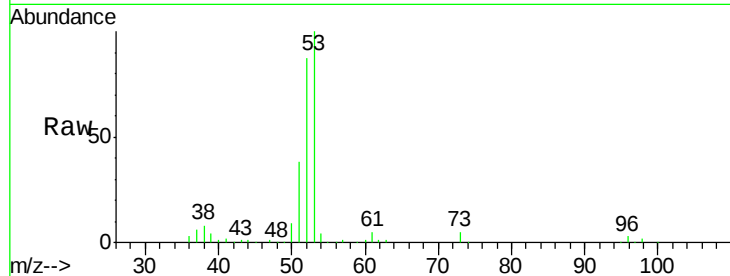
#15
 Acrylonitrile
 Concen: 303.572 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	117684
Ion	Ratio	Lower	Upper
53	100		
52	83.7	65.8	98.6
51	38.2	30.7	46.1

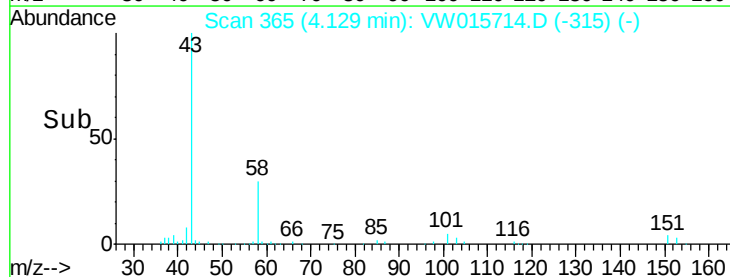
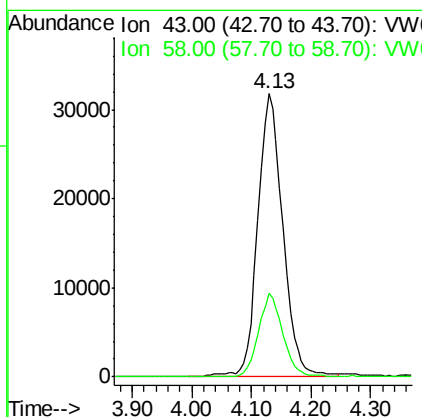
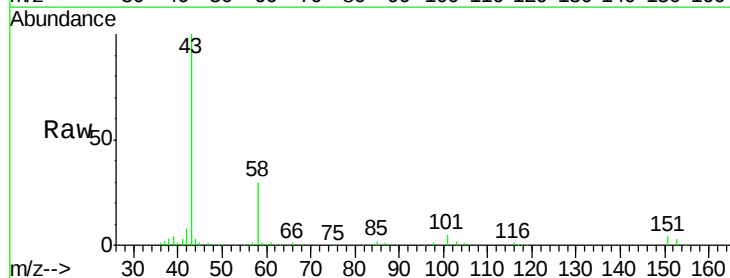
Manual Integrations
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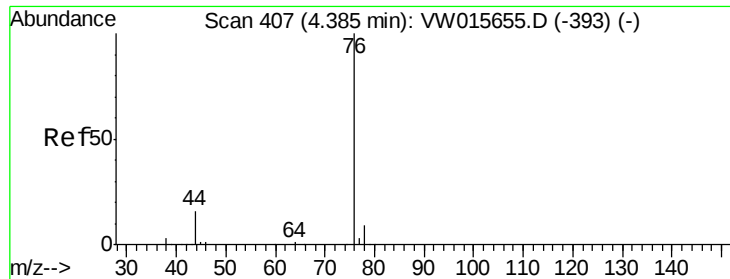
MMDadoda
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#16
 Acetone
 Concen: 230.933 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion:	43	Resp:	93504
Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.6	33.8





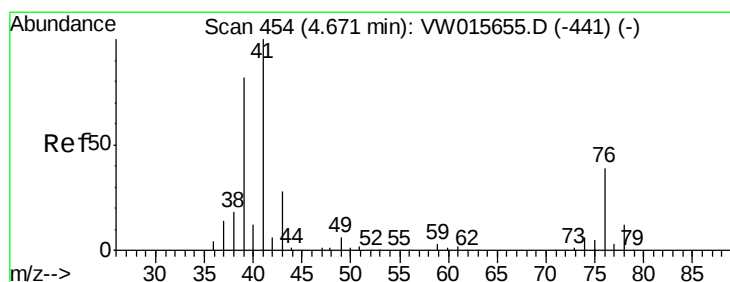
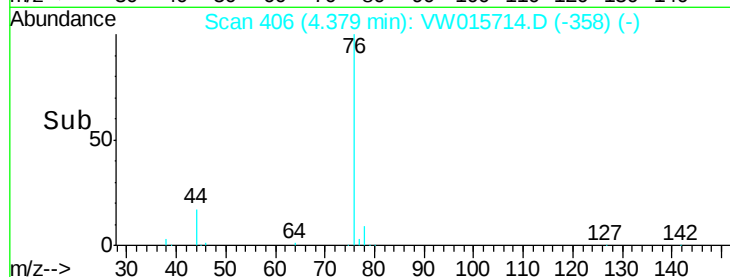
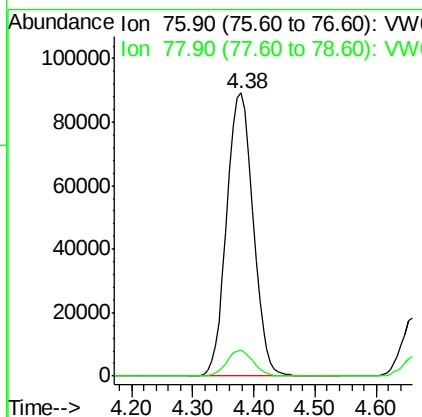
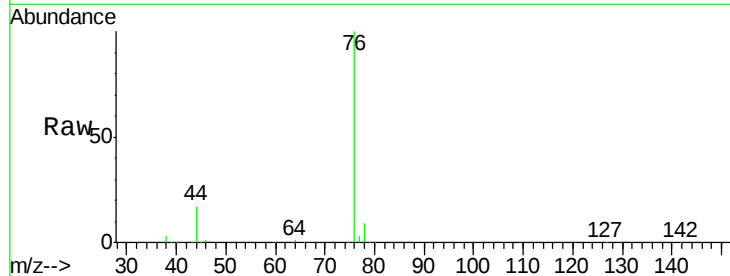
#17
Carbon Disulfide
Concen: 49.667 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

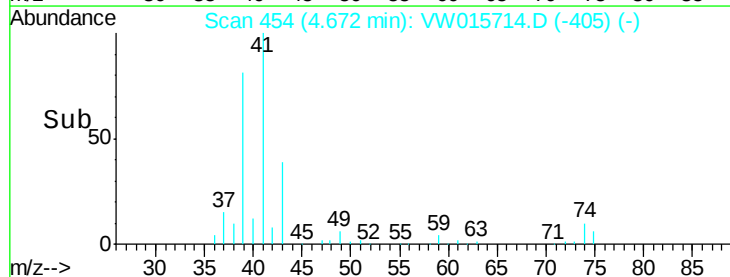
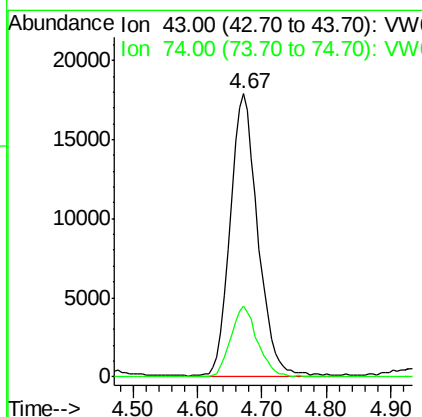
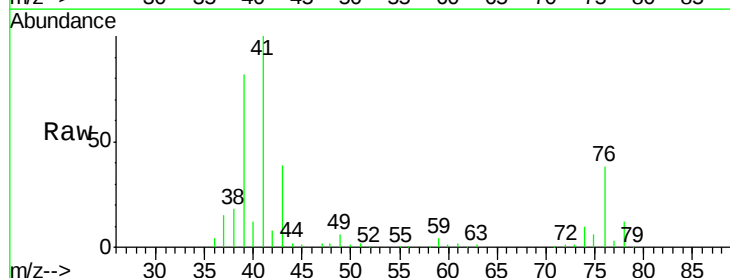
Manual Integrations
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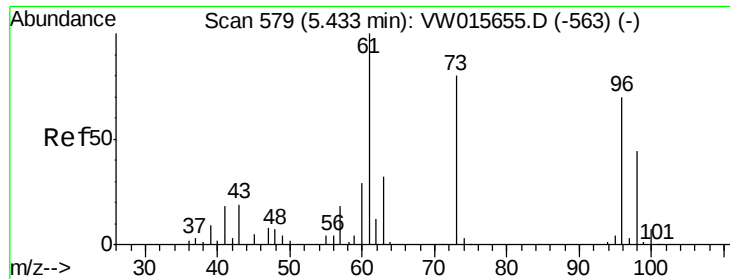
MMDadoda
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#18
Methyl Acetate
Concen: 65.282 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.0	28.6





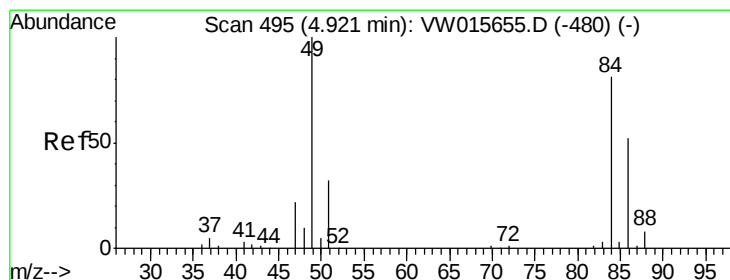
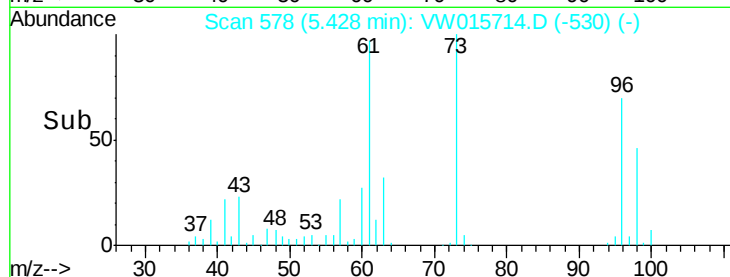
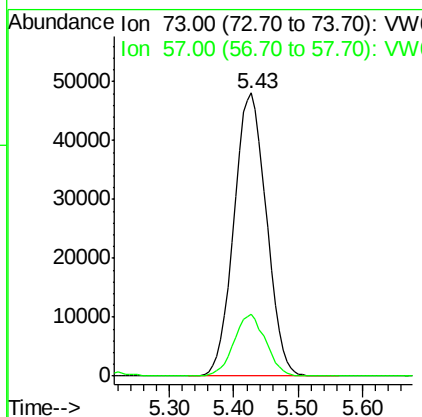
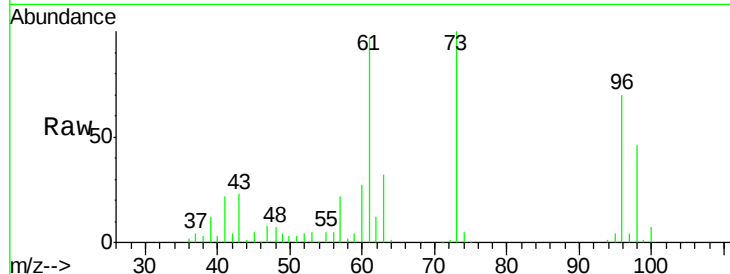
#19
Methvl tert-butvl Ether
Concen: 59.825 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 168123
Ion Ratio Lower Upper
73 100
57 22.0 18.1 27.1

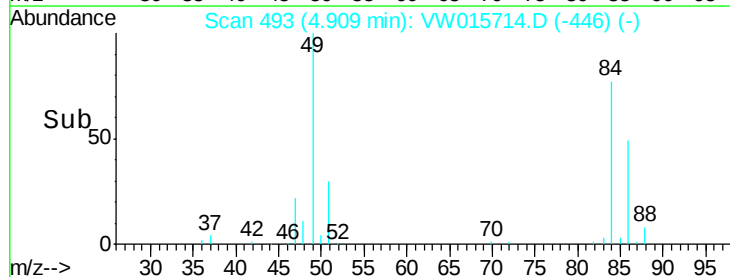
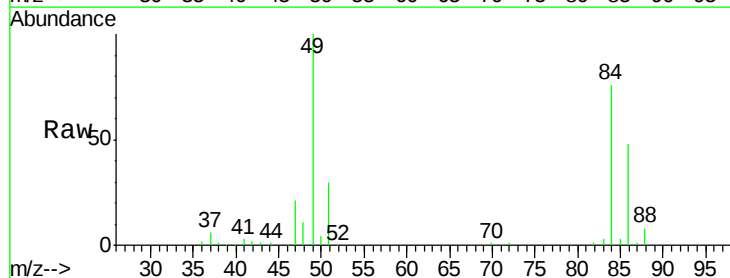
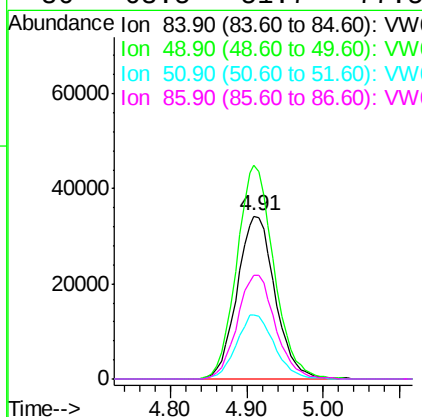
Manual Integrations
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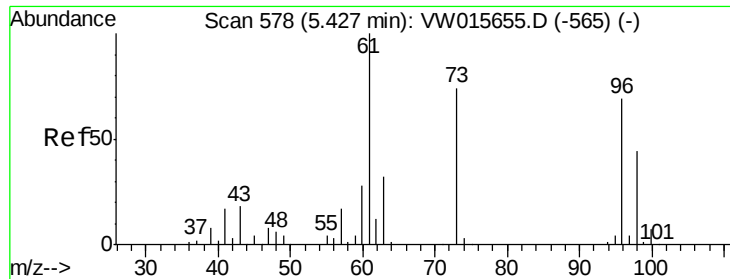
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#20
Methylene Chloride
Concen: 60.562 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion: 84 Resp: 117576
Ion Ratio Lower Upper
84 100
49 131.0 99.3 148.9
51 39.5 31.8 47.6
86 63.5 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 52.127 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 111597

Ion Ratio Lower Upper

96 100

61 140.6 116.2 174.2

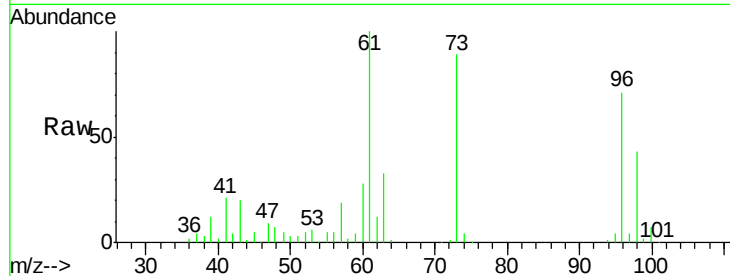
98 60.6 51.4 77.0

Manual Integrations

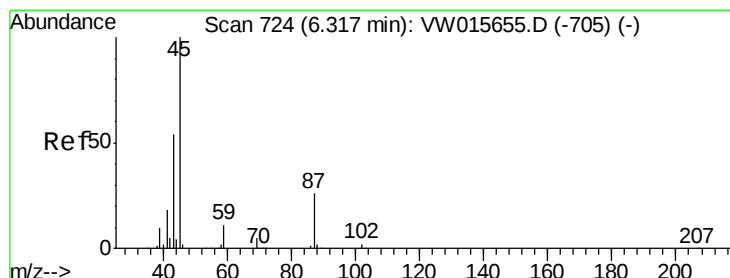
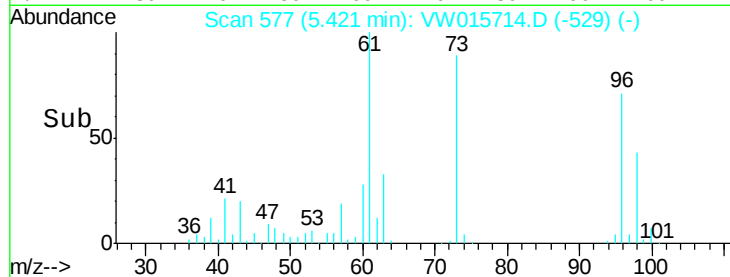
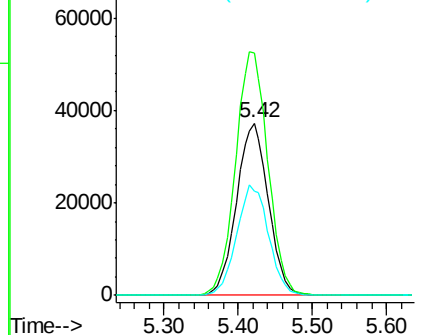
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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 57.614 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Tgt Ion: 45 Resp: 347141

Ion Ratio Lower Upper

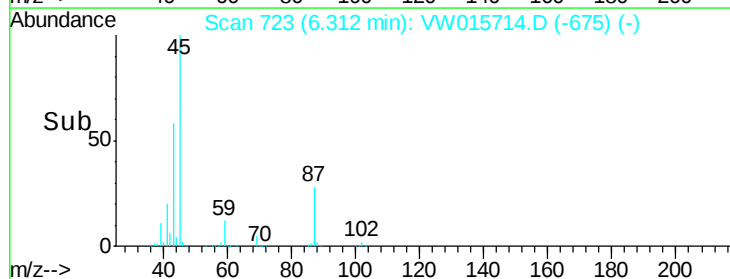
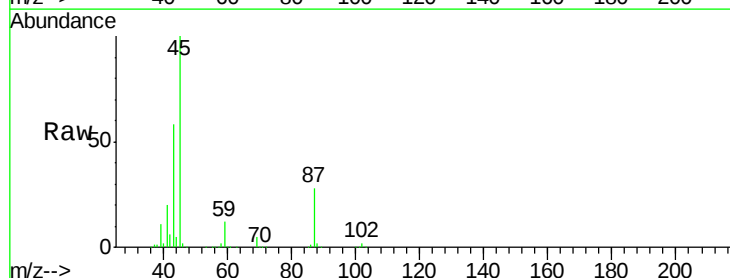
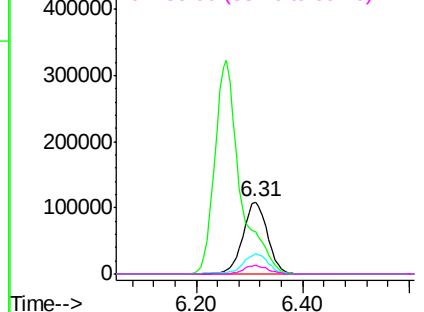
45 100

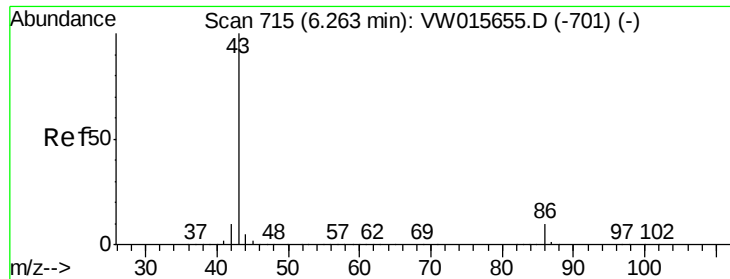
43 58.2 43.9 65.9

87 27.8 21.2 31.8

59 12.3 9.2 13.8

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





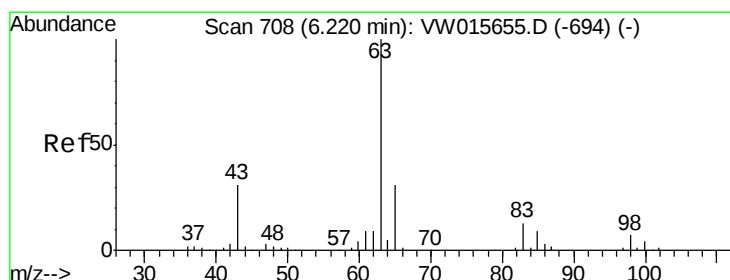
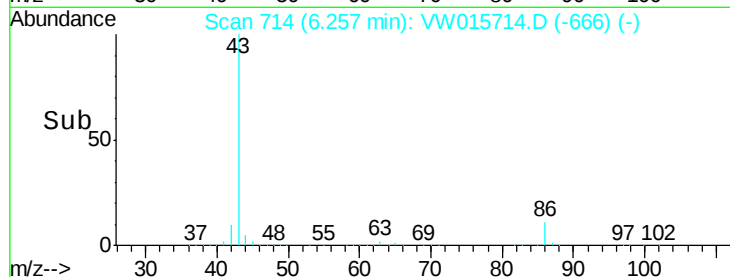
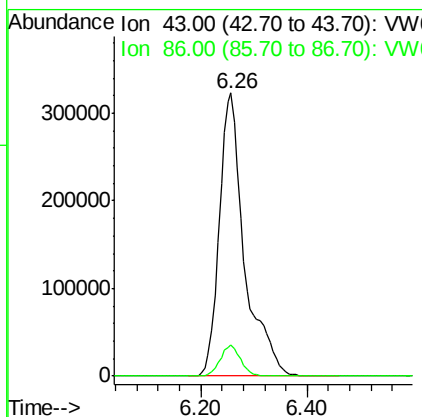
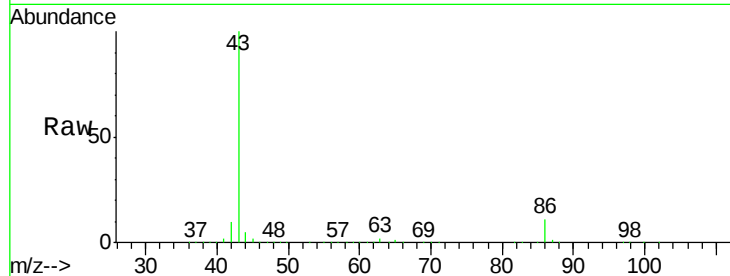
#23
 Vinyl Acetate
 Concen: 302.763 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1063824
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.3 12.5

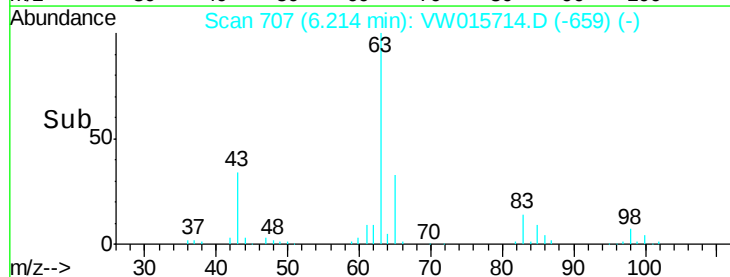
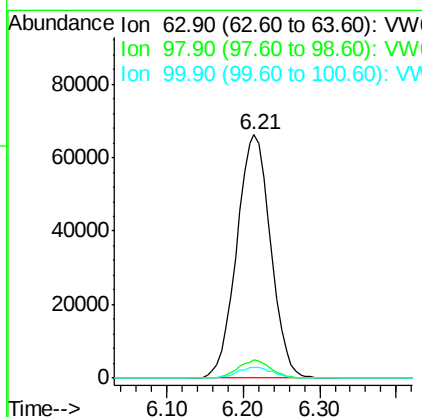
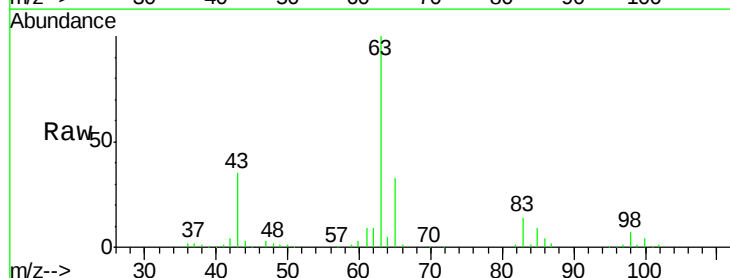
Manual Integrations
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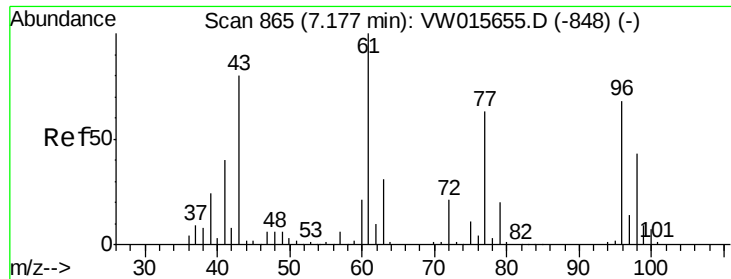
MMDadoda
 6/25/2020 4:18:20 PM



#24
 1,1-Dichloroethane
 Concen: 53.578 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion: 63 Resp: 203211
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.4 2.1 6.3





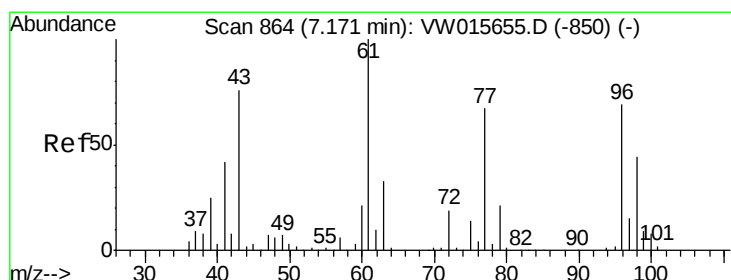
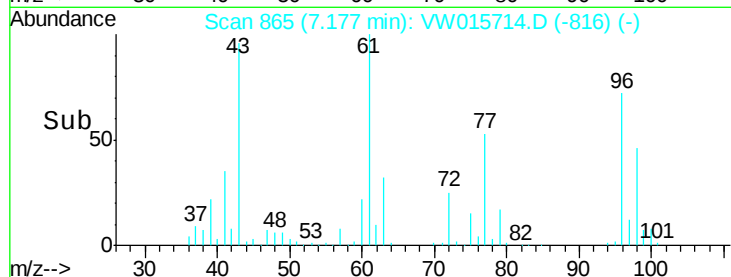
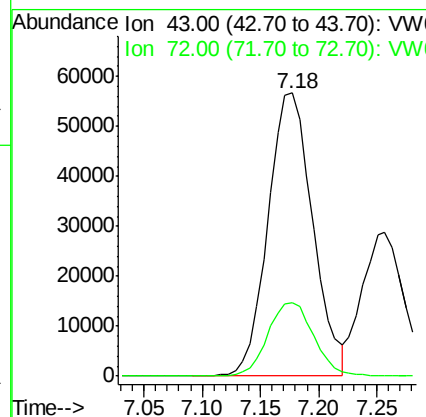
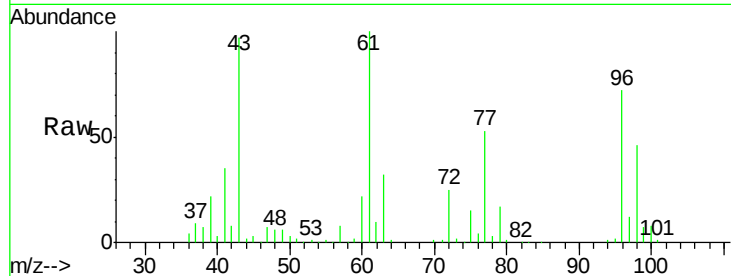
#25
2-Butanone
Concen: 275.036 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 150508
Ion Ratio Lower Upper
43 100
72 25.8 21.1 31.7

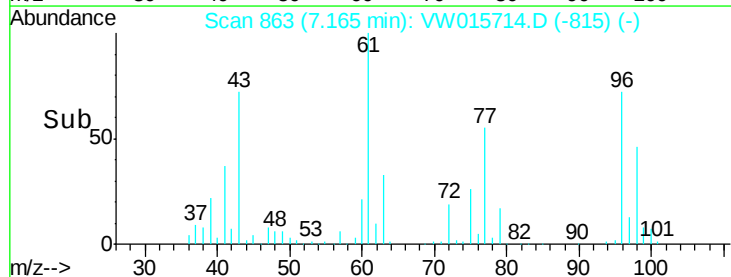
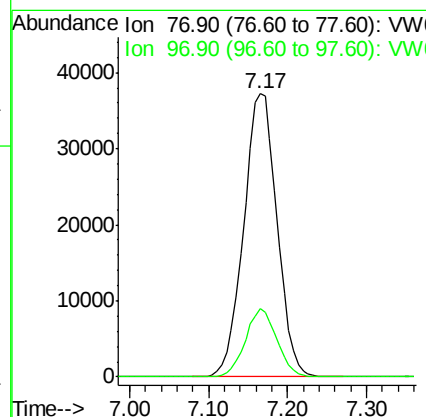
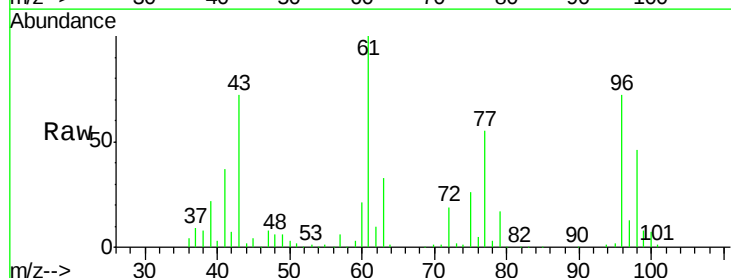
Manual Integrations
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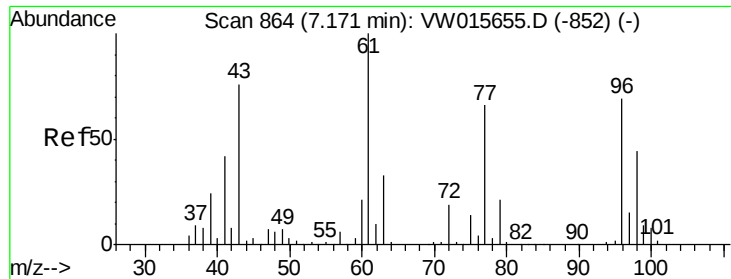
MMDadoda
6/25/2020 4:18:20 PM



#26
2,2-Dichloropropane
Concen: 42.963 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion: 77 Resp: 109293
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5





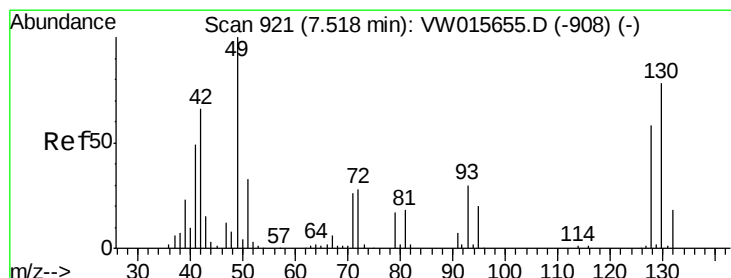
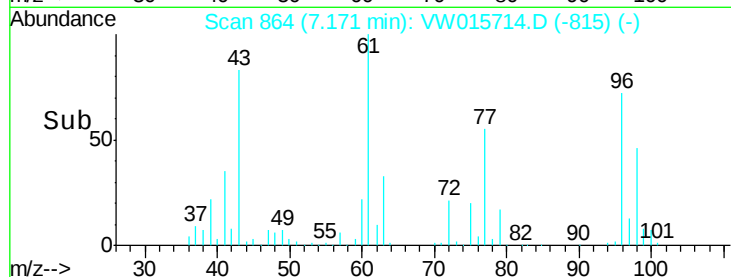
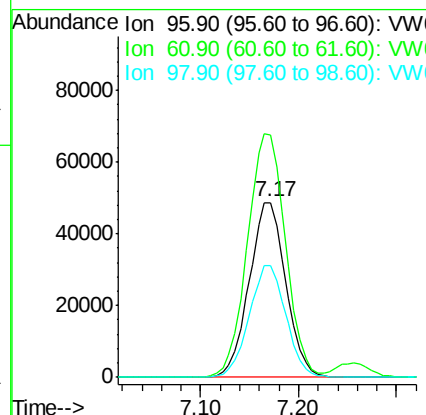
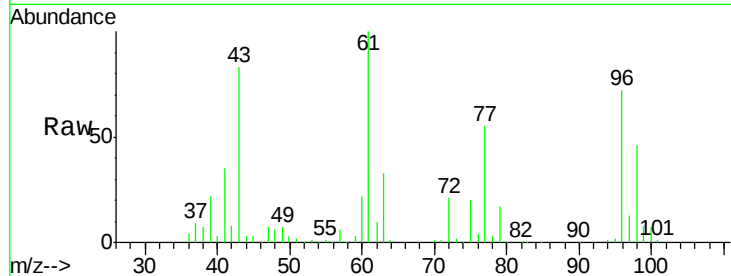
#27
 cis-1,2-Dichloroethene
 Concen: 55.383 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	127549		
61	144.2	0.0	296.8	
98	63.9	0.0	128.0	

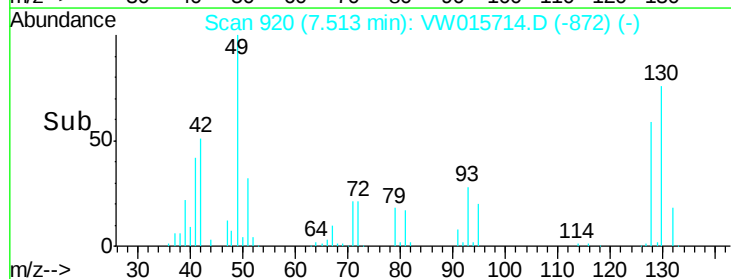
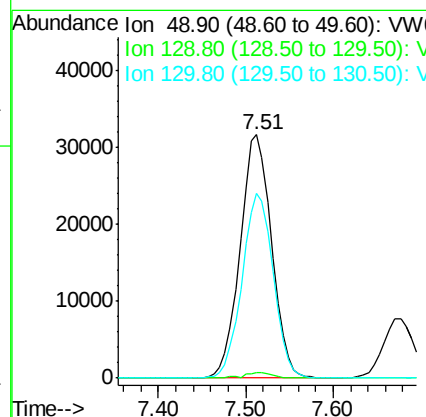
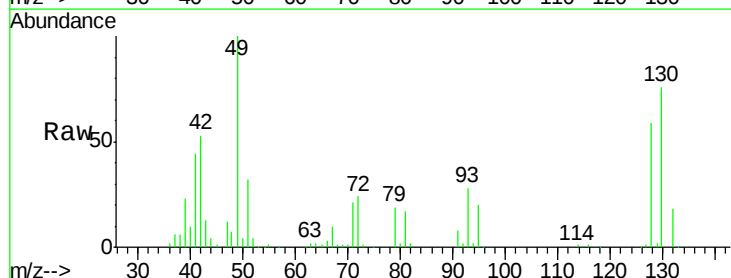
Manual Integrations
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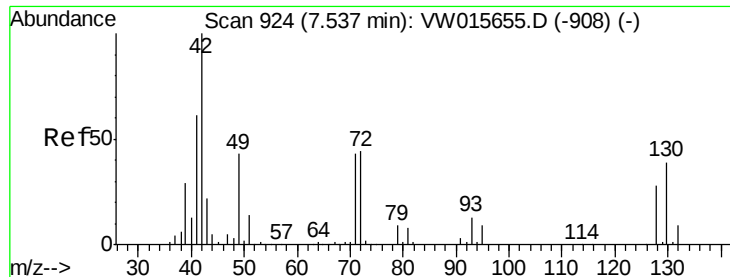
MMDadoda
 6/25/2020 4:18:20 PM



#28
 Bromochloromethane
 Concen: 54.322 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79252		
129	2.0	0.0	2.2	
130	75.2	61.0	91.4	





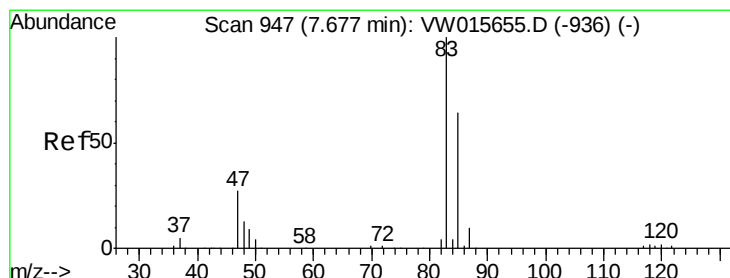
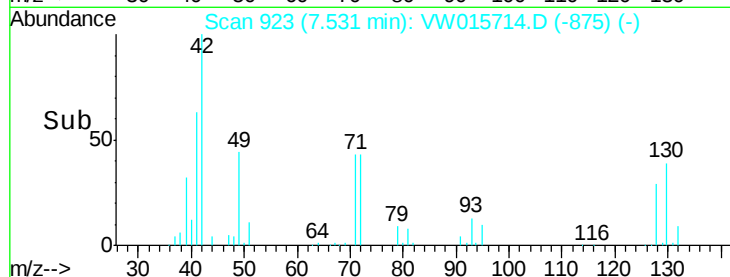
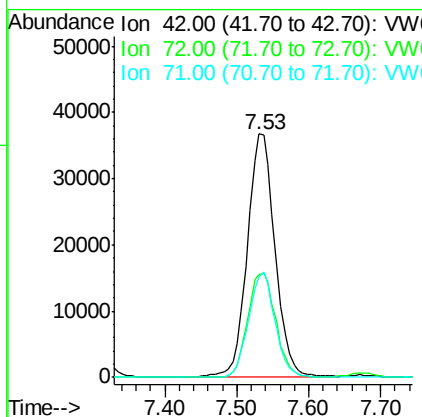
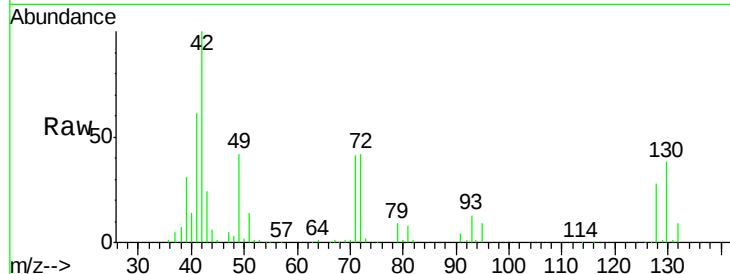
#29
Tetrahydrofuran
Concen: 306.122 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	35.0	52.6
71	41.1	32.6	49.0

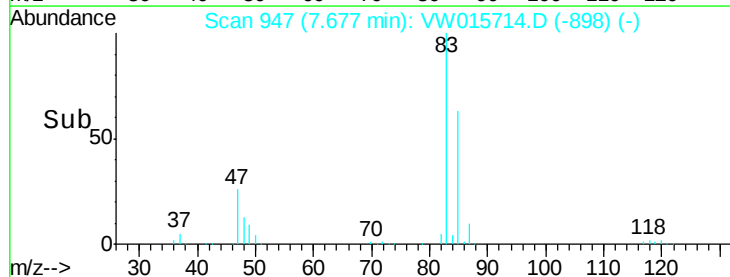
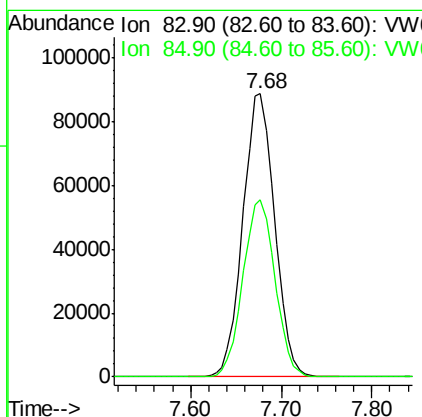
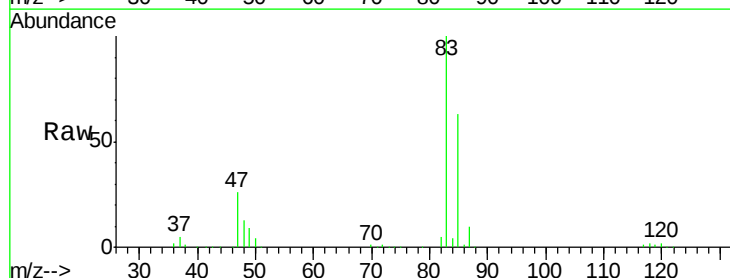
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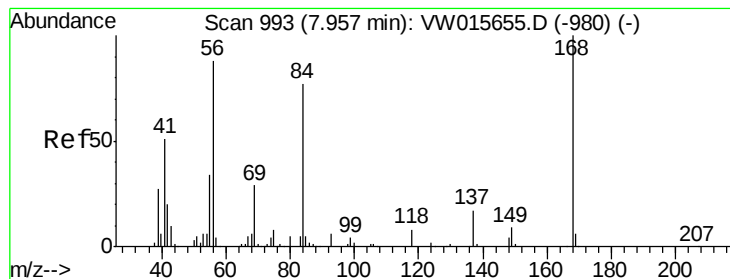
MMDadoda
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#30
Chloroform
Concen: 55.327 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.0	76.4





#31

Cyclohexane

Concen: 46.631 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

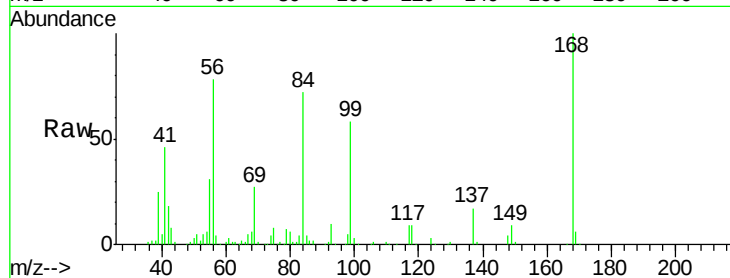
ClientSampleID :

VSTDCCC050EC

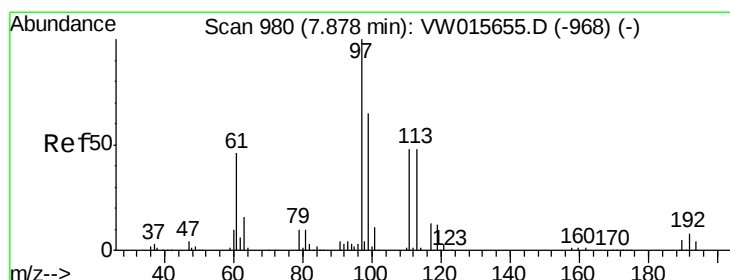
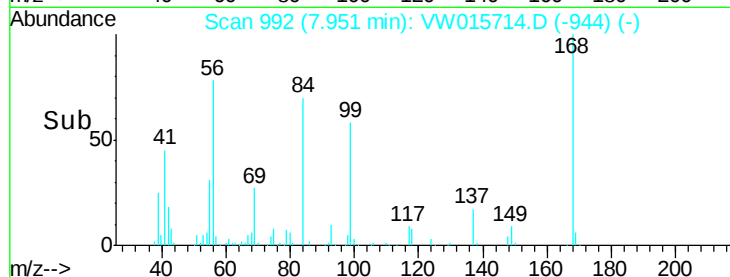
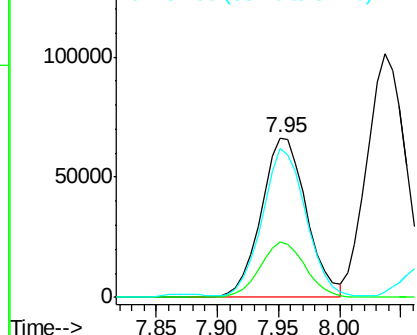
Tot Ion:	56	Resp:	171082
Ion Ratio	Lower	Upper	
56	100		
69	35.0	26.2	39.4
84	91.7	70.4	105.6

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 52.208 ug/l

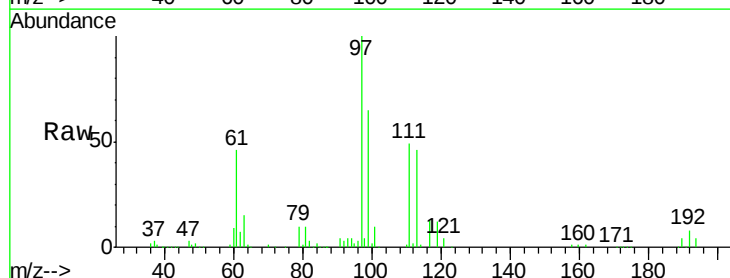
RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

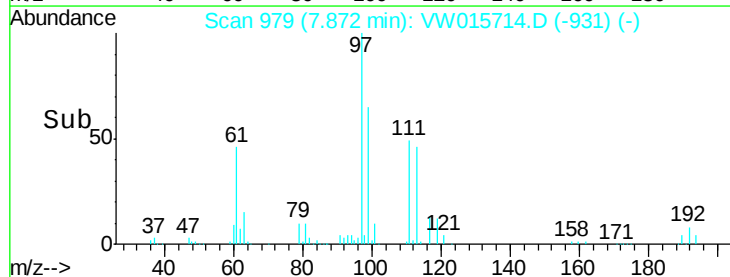
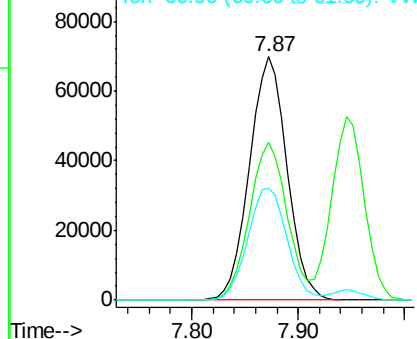
Lab File: VW015714.D

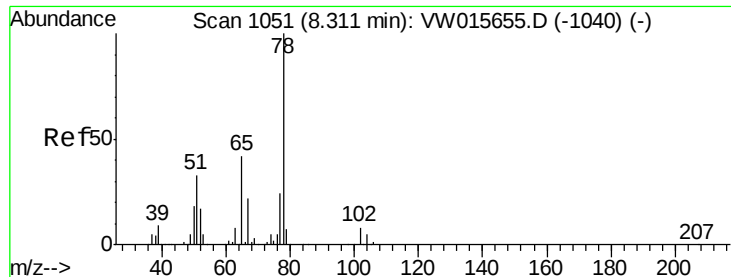
Acq: 25 Jun 2020 05:52

Tgt Ion:	97	Resp:	173106
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.9	77.9
61	48.1	37.3	55.9



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





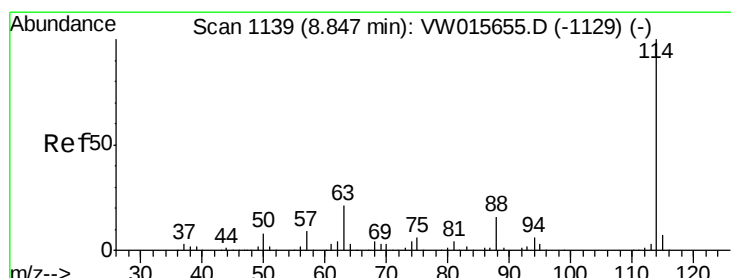
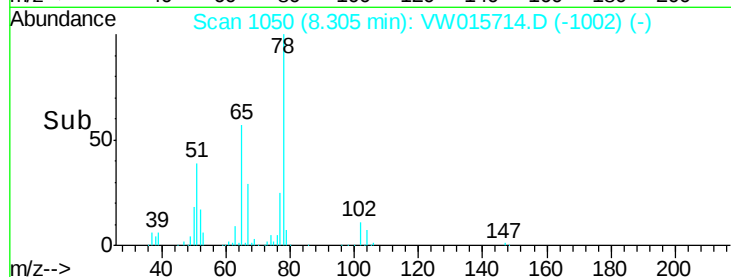
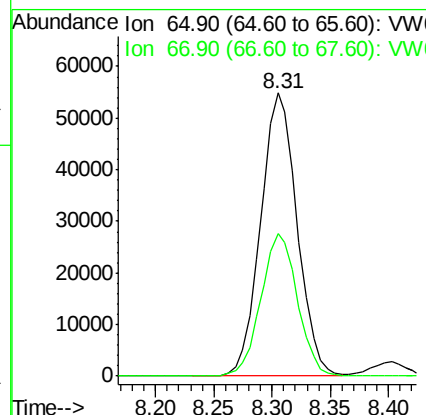
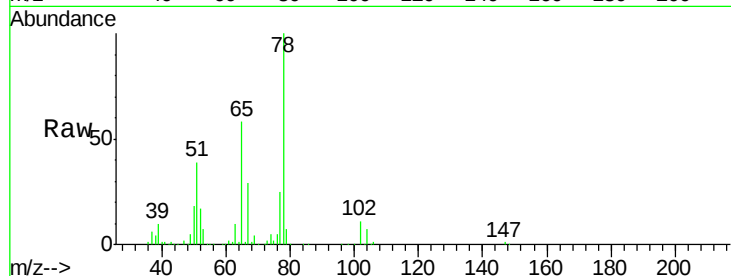
#33
 1,2-Dichloroethane-d4
 Concen: 56.138 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119566		
67	50.4	0.0	102.2	

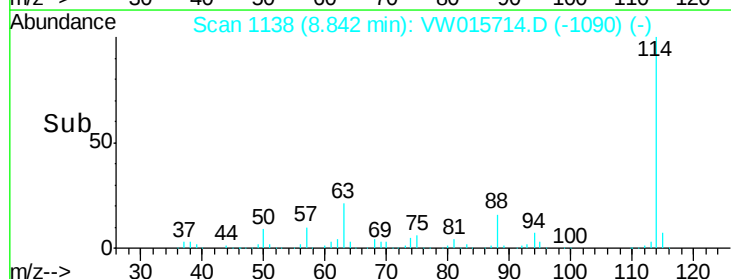
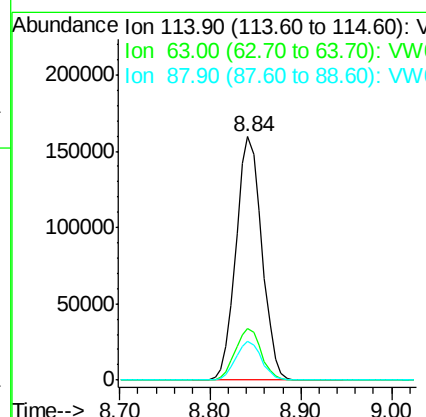
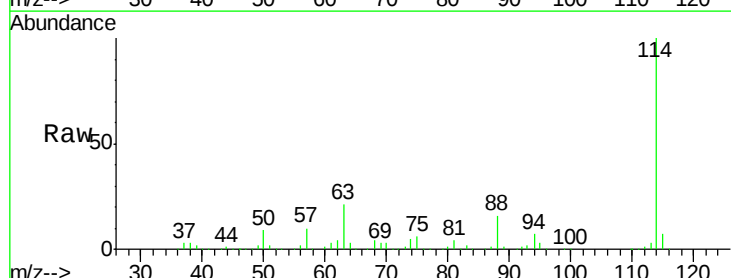
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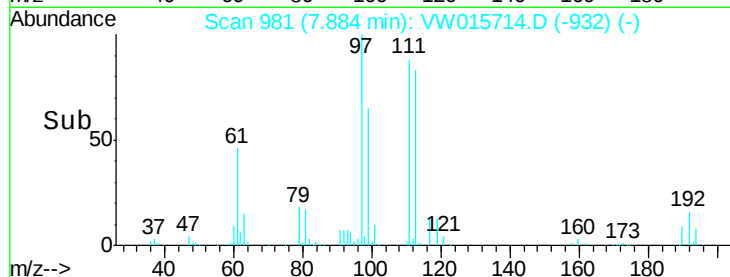
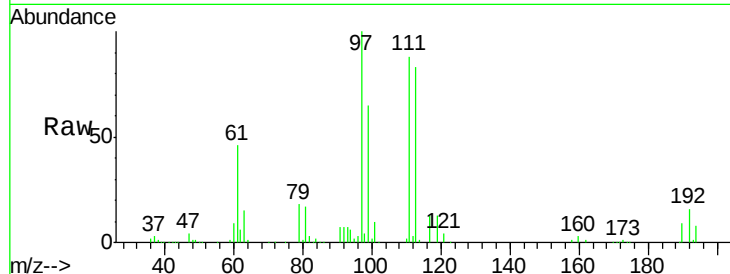
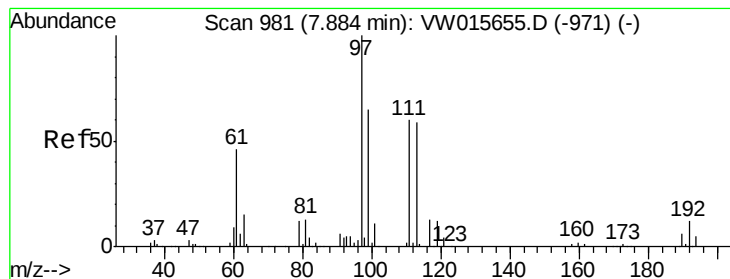
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	315528		
63	21.4	0.0	42.4	
88	16.0	0.0	32.6	





#35

Dibromofluoromethane

Concen: 52.392 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015714.D

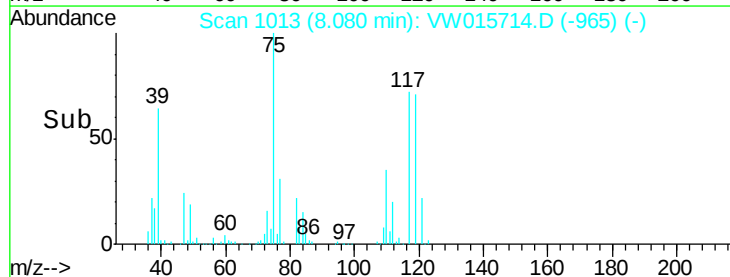
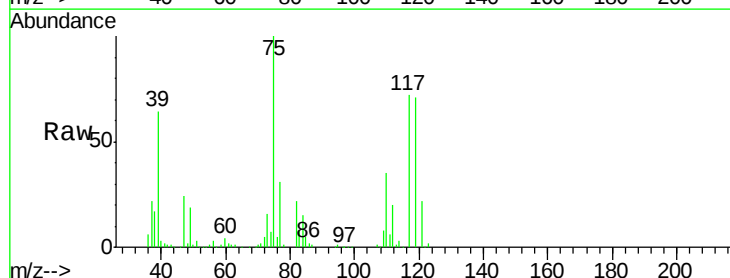
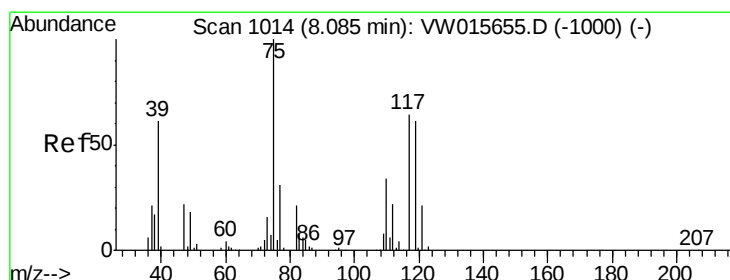
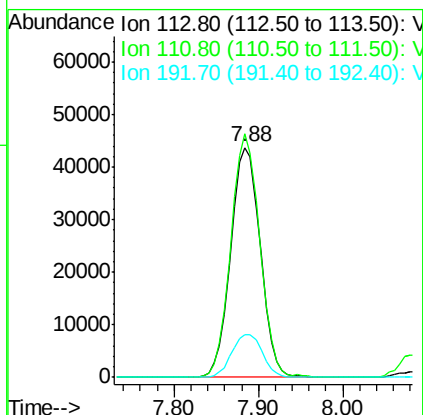
Acq: 25 Jun 2020 05:52

Tot Ion	Ratio	Resp	Lower	Upper
113	100	103986		
111	103.4	82.3	123.5	
192	19.3	16.4	24.6	

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.394 ug/l

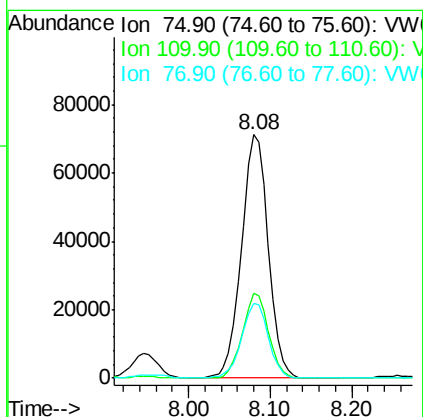
RT: 8.08 min Scan# 1013

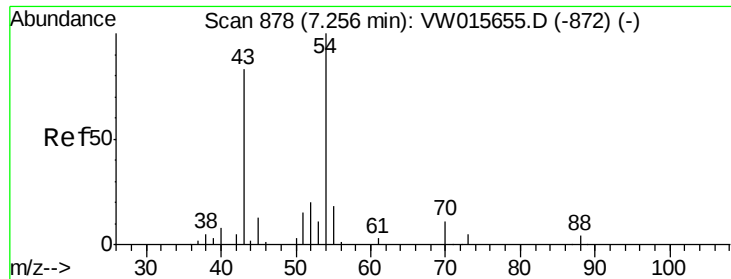
Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	162101		
110	33.9	17.0	51.0	
77	31.0	24.6	36.8	





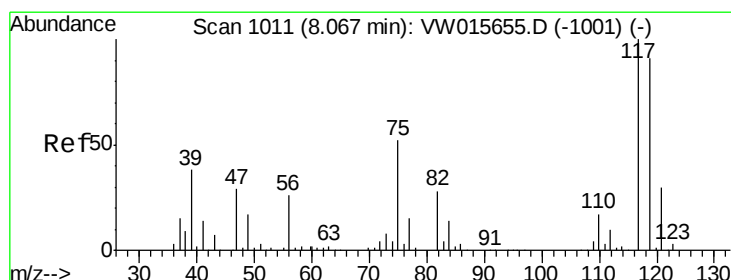
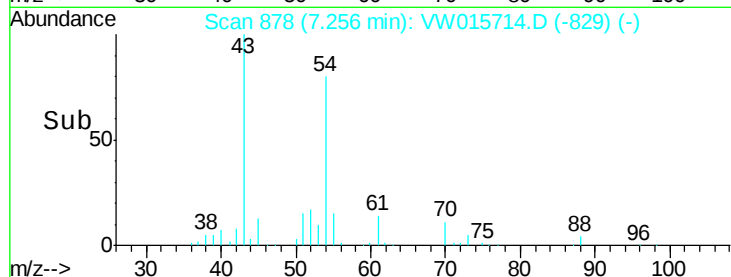
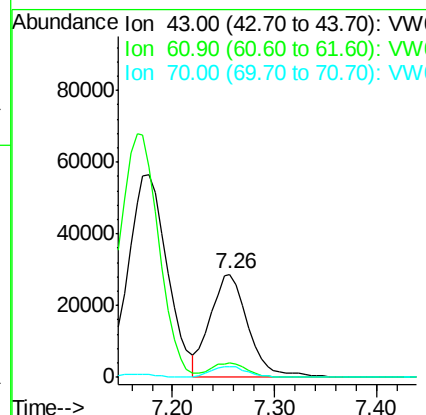
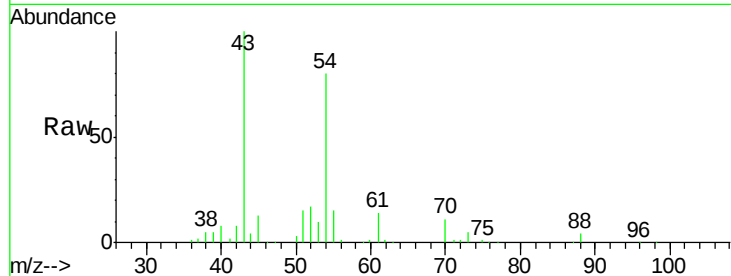
#37
Ethyl Acetate
Concen: 58.560 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.4	15.6
70	10.5	8.4	12.6

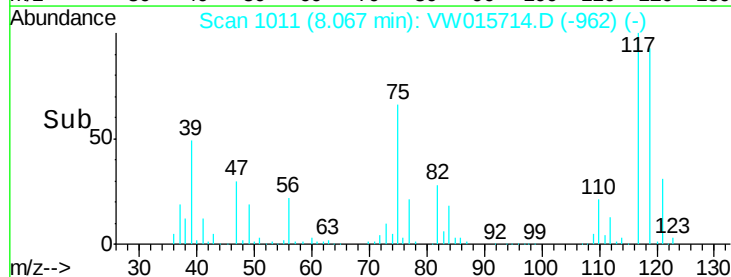
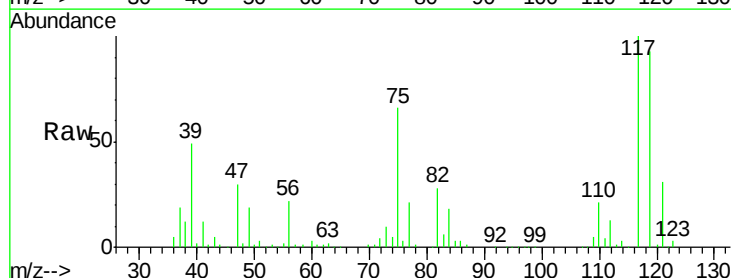
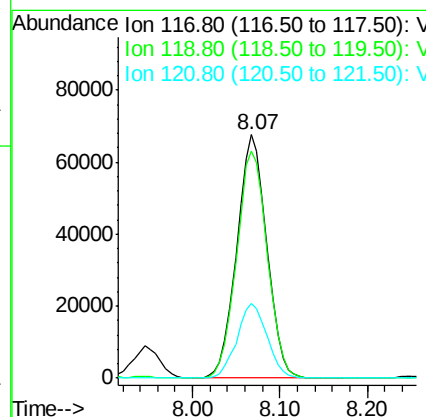
Manual Integrations
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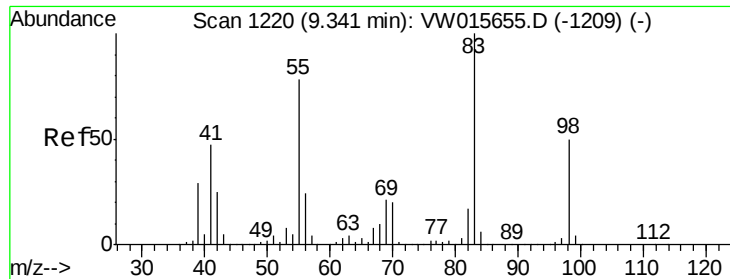
MMDadoda
6/25/2020 4:18:20 PM



#38
Carbon Tetrachloride
Concen: 50.514 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	73.2	109.8
121	30.7	23.9	35.9





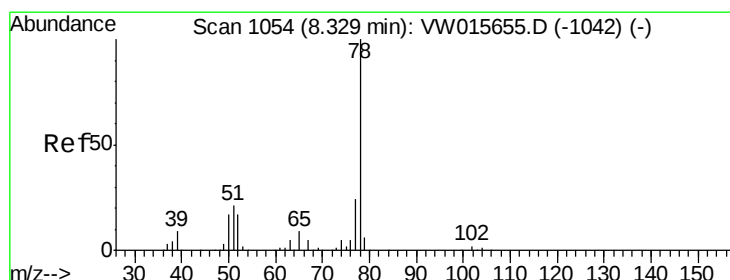
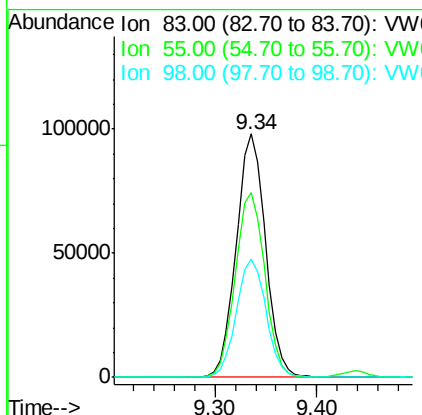
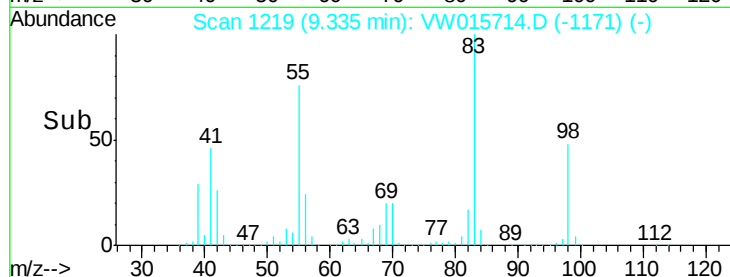
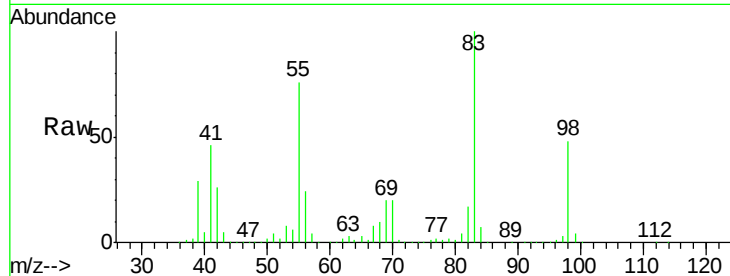
#39
Methvlcvclohexane
Concen: 48.970 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	194654		
55	75.9	62.8	94.2	
98	48.3	39.9	59.9	

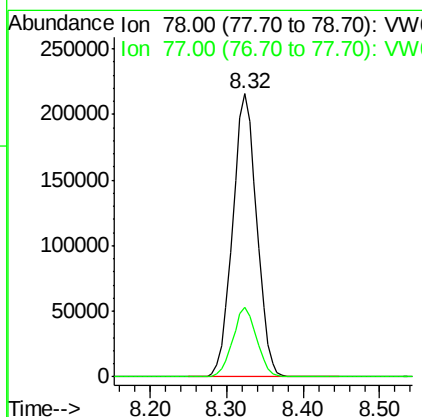
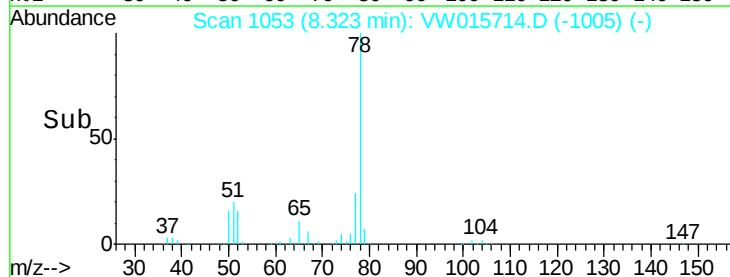
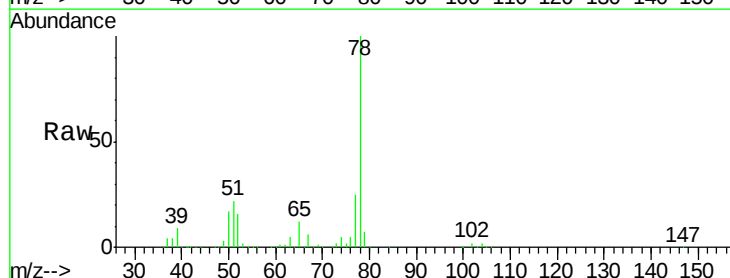
Manual Integrations
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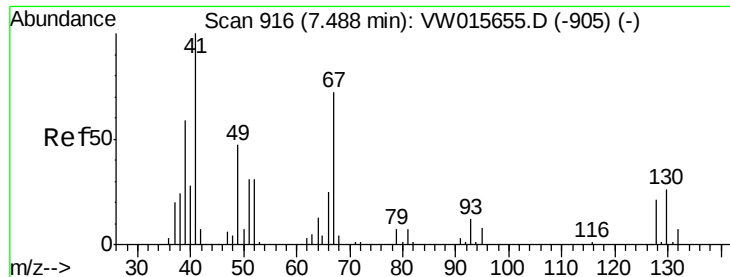
MMDadoda
6/25/2020 4:18:20 PM



#40
Benzene
Concen: 52.639 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	469724		
77	24.6	19.3	28.9	





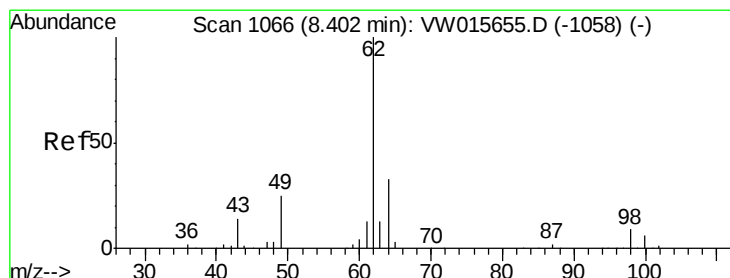
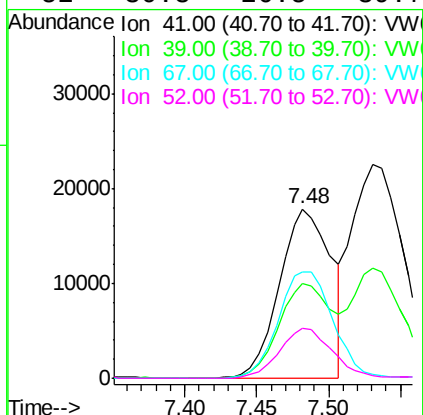
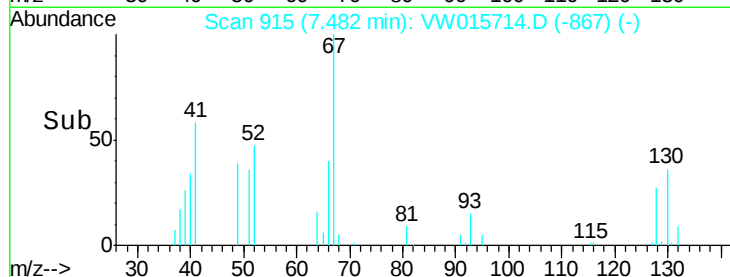
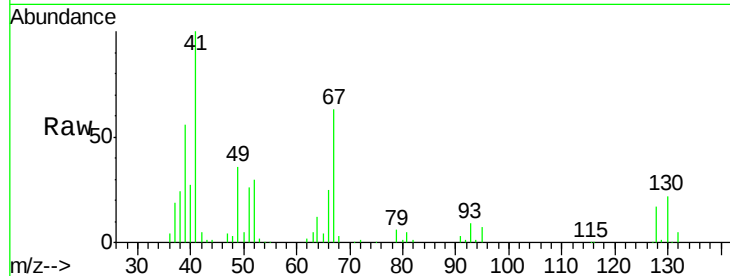
#41
Methacrylonitrile
Concen: 62.028 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	44608
Ion	Ratio	Lower	Upper
41	100		
39	57.0	52.0	78.0
67	67.1	57.5	86.3
52	30.8	26.5	39.7

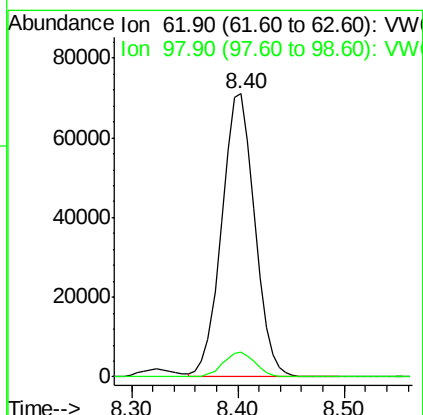
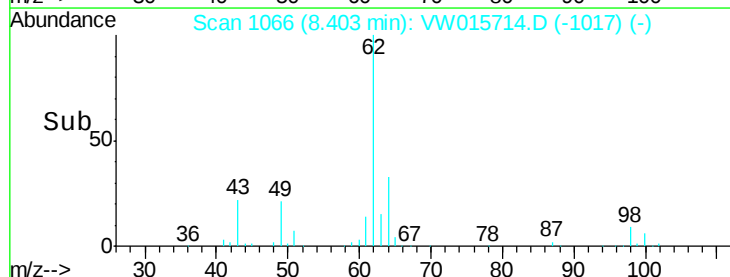
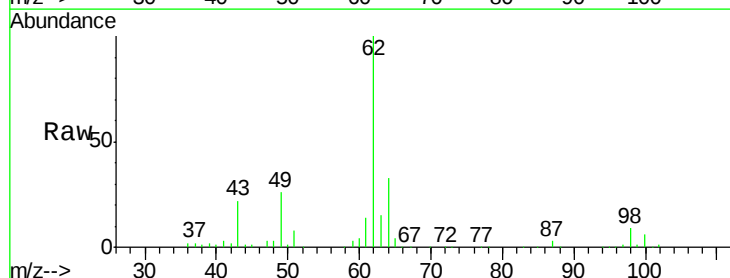
Manual Integrations
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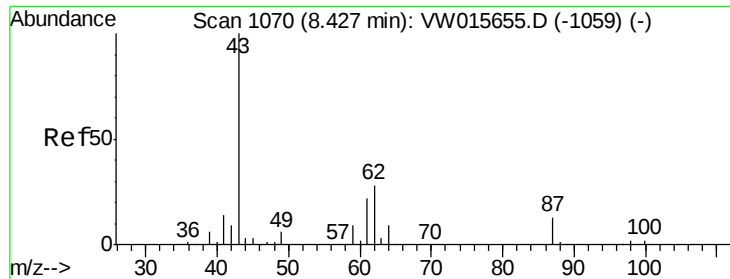
MMDadoda
6/25/2020 4:18:20 PM



#42
1,2-Dichloroethane
Concen: 55.932 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion	62	Resp	154406
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4





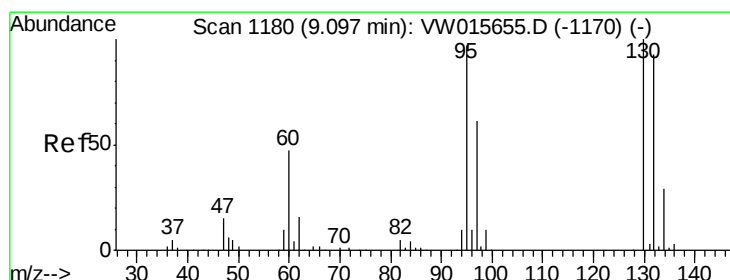
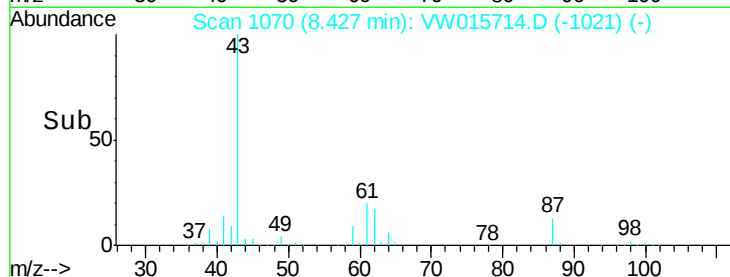
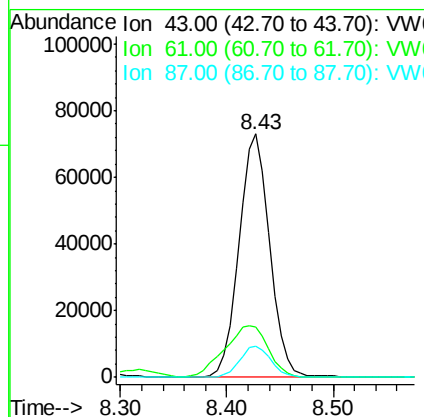
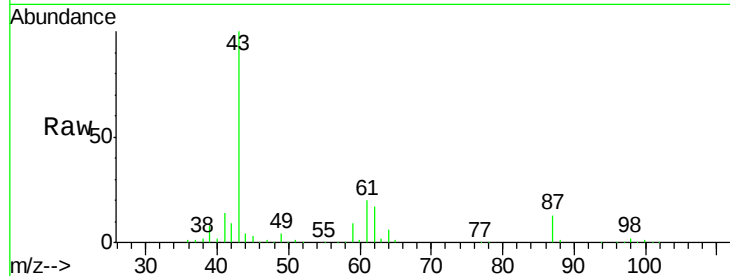
#43
Isopropyl Acetate
Concen: 59.187 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.2	24.7	37.1
87	13.1	10.2	15.2

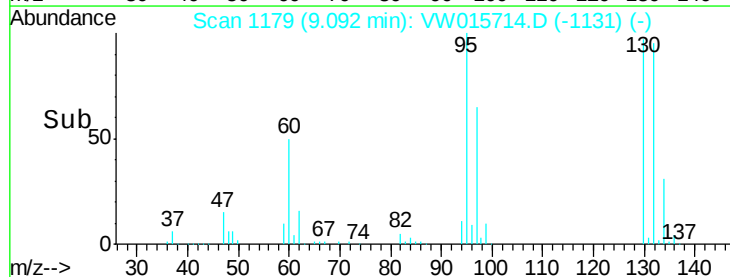
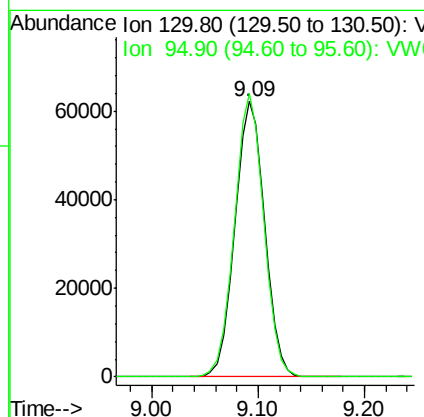
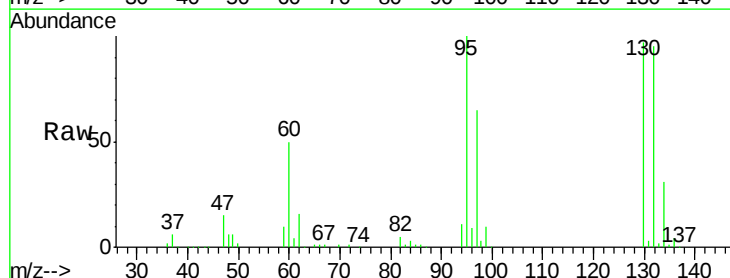
Manual Integrations
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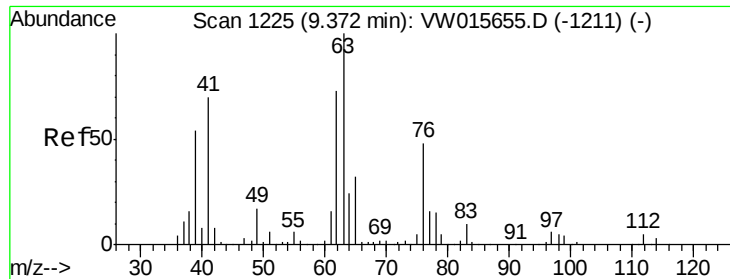
MMDadoda
6/25/2020 4:18:20 PM



#44
Trichloroethene
Concen: 50.679 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	194.4





#45

1,2-Dichloropropane

Concen: 54.142 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 118094

Ion Ratio Lower Upper

63 100

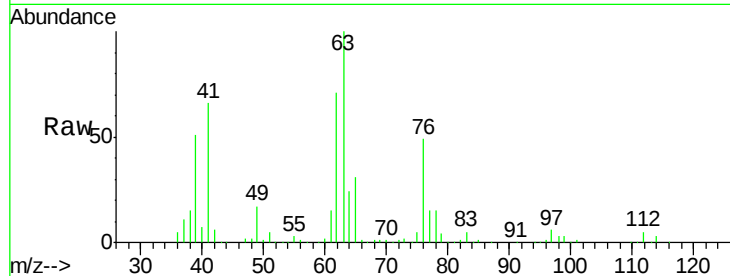
65 31.0 25.3 37.9

Manual Integrations

APPROVED

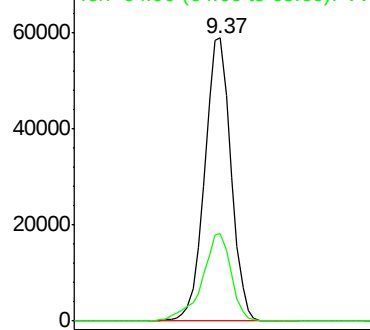
MMDadoda

6/25/2020 4:18:20 PM

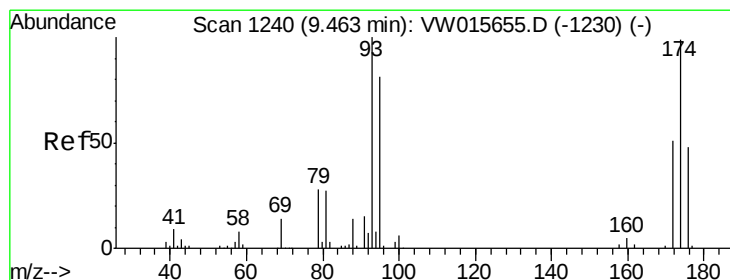
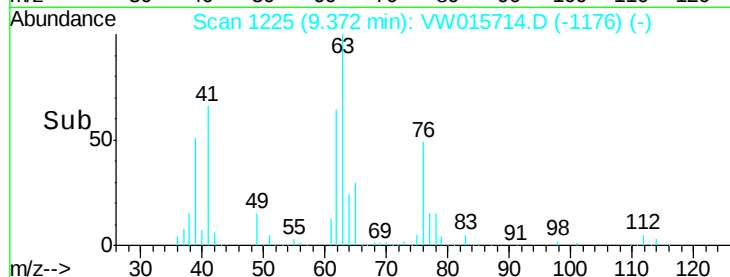


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



Time-->



#46

Dibromomethane

Concen: 57.718 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

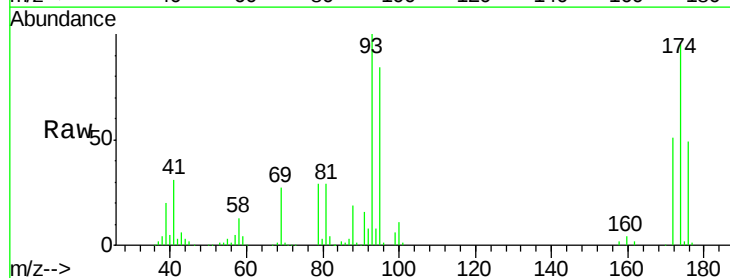
Tgt Ion: 93 Resp: 65136

Ion Ratio Lower Upper

93 100

95 82.4 65.7 98.5

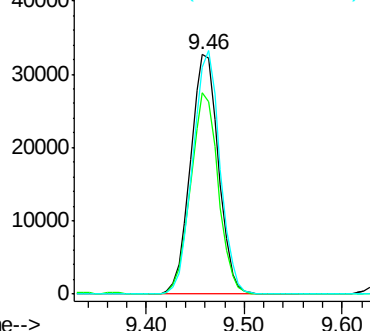
174 98.7 79.0 118.6



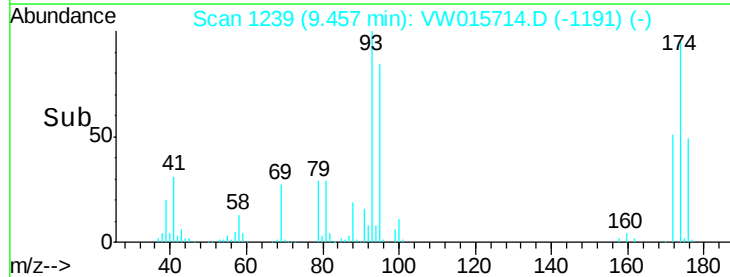
Abundance Ion 92.80 (92.50 to 93.50): VW

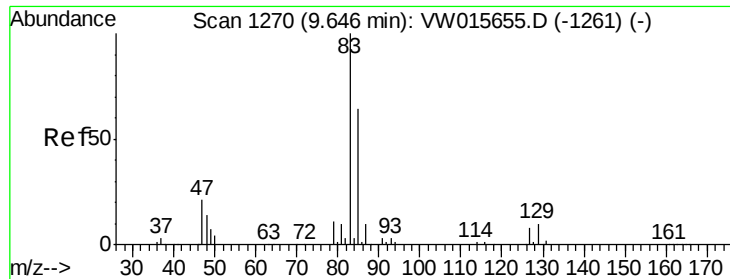
Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V



Time-->





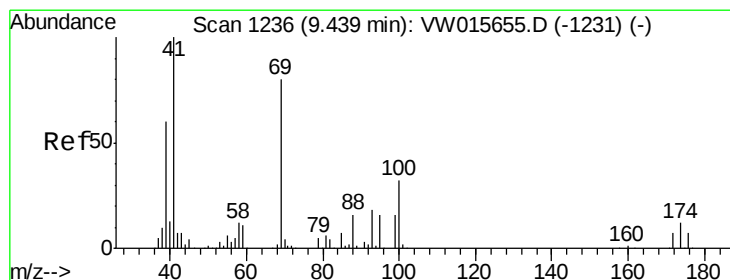
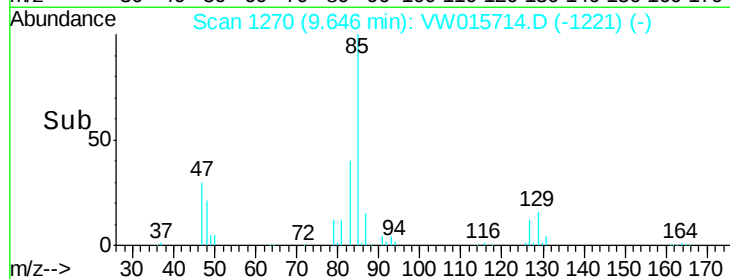
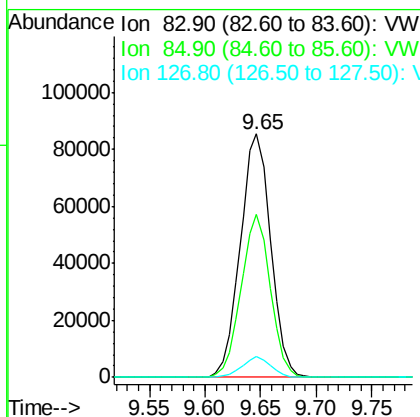
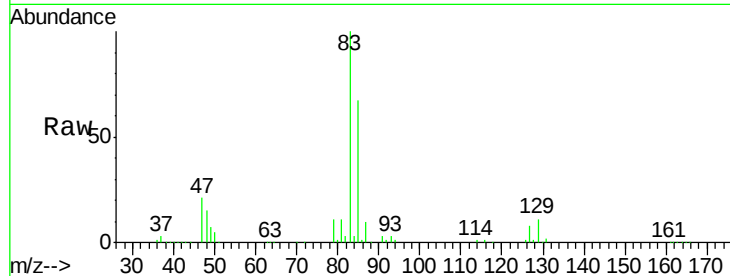
#47
Bromodichloromethane
Concen: 55.070 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	162110
Ion Ratio	100	Lower	Upper
83	100		
85	67.1	50.8	76.2
127	8.4	6.3	9.5

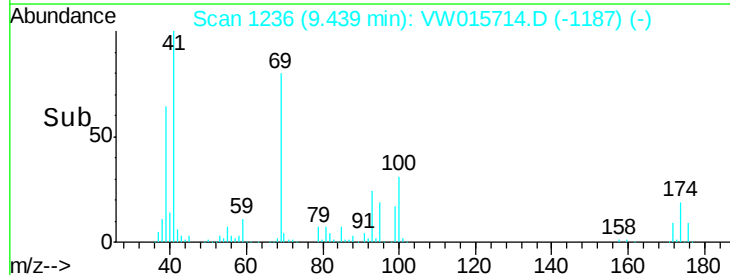
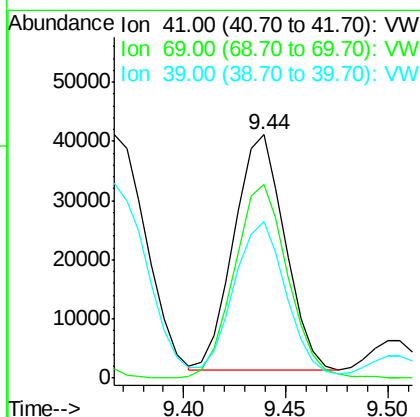
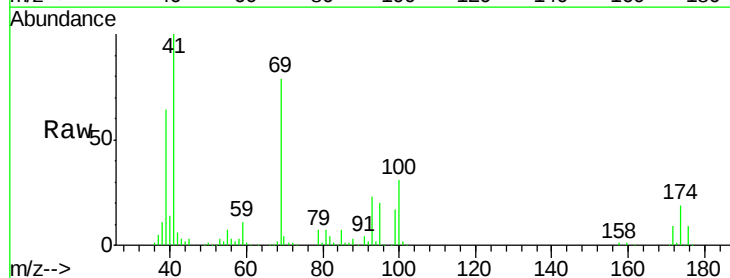
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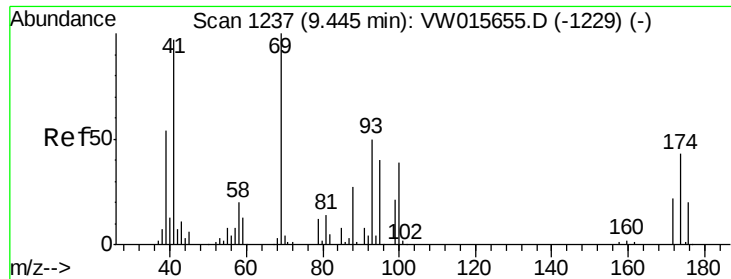
MMDadoda
6/25/2020 4:18:20 PM



#48
Methyl methacrylate
Concen: 60.531 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion	41	Resp	69201
Ion Ratio	100	Lower	Upper
41	100		
69	86.2	68.2	102.2
39	69.4	49.8	74.6





#49

1,4-Dioxane

Concen: 1067.721 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

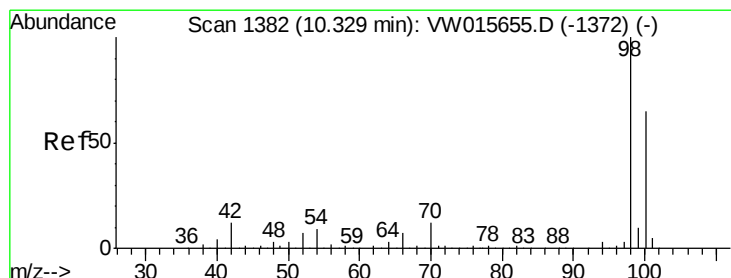
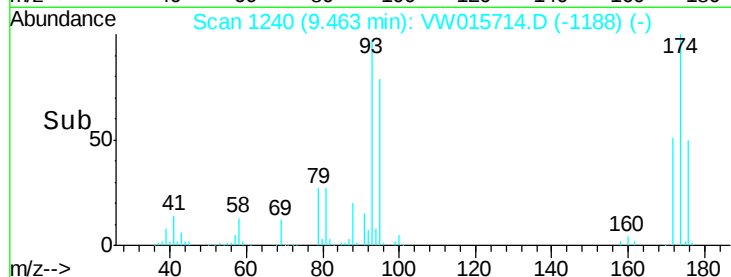
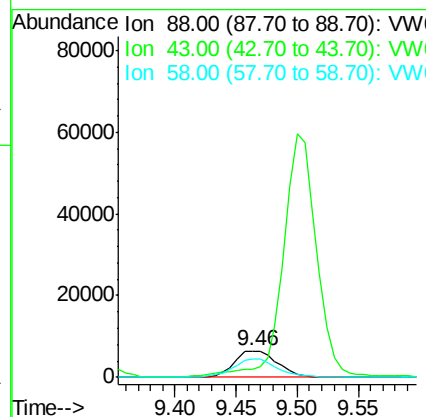
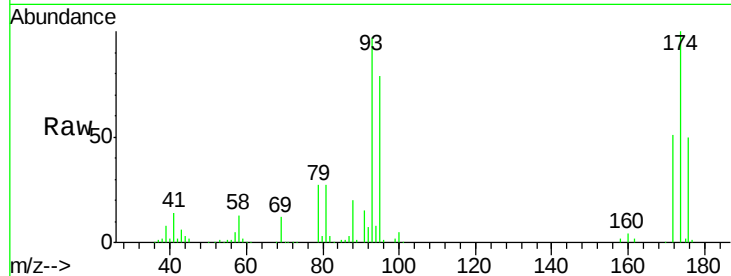
ClientSampleId :

VSTDCCC050EC

Tot Ion	88	Resp	15807
Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.1	45.1#
58	73.6	56.1	84.1

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#50

Toluene-d8

Concen: 53.472 ug/l

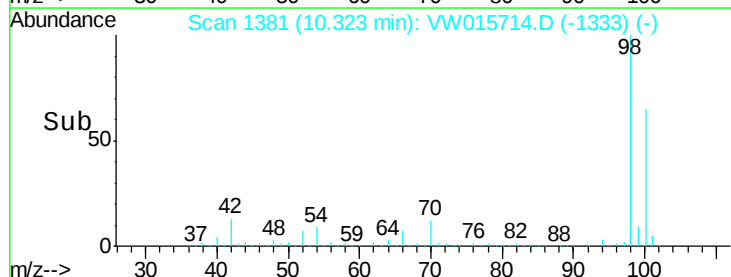
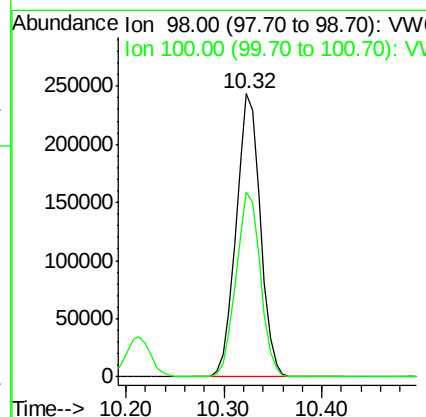
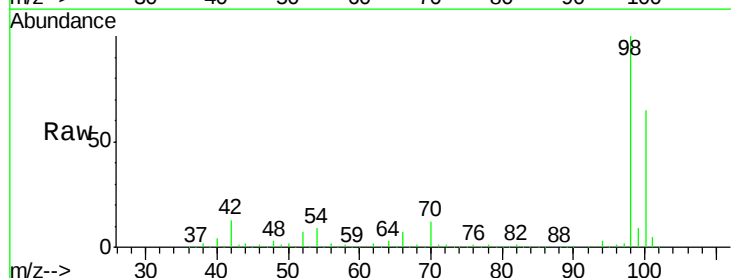
RT: 10.32 min Scan# 1381

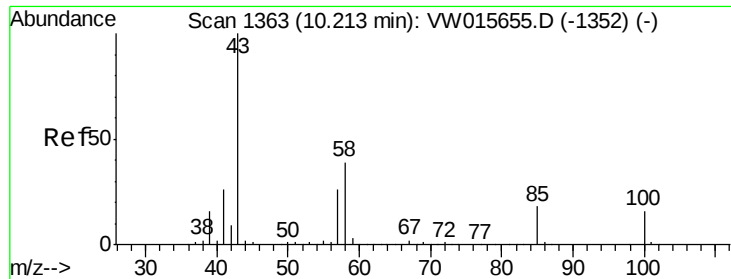
Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Tgt Ion	98	Resp	417660
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 307.187 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 370441

Ion Ratio Lower Upper

43 100

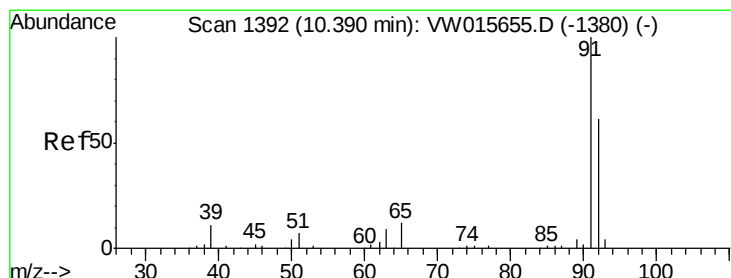
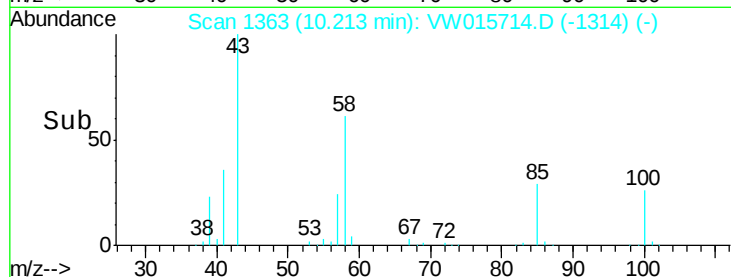
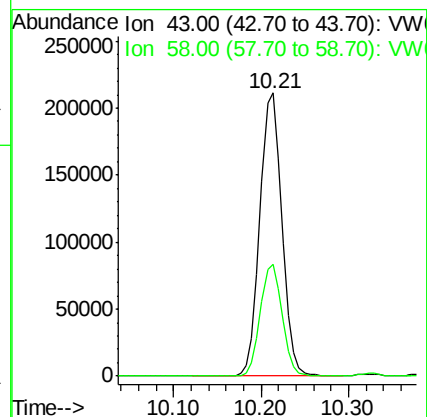
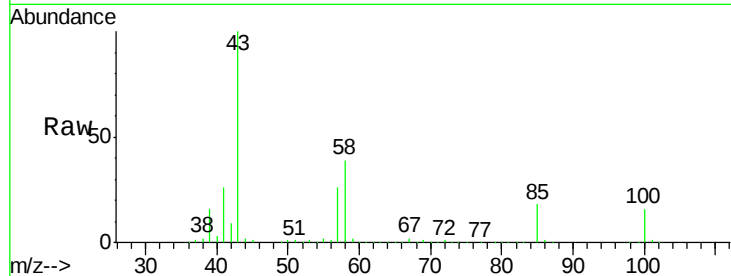
58 39.2 31.2 46.8

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#52

Toluene

Concen: 56.290 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015714.D

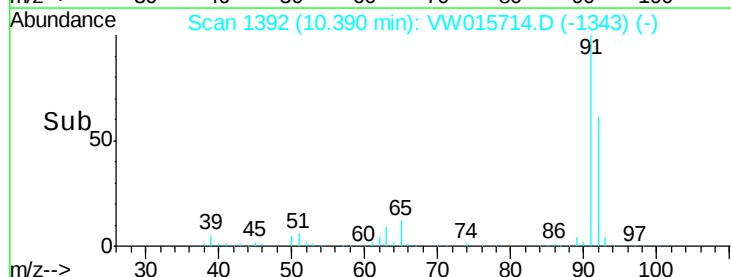
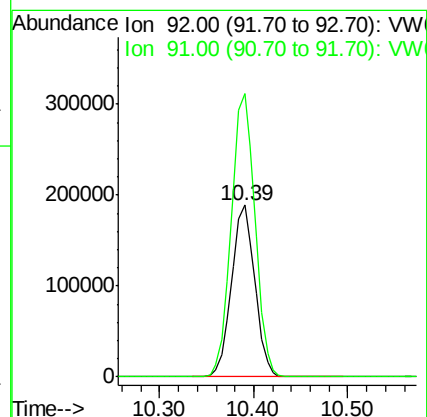
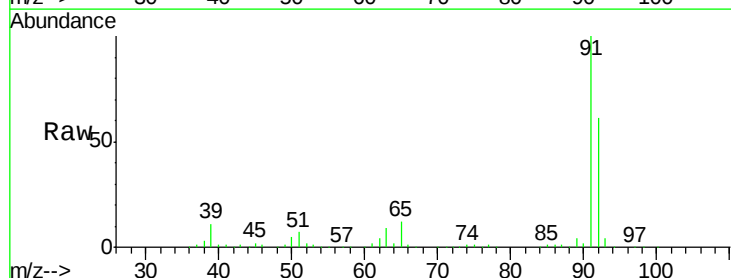
Acq: 25 Jun 2020 05:52

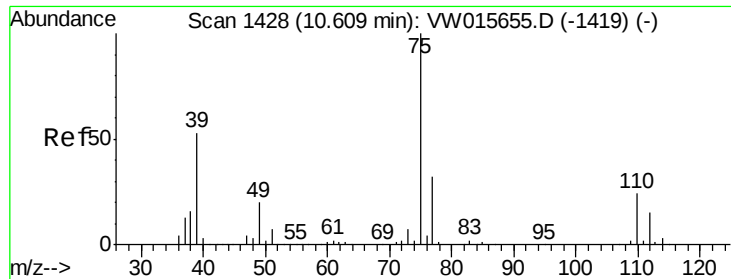
Tgt Ion: 92 Resp: 324341

Ion Ratio Lower Upper

92 100

91 168.5 135.5 203.3





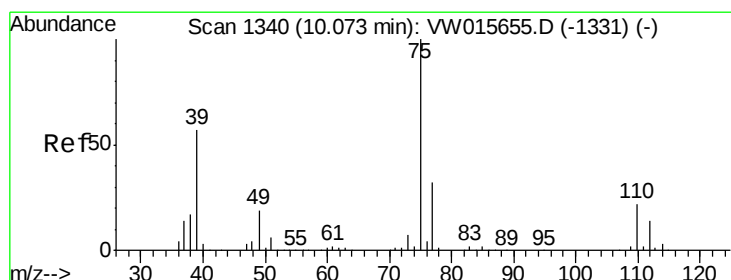
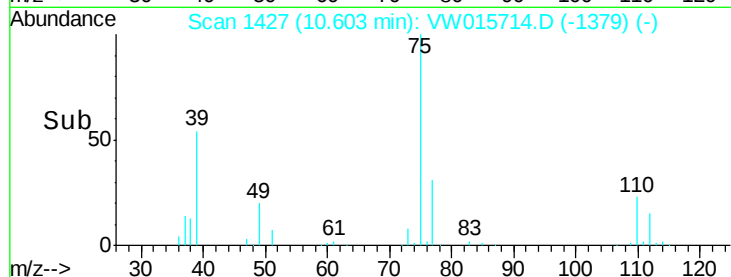
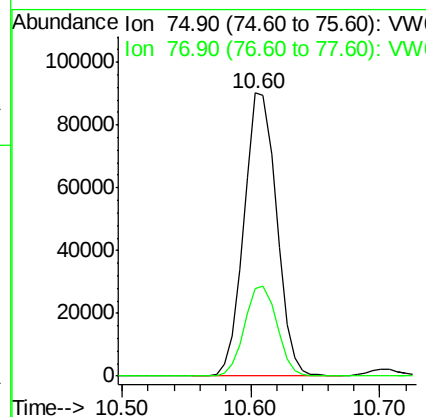
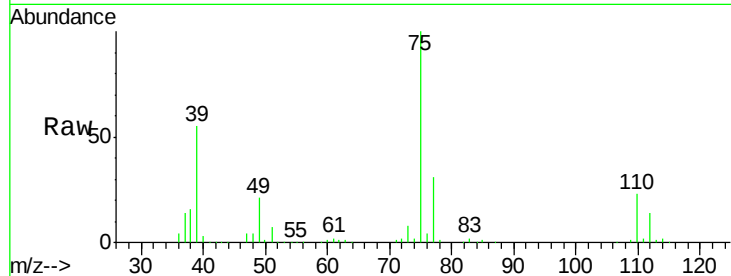
#53
 t-1,3-Dichloropropene
 Concen: 55.689 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 158369
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9

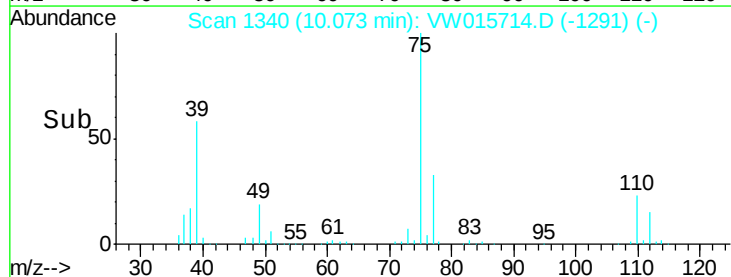
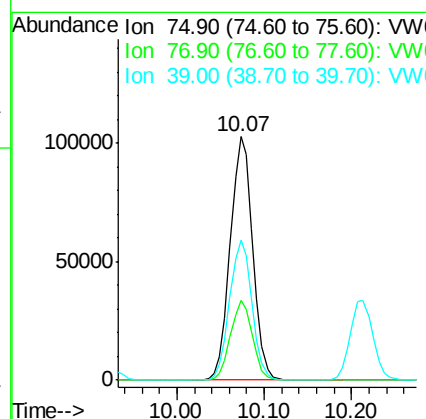
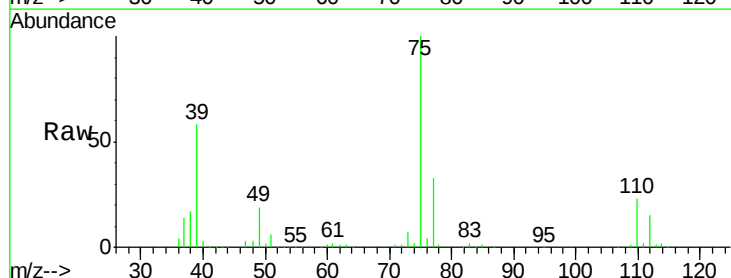
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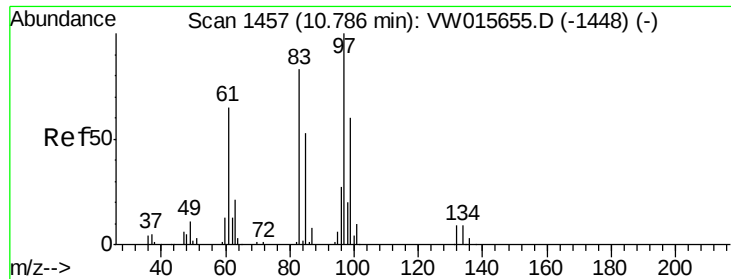
MMDadoda
 6/25/2020 4:18:20 PM



#54
 cis-1,3-Dichloropropene
 Concen: 53.874 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion: 75 Resp: 183026
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.2
 39 57.5 45.8 68.6





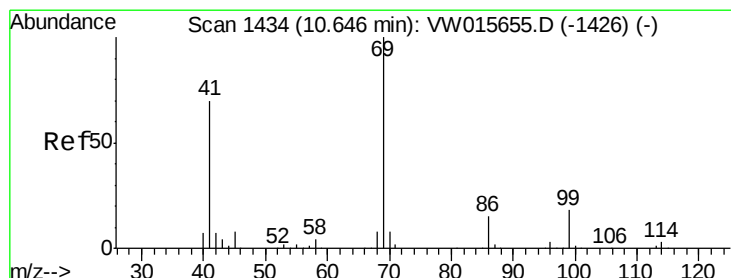
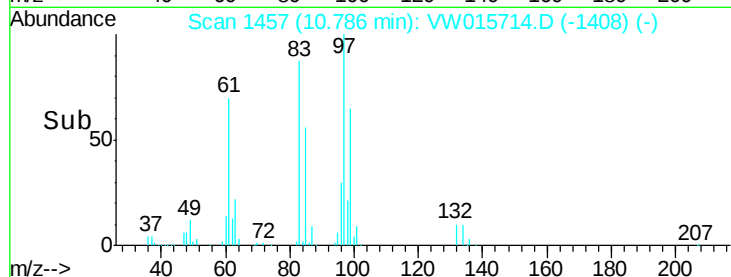
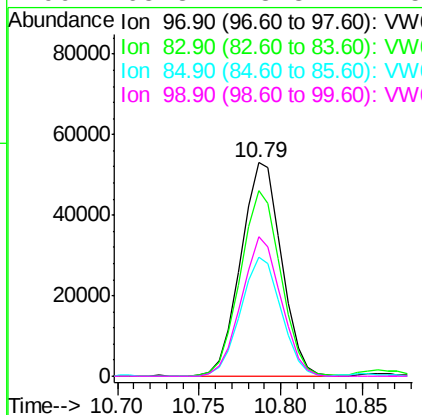
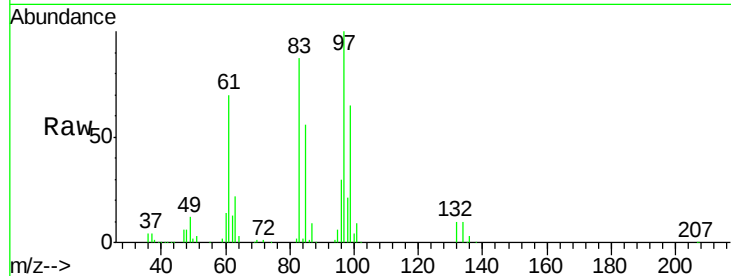
#55
 1,1,2-Trichloroethane
 Concen: 58.997 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	92570
Ion	Ratio	Lower	Upper
97	100		
83	86.8	66.3	99.5
85	55.6	42.5	63.7
99	65.3	48.3	72.5

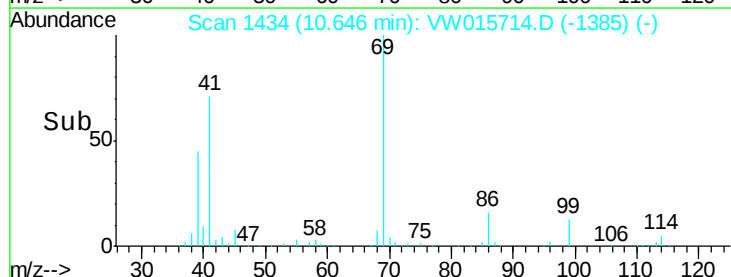
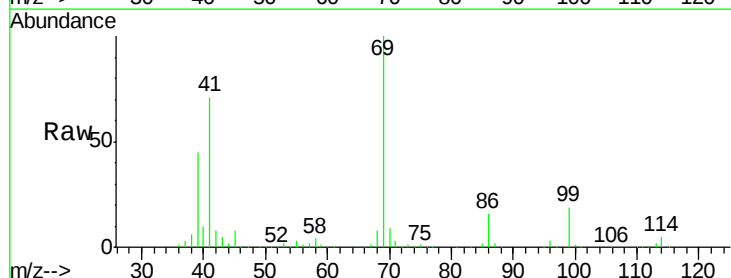
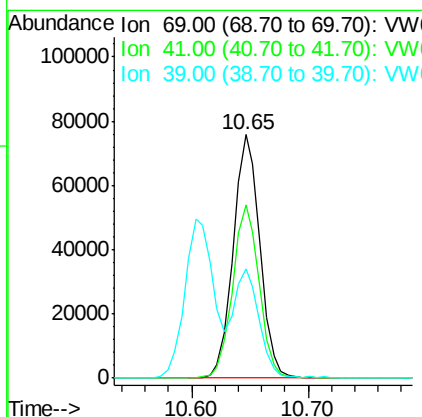
Manual Integrations
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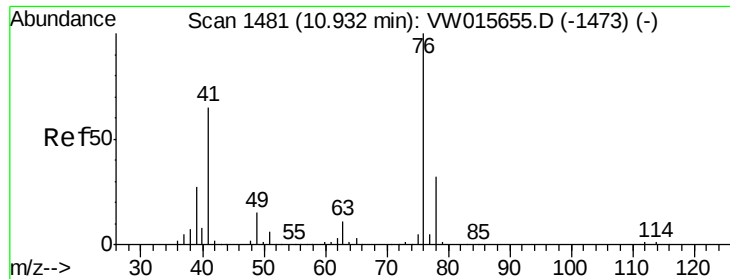
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 61.864 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion:	69	Resp:	120779
Ion	Ratio	Lower	Upper
69	100		
41	71.0	55.8	83.6
39	42.5	29.5	44.3





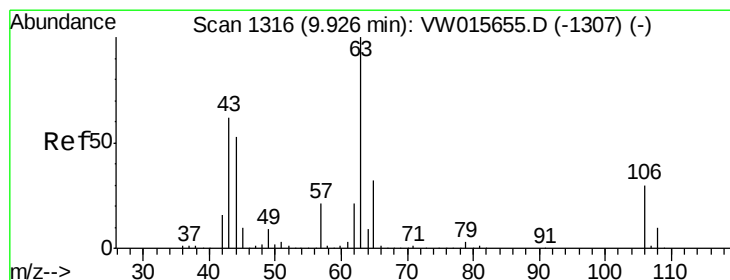
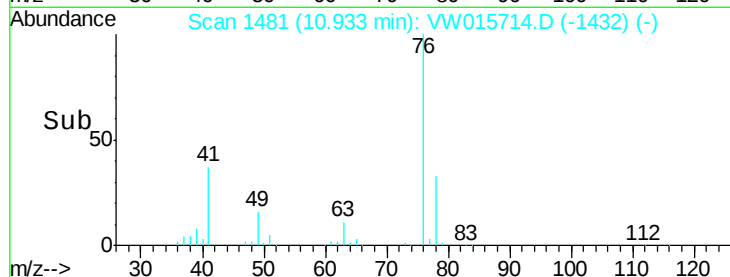
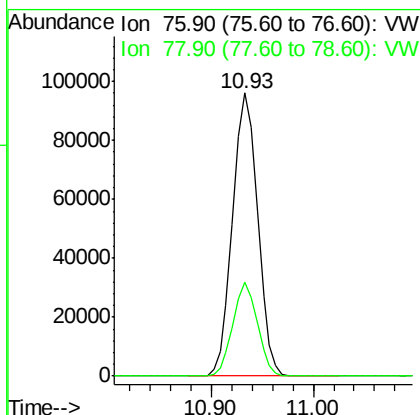
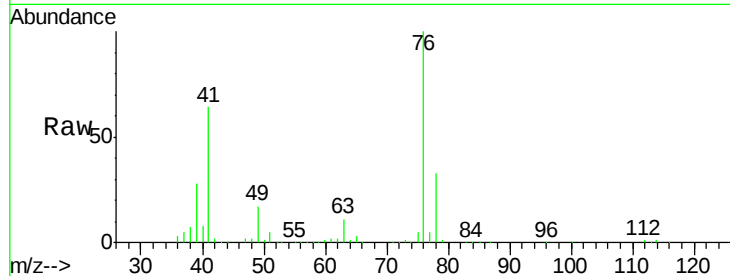
#57
 1,3-Dichloropropane
 Concen: 58.839 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 163672
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.2

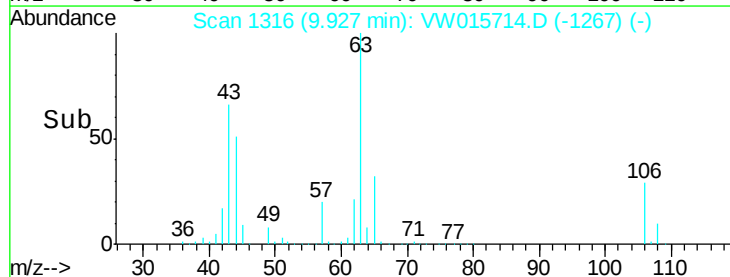
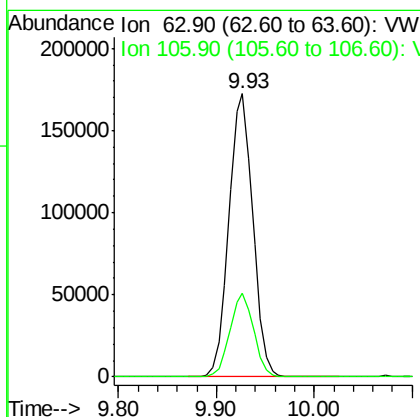
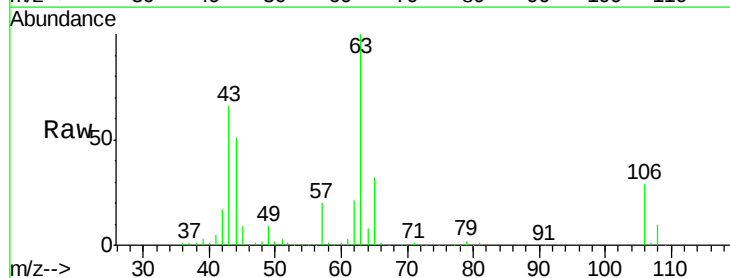
Manual Integrations
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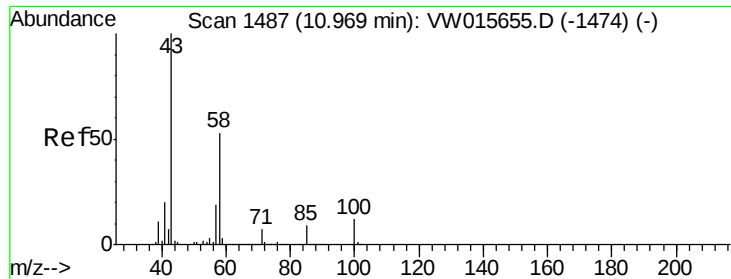
MMDadoda
 6/25/2020 4:18:20 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 316.166 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion: 63 Resp: 292102
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.3 34.9





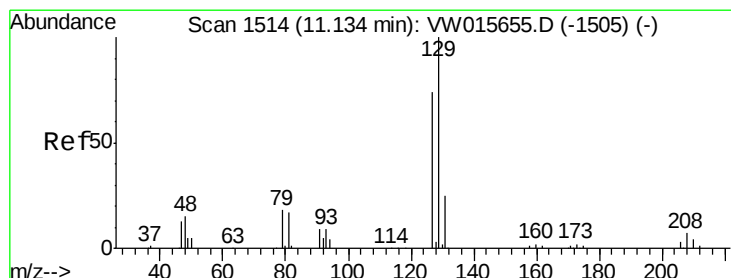
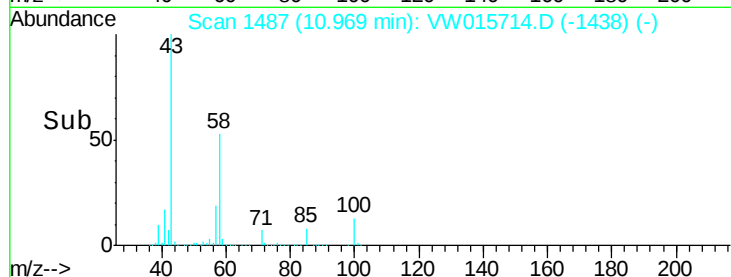
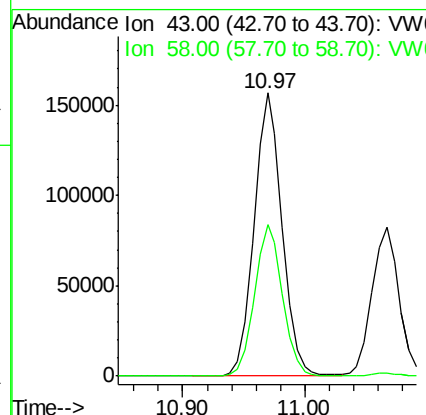
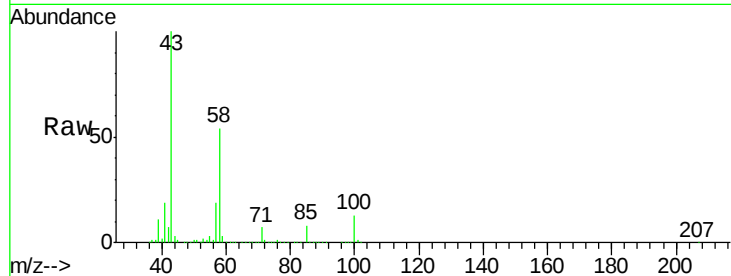
#59
2-Hexanone
Concen: 303.393 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 249079
Ion Ratio Lower Upper
43 100
58 53.6 26.5 79.4

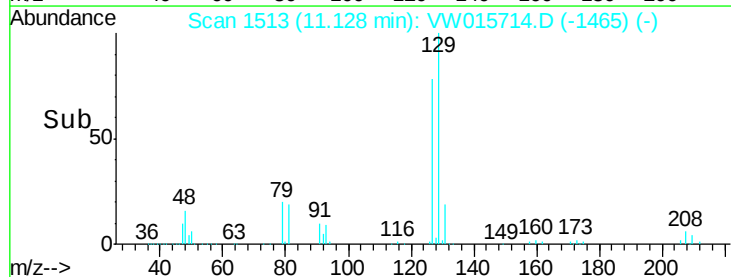
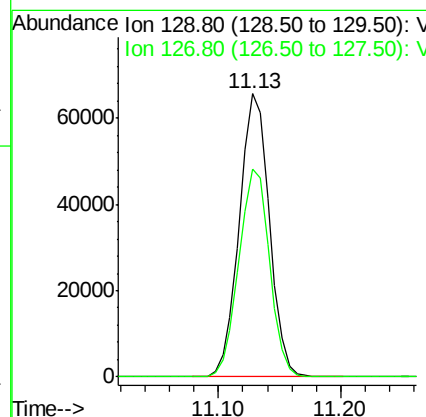
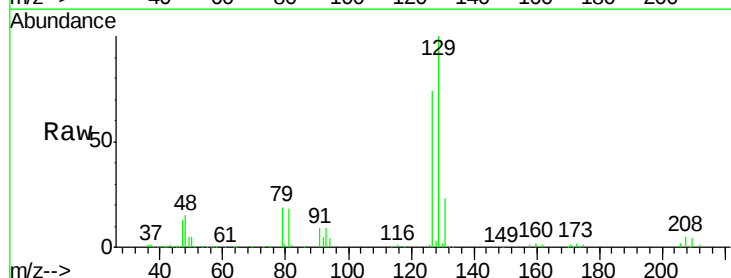
Manual Integrations
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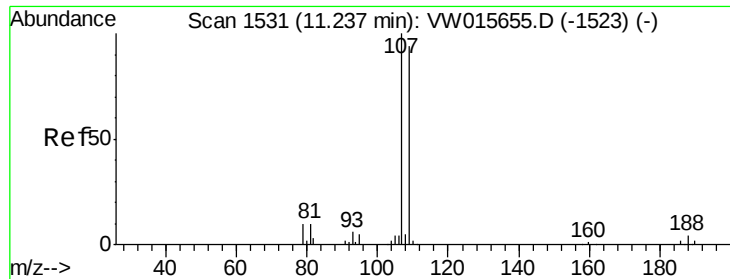
MMDadoda
6/25/2020 4:18:20 PM



#60
Dibromochloromethane
Concen: 61.052 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion: 129 Resp: 111632
Ion Ratio Lower Upper
129 100
127 74.9 38.0 114.1





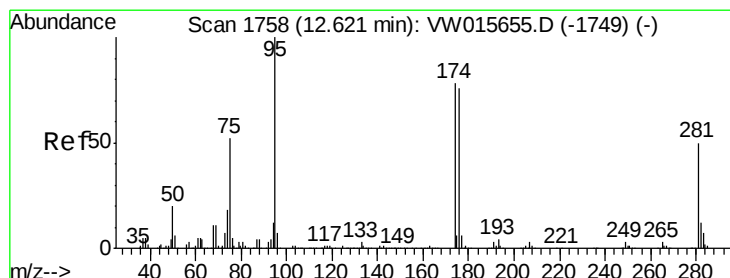
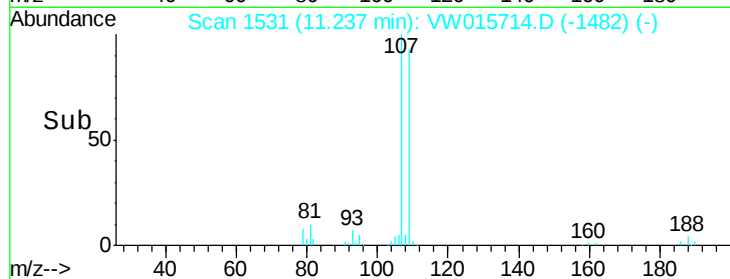
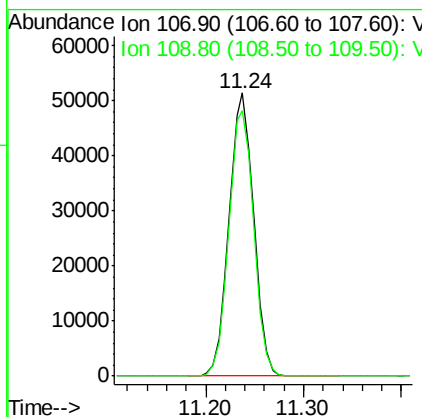
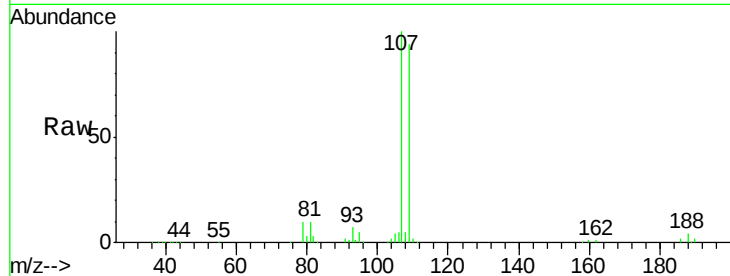
#61
 1,2-Dibromoethane
 Concen: 59.821 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	74.9	112.3

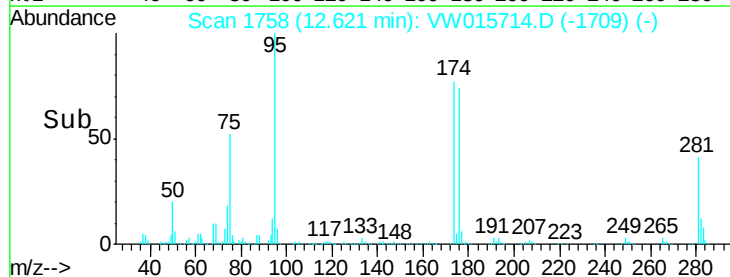
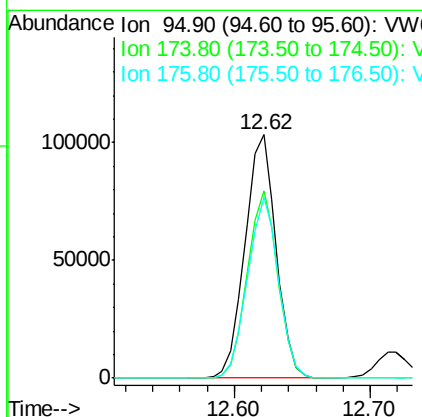
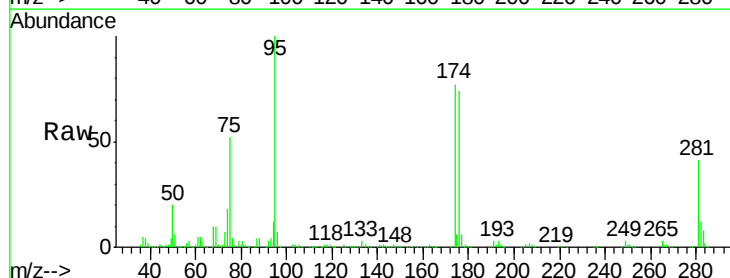
Manual Integrations
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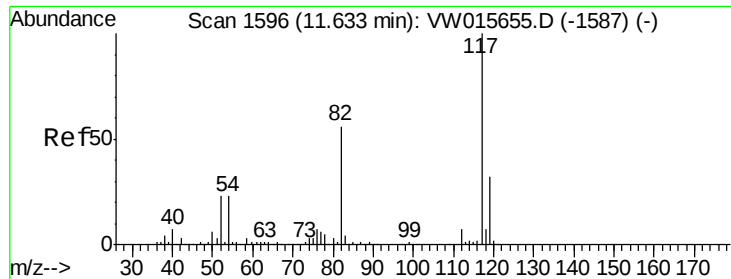
MMDadoda
 6/25/2020 4:18:20 PM



#62
 4-Bromofluorobenzene
 Concen: 57.426 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	157.0
176	74.2	0.0	151.4





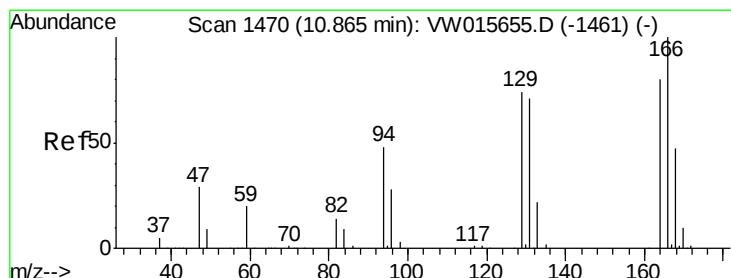
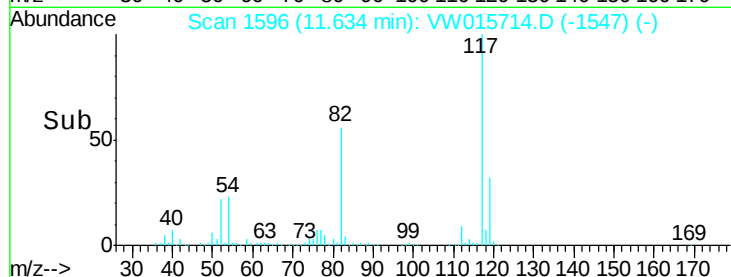
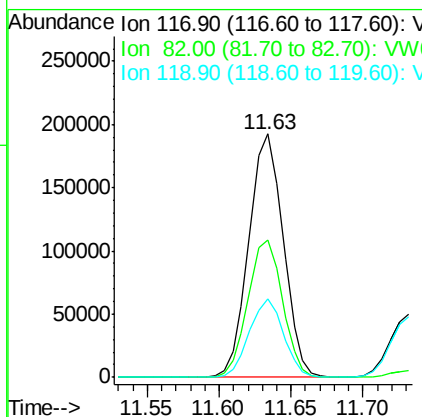
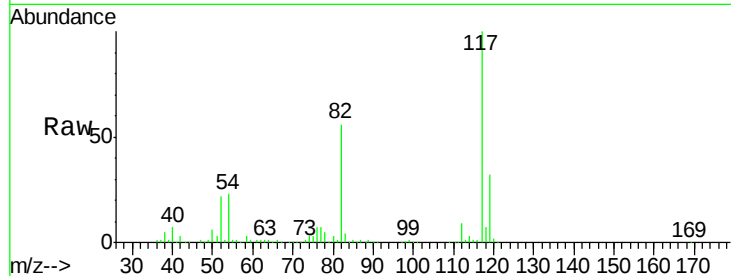
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.1	67.7
119	32.2	25.8	38.8

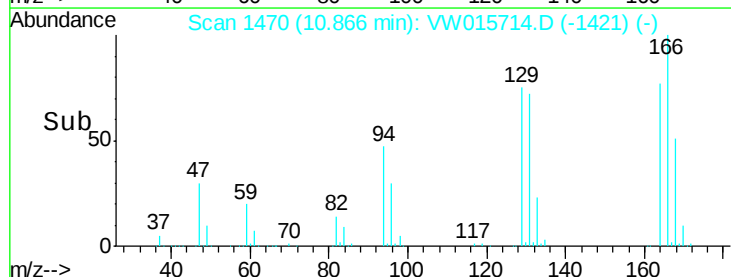
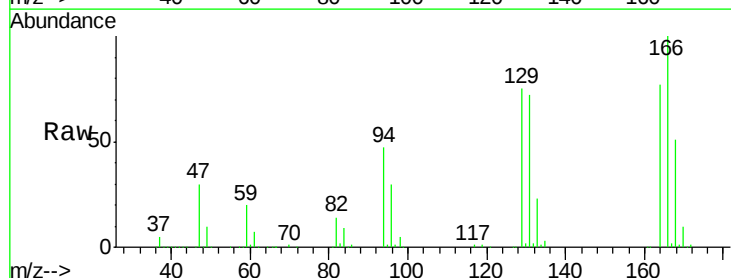
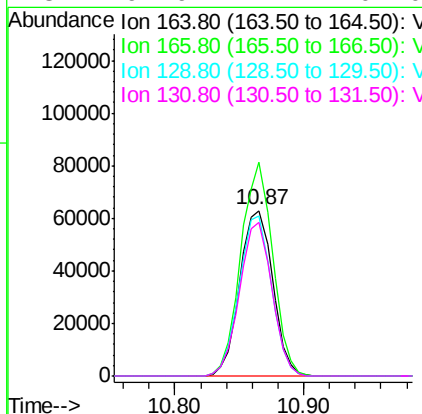
Manual Integrations
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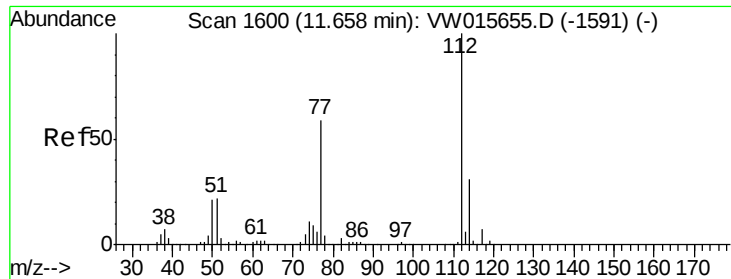
MMDadoda
6/25/2020 4:18:20 PM



#64
Tetrachloroethene
Concen: 49.846 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	99.9	149.9
129	96.5	74.2	111.2
131	92.9	71.4	107.0





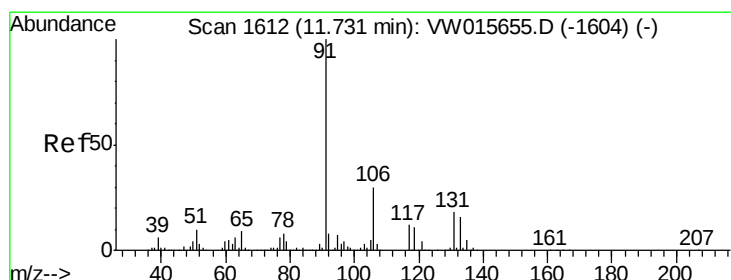
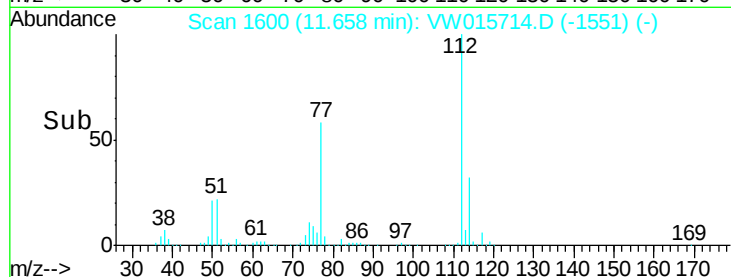
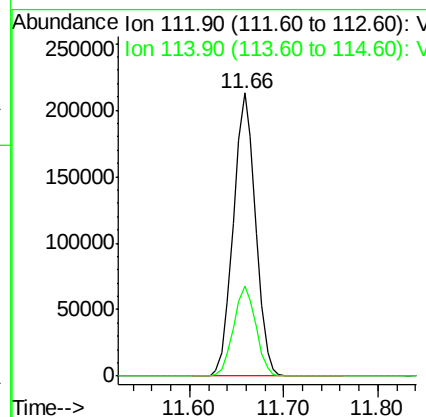
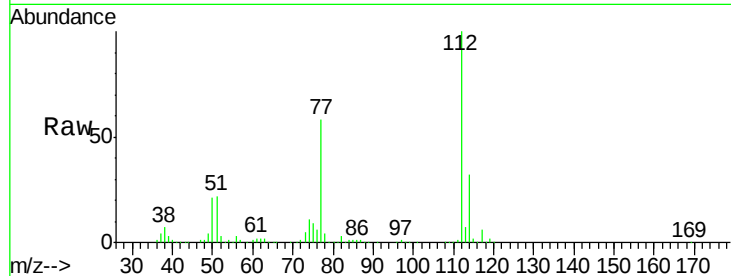
#65
Chlorobenzene
Concen: 51.672 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 347420
Ion Ratio Lower Upper
112 100
114 31.7 24.9 37.3

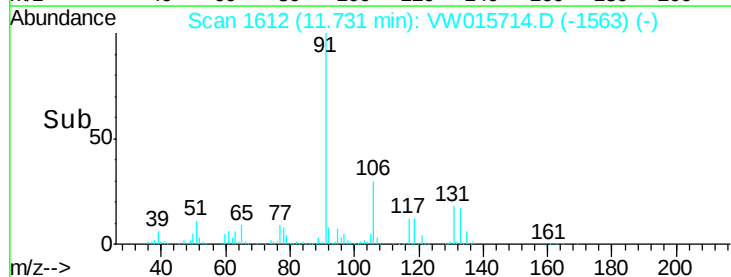
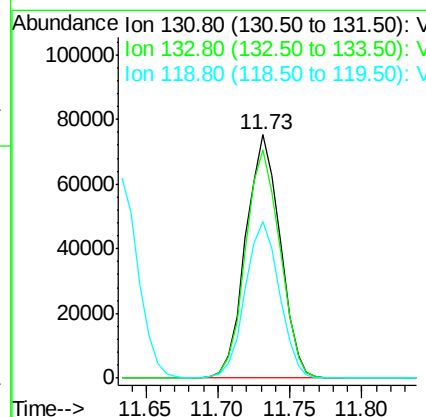
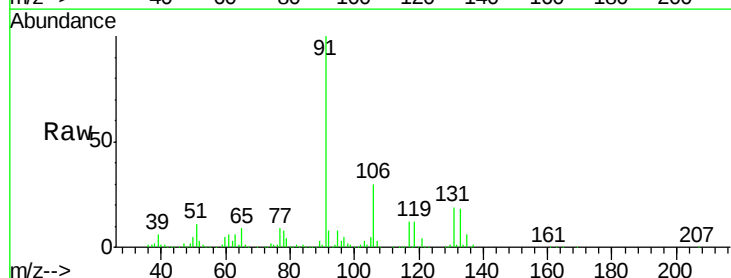
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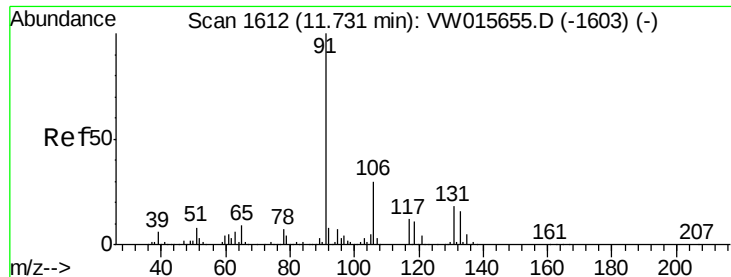
MMDadoda
6/25/2020 4:18:20 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.717 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion:131 Resp: 124276
Ion Ratio Lower Upper
131 100
133 94.4 46.5 139.5
119 64.1 32.5 97.5





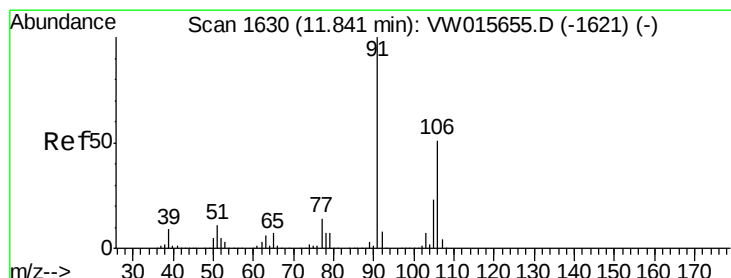
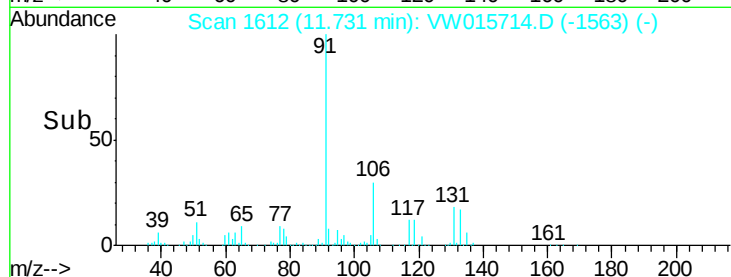
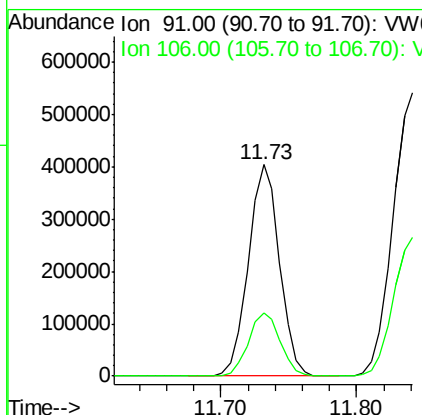
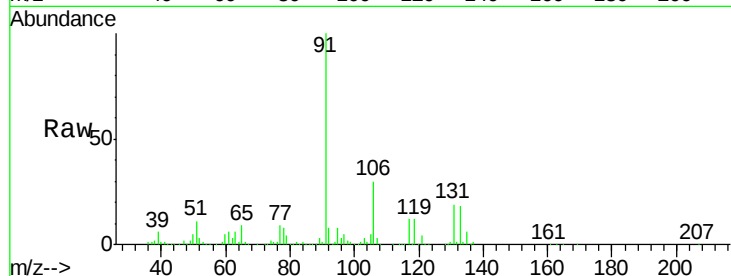
#67
Ethyl Benzene
Concen: 51.715 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.1	36.1

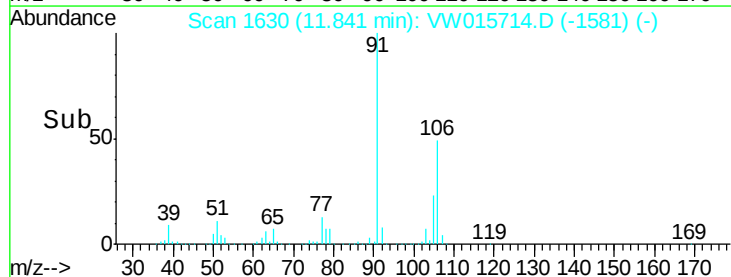
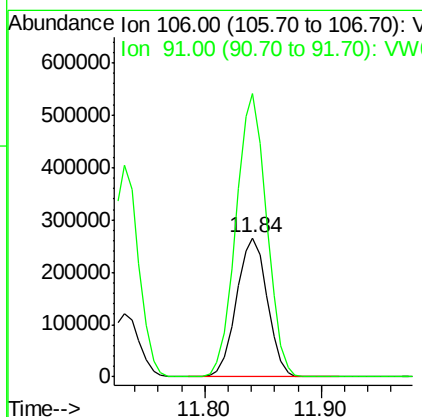
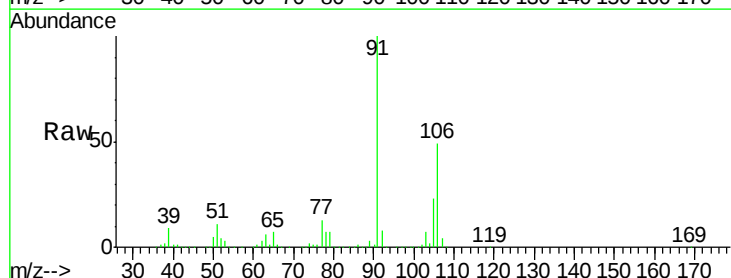
Manual Integrations
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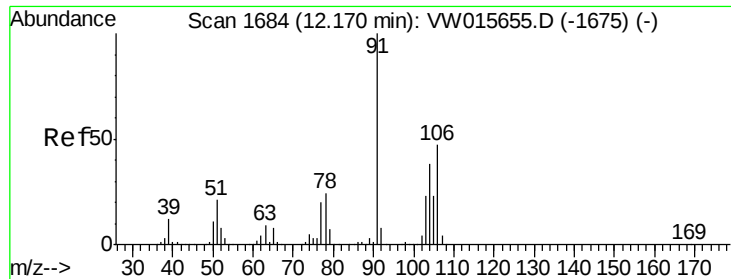
MMDadoda
6/25/2020 4:18:20 PM



#68
m/p-Xylenes
Concen: 103.764 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Lower	Upper
106	100		
91	203.0	162.6	244.0





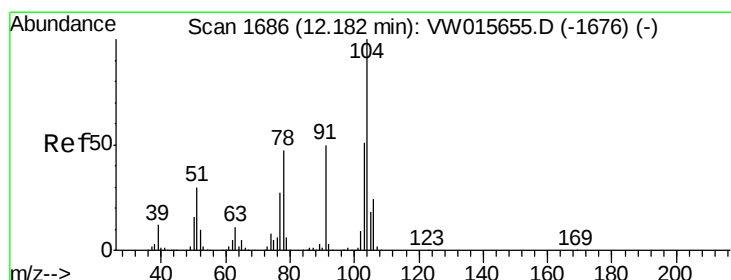
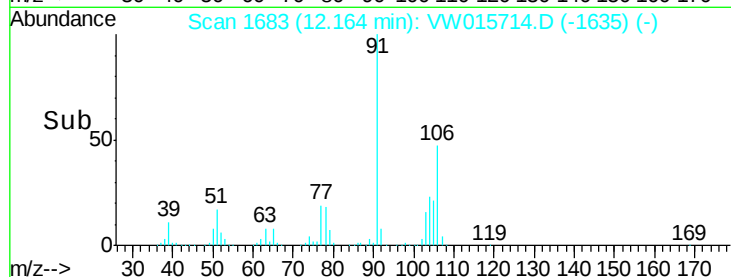
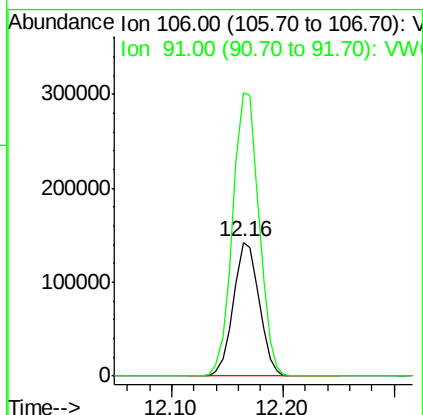
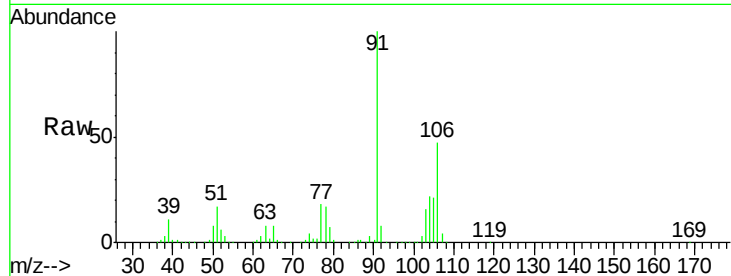
#69
o-Xylene
Concen: 53.007 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	228994		
91	216.2	108.3	324.9	

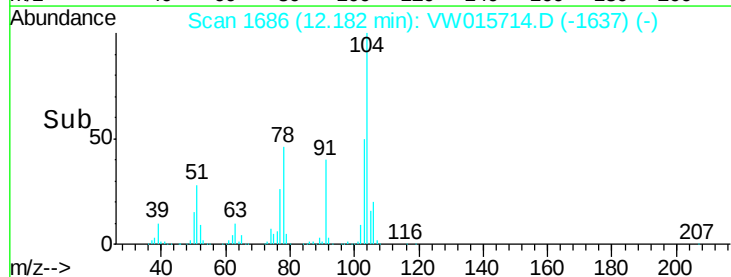
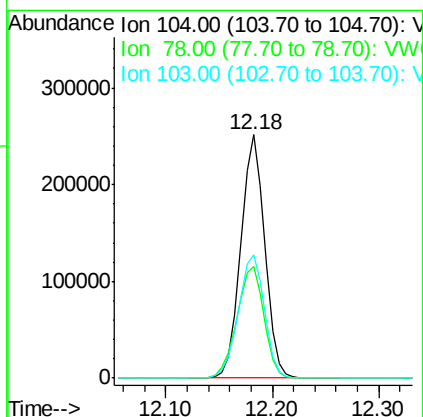
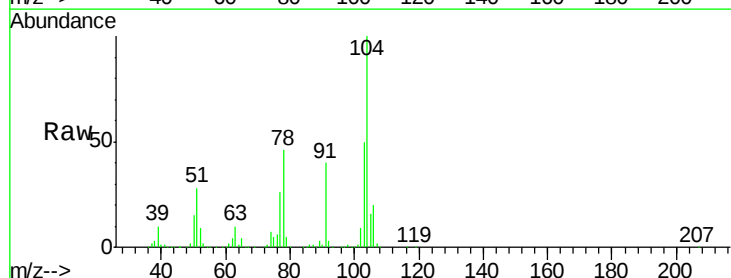
Manual Integrations
APPROVED

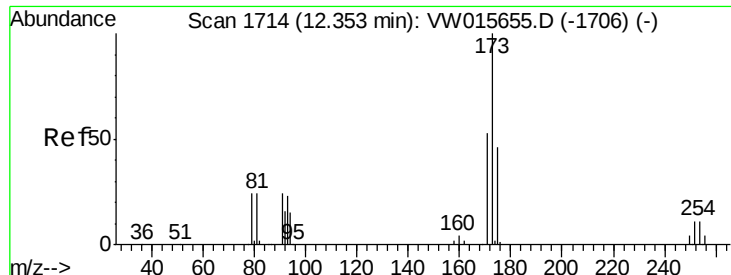
MMDadoda
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#70
Styrene
Concen: 53.993 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	398525		
78	51.5	40.9	61.3	
103	55.4	43.1	64.7	





#71

Bromoform

Concen: 56.555 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 61344

Ion Ratio Lower Upper

173 100

175 48.9 23.5 70.6

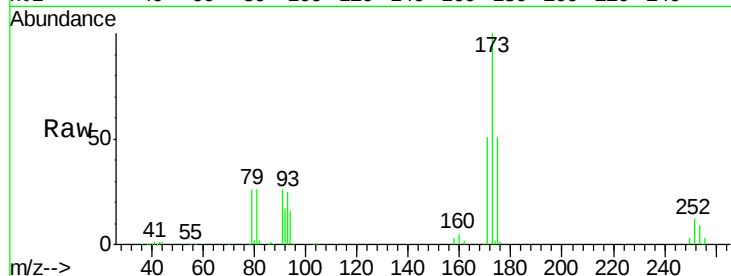
254 0.0 0.1 0.1#

Manual Integrations

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MMDadoda

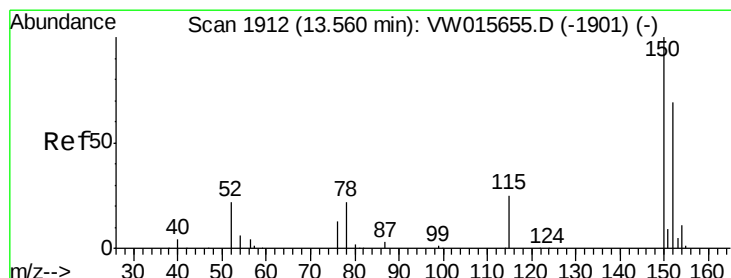
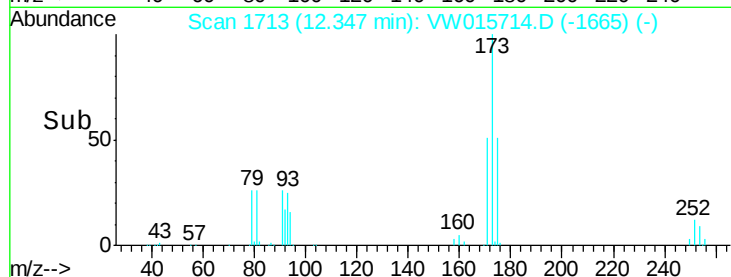
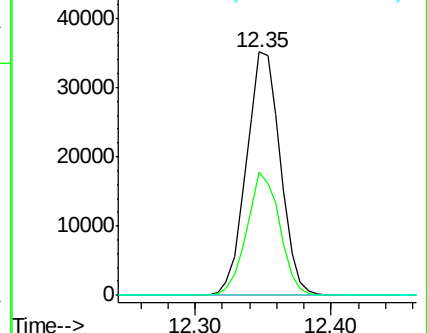
6/25/2020 4:18:20 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

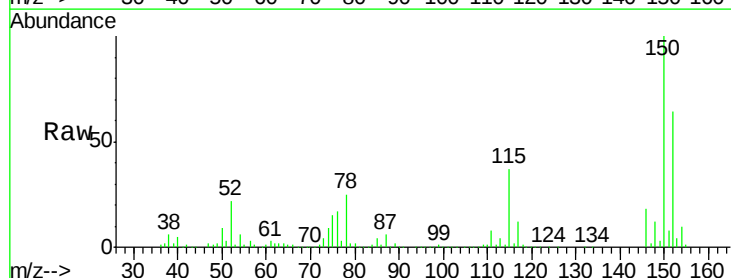
Tgt Ion:152 Resp: 163771

Ion Ratio Lower Upper

152 100

115 59.2 30.1 90.5

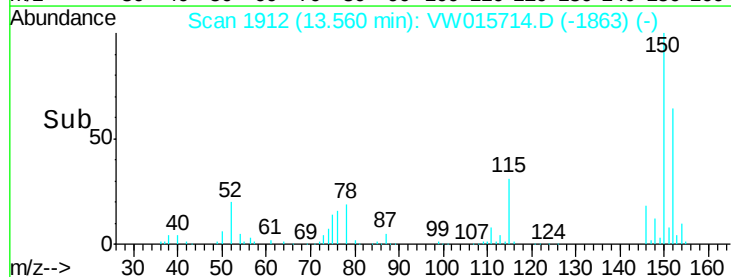
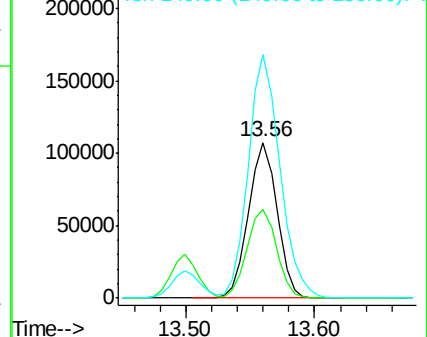
150 173.6 0.0 345.6

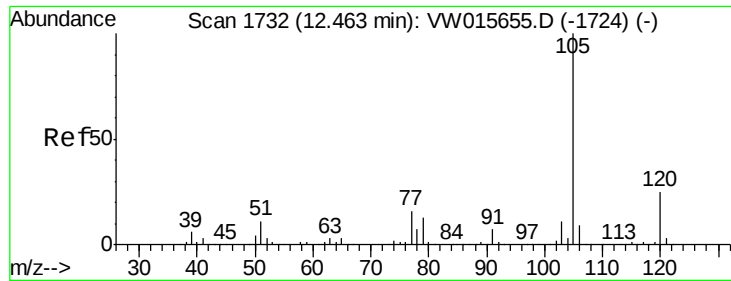


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





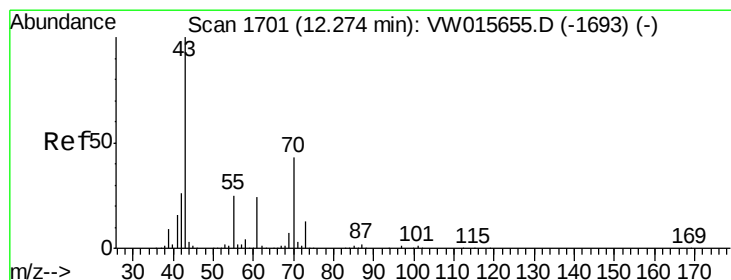
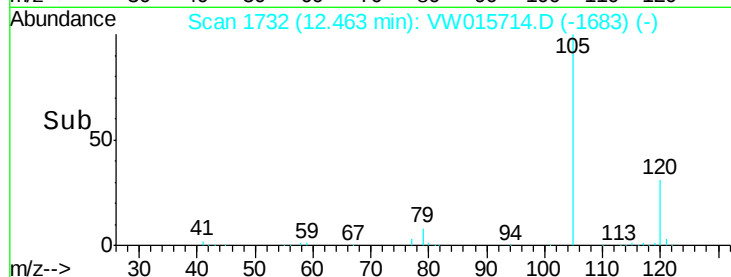
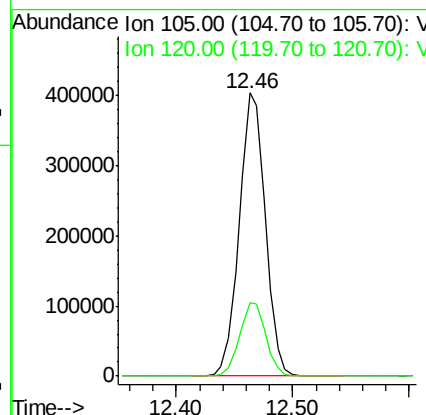
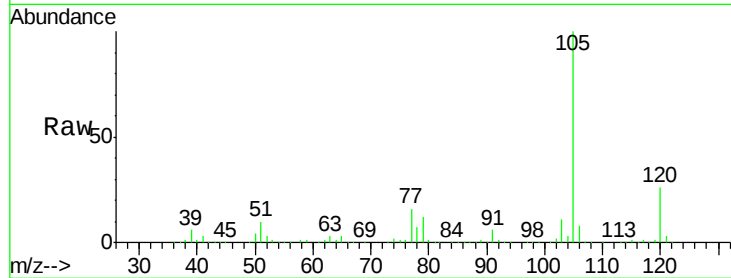
#73
Isopropylbenzene
Concen: 50.322 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.9	38.7

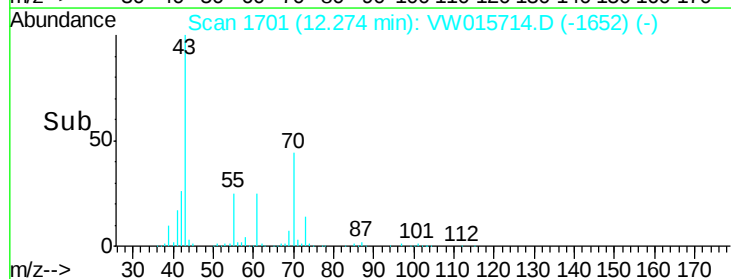
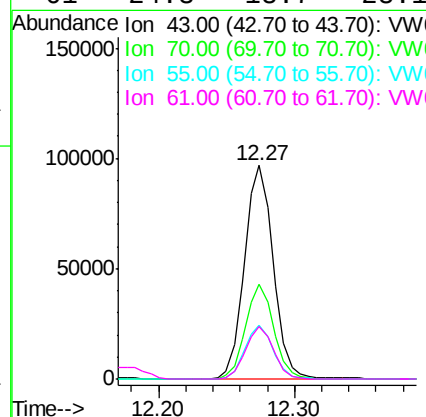
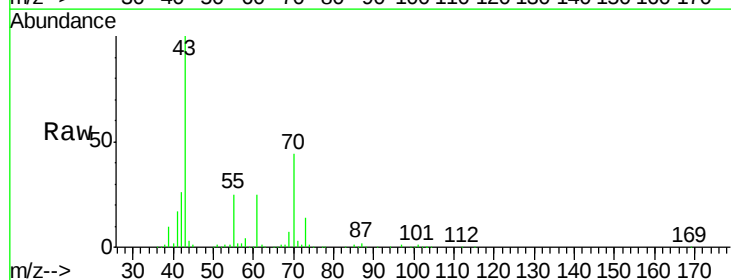
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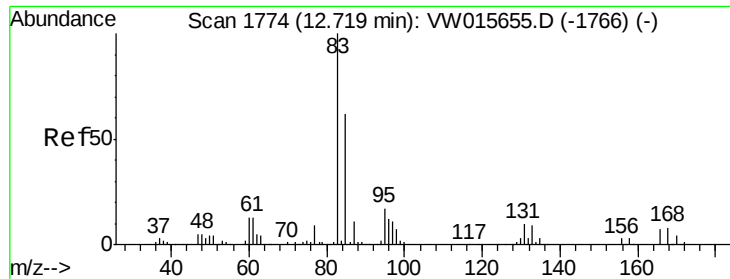
MMDadoda
6/25/2020 4:18:20 PM



#74
N-ethyl acetate
Concen: 54.068 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.4	33.6	50.4
55	25.1	19.7	29.5
61	24.3	18.7	28.1





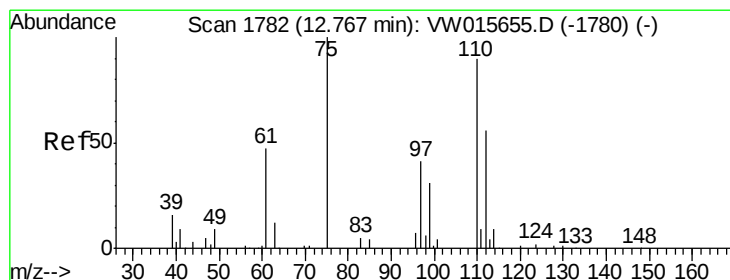
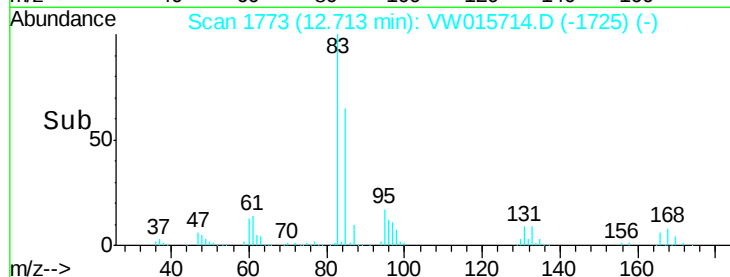
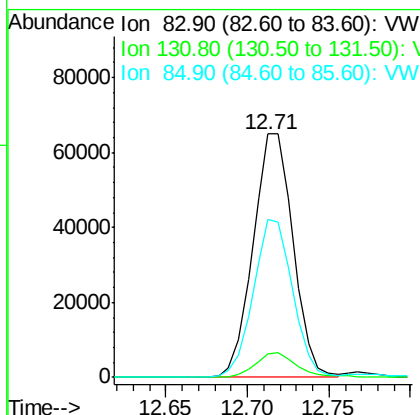
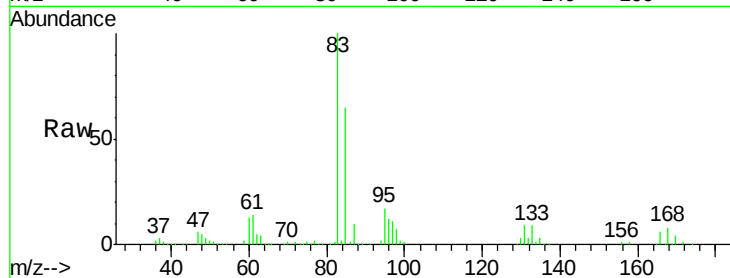
#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.347 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	83	Resp	110618
Ion Ratio	100	Lower	Upper
83	100		
131	10.5	5.5	16.4
85	63.7	31.9	95.7

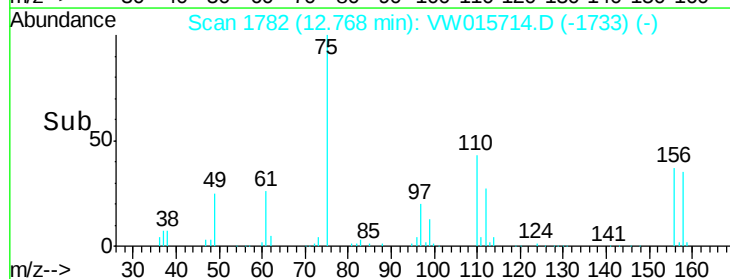
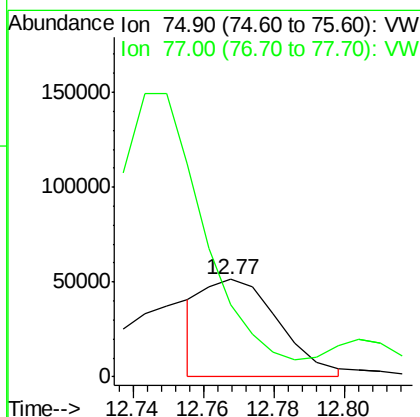
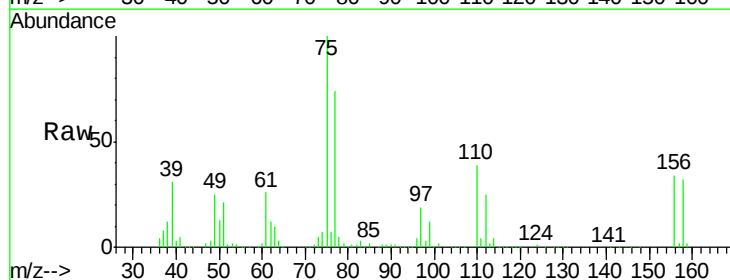
Manual Integrations
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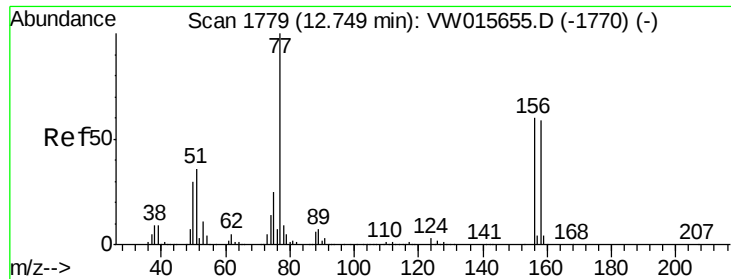
MMDadoda
 6/25/2020 4:18:20 PM



#76
 1,2,3-Trichloropropane
 Concen: 51.209 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion	75	Resp	76498
Ion Ratio	100	Lower	Upper
75	100		
77	361.1	179.1	537.1





#77

Bromobenzene

Concen: 52.598 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

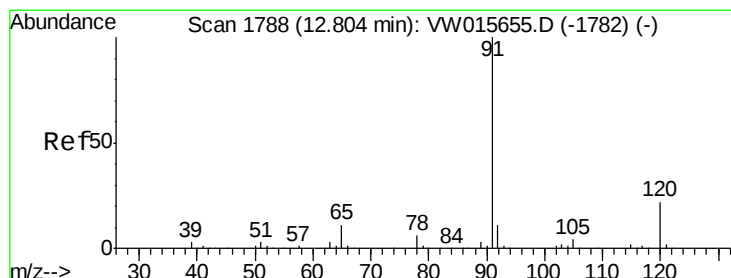
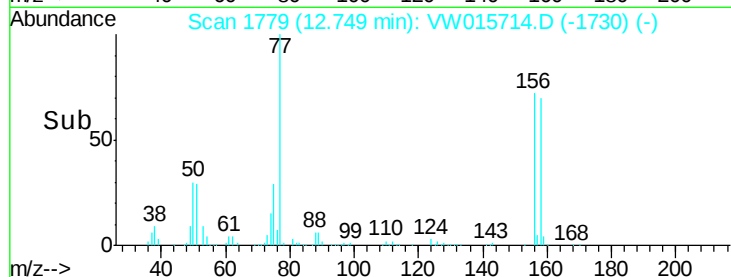
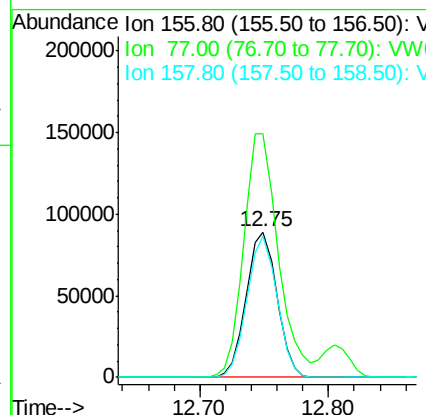
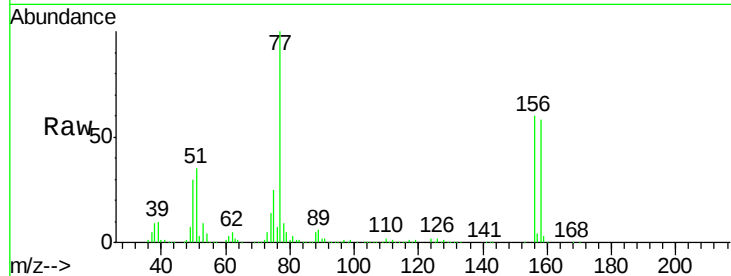
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	146523
Ion Ratio	Lower	Upper	
156	100		
77	188.5	94.5	283.5
158	95.2	47.9	143.6

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#78

n-propylbenzene

Concen: 49.761 ug/l

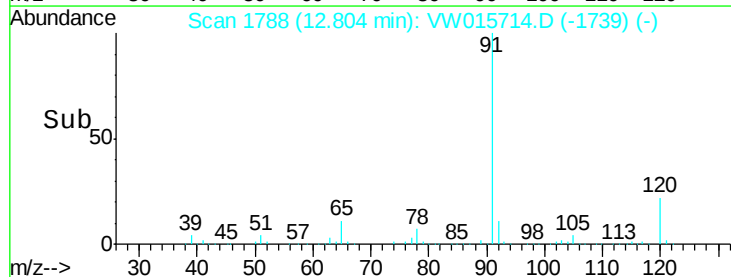
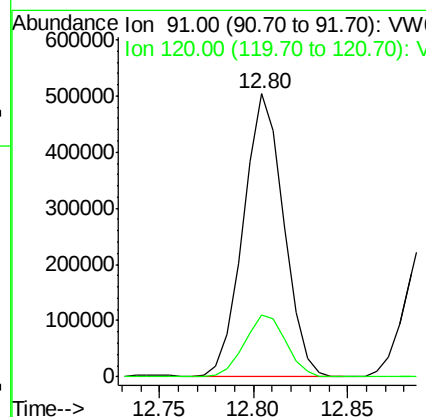
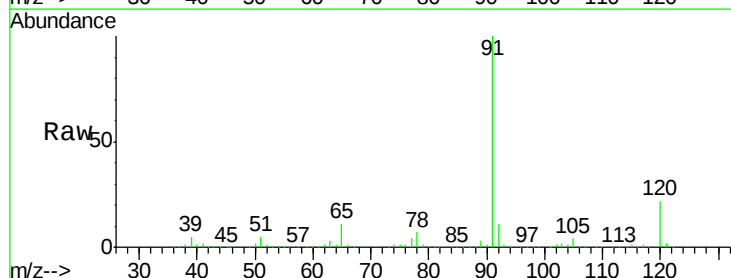
RT: 12.80 min Scan# 1788

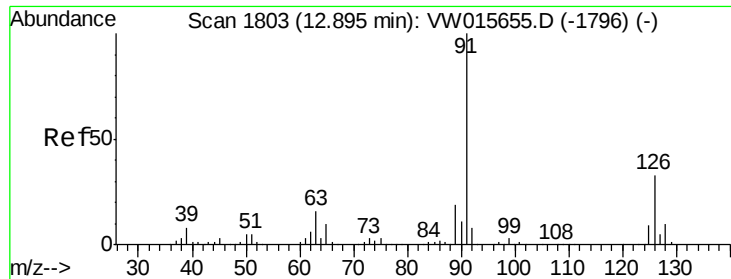
Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Tgt Ion:	91	Resp:	748298
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.2	33.5





#79

2-Chlorotoluene

Concen: 51.292 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 434292

Ion Ratio Lower Upper

91 100

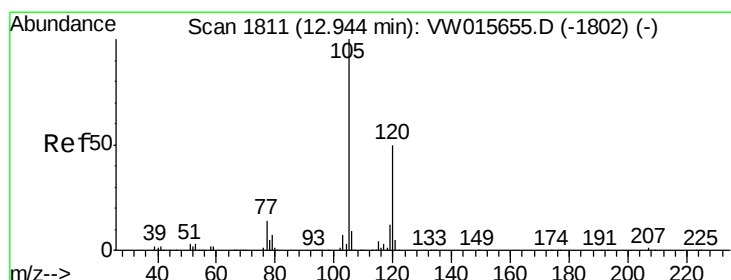
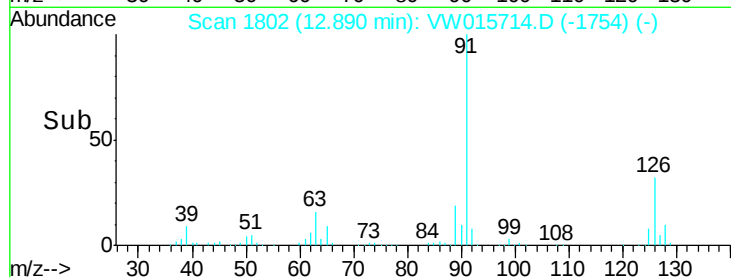
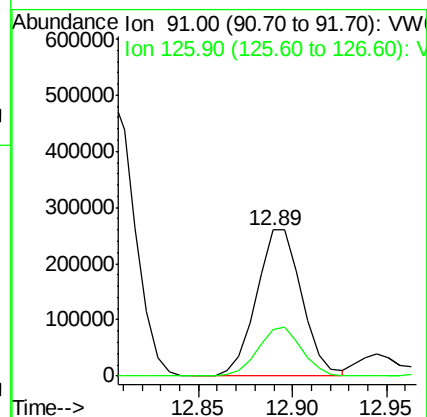
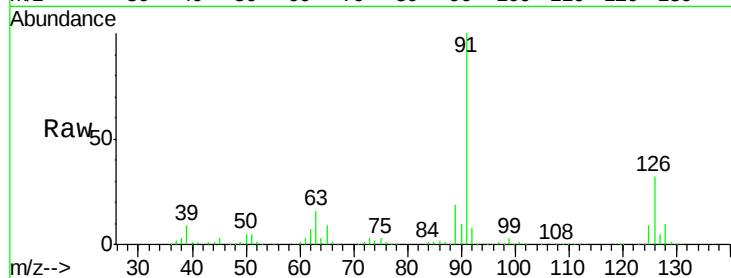
126 32.5 16.6 49.8

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#80

1,3,5-Trimethylbenzene

Concen: 50.994 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015714.D

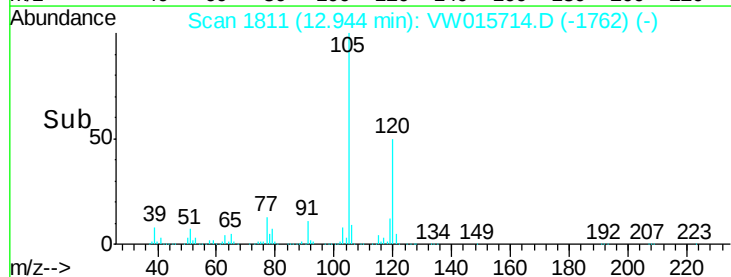
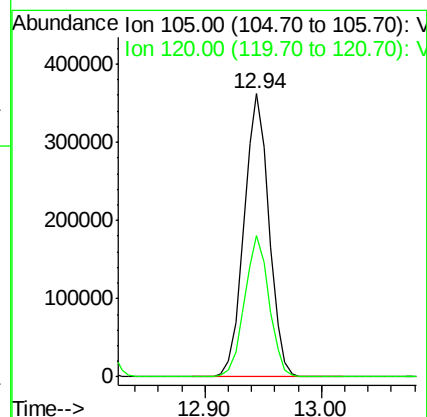
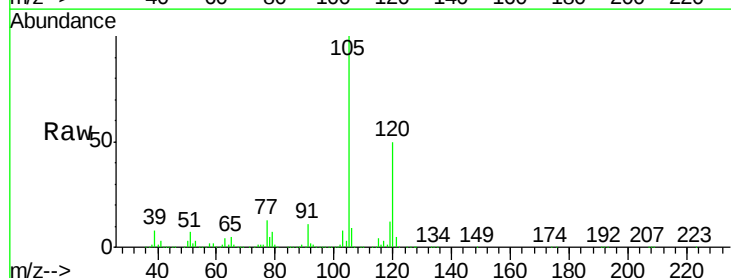
Acq: 25 Jun 2020 05:52

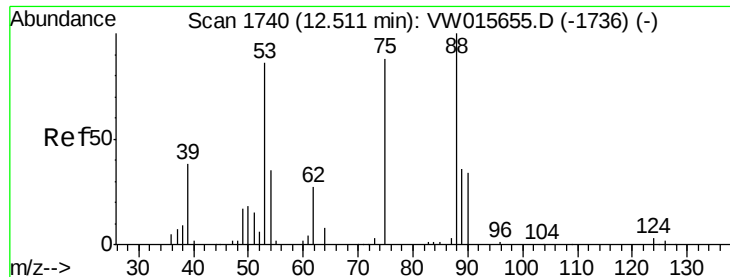
Tgt Ion: 105 Resp: 539816

Ion Ratio Lower Upper

105 100

120 49.0 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 48.319 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 28643

Ion Ratio Lower Upper

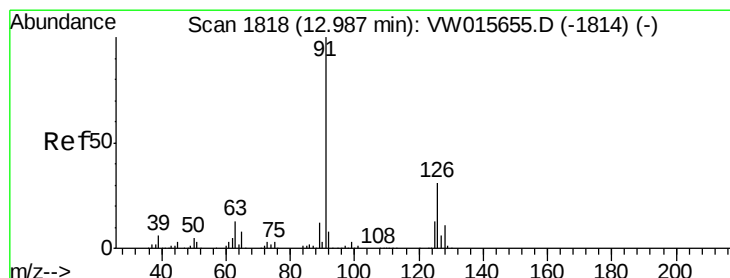
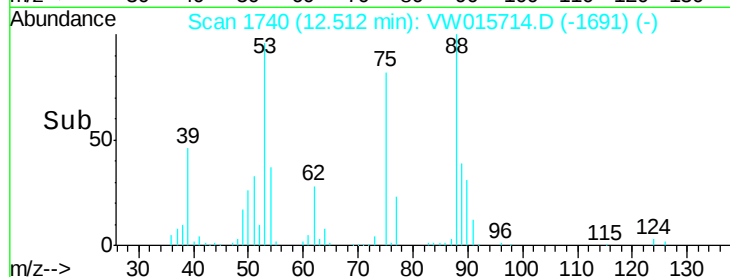
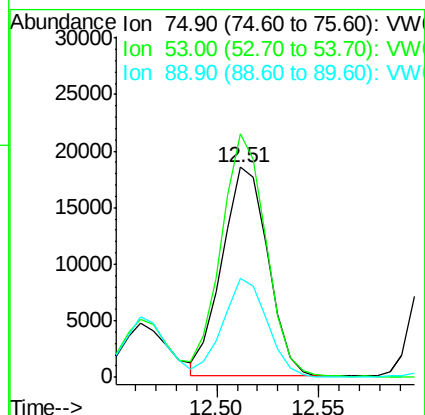
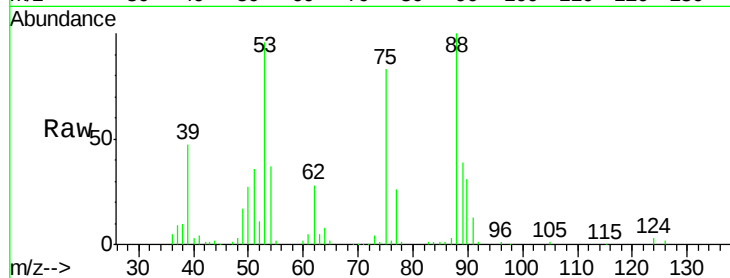
75 100

53 115.0 83.8 125.8

89 46.3 36.6 55.0

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#82

4-Chlorotoluene

Concen: 50.012 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015714.D

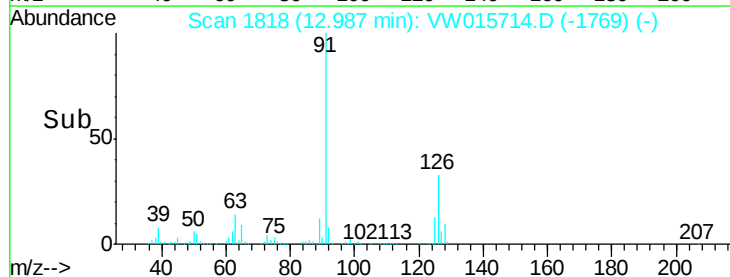
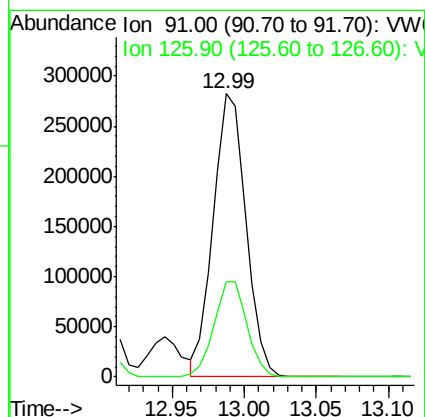
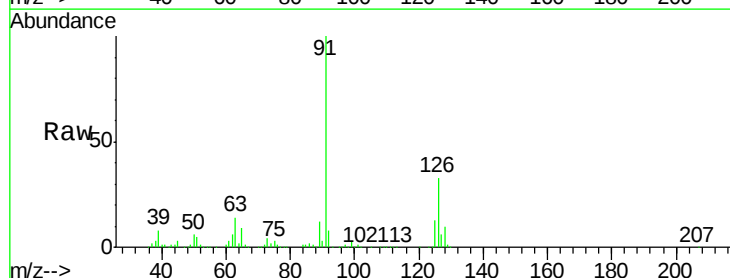
Acq: 25 Jun 2020 05:52

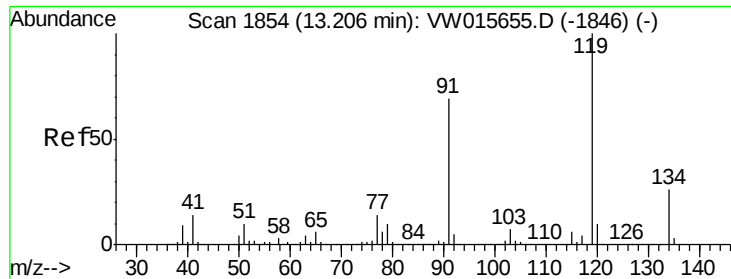
Tgt Ion: 91 Resp: 447990

Ion Ratio Lower Upper

91 100

126 34.0 16.3 48.9





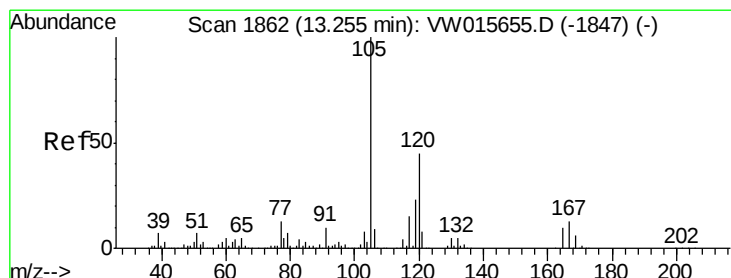
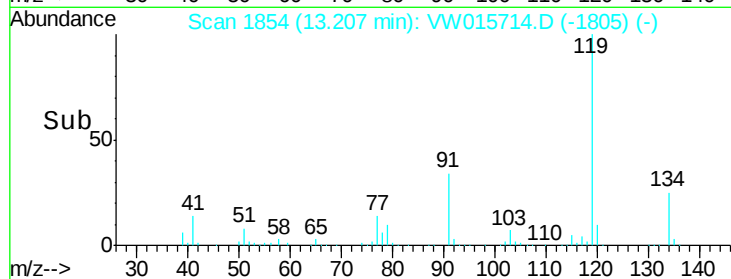
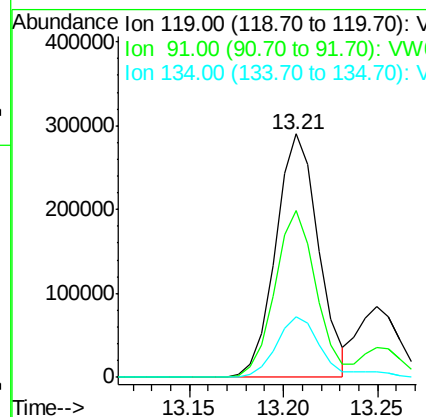
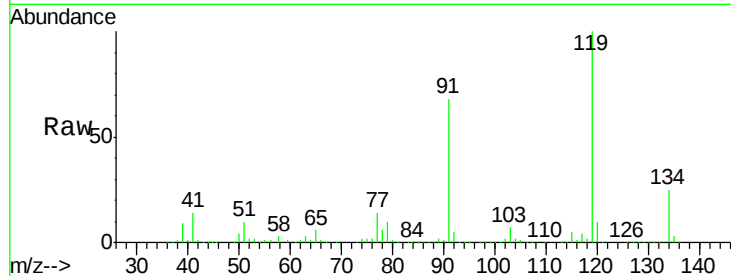
#83
tert-Butylbenzene
Concen: 50.942 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	34.7	104.1
134	25.0	13.8	41.4

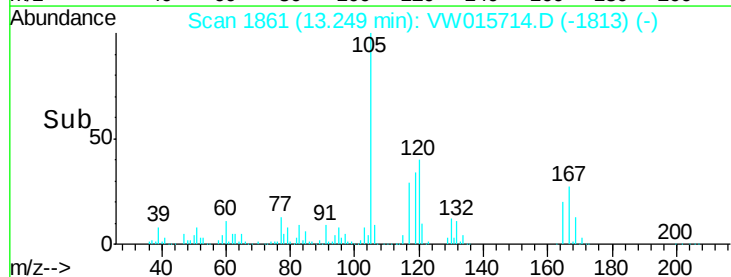
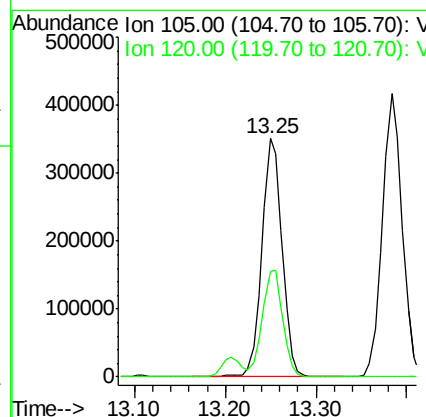
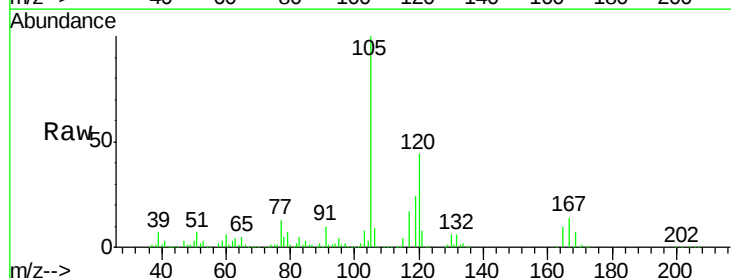
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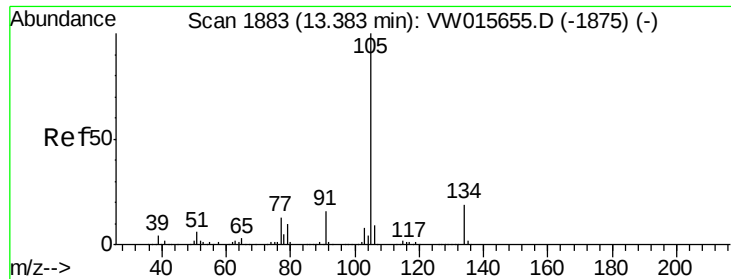
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 50.979 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.3





#85

sec-Butylbenzene

Concen: 49.205 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 628978

Ion Ratio Lower Upper

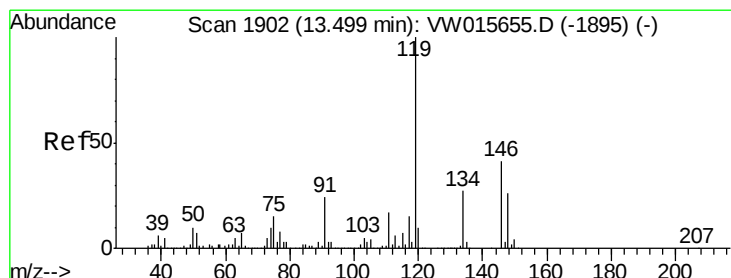
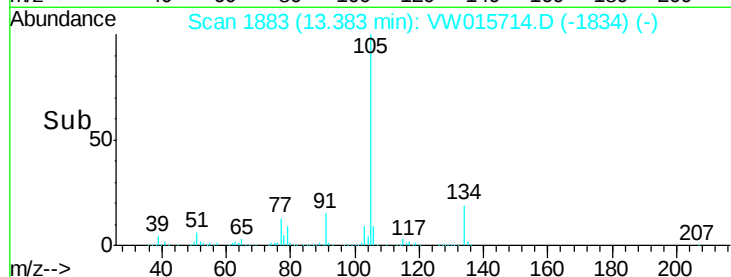
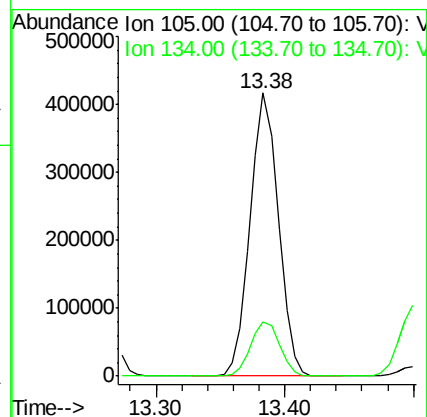
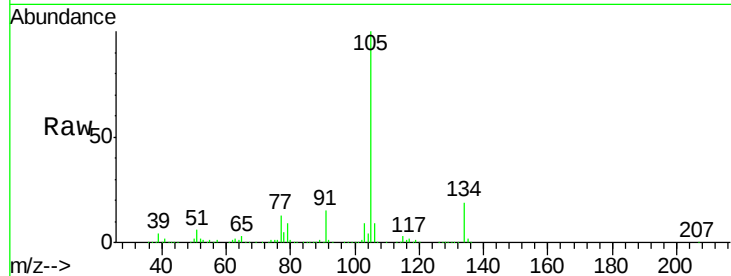
105 100

134 19.9 10.0 29.8

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#86

p-Isopropyltoluene

Concen: 49.688 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

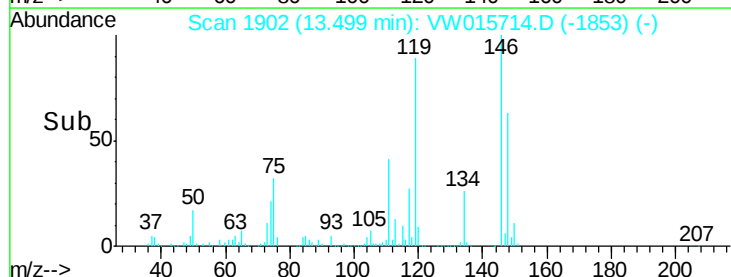
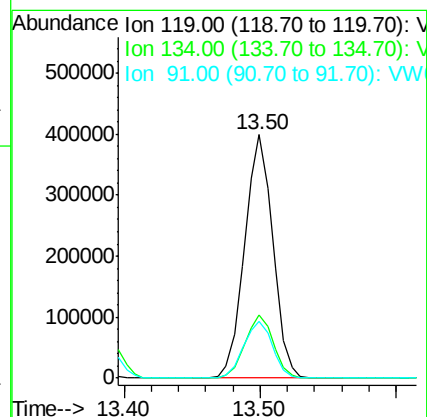
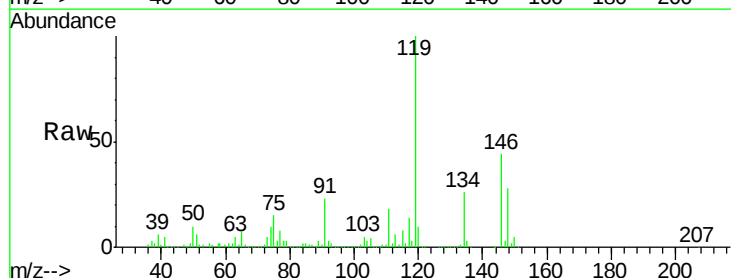
Tgt Ion:119 Resp: 577080

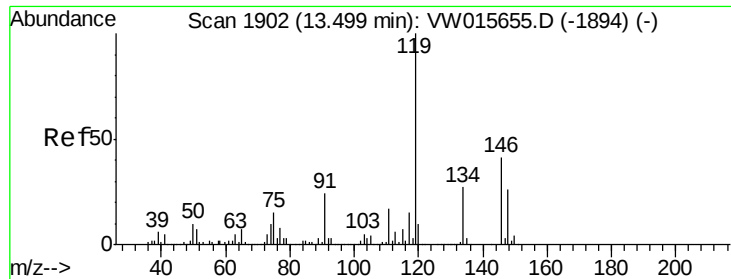
Ion Ratio Lower Upper

119 100

134 26.0 13.5 40.4

91 23.8 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 50.317 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

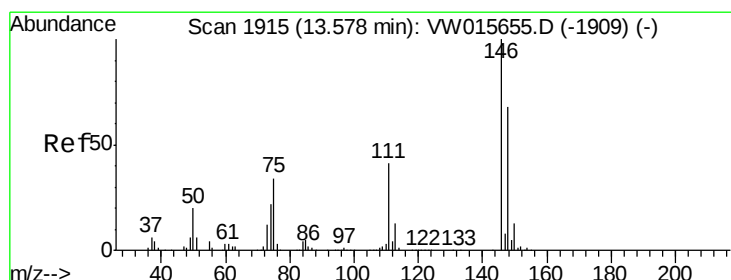
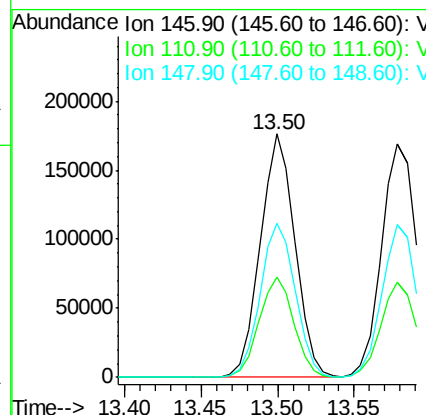
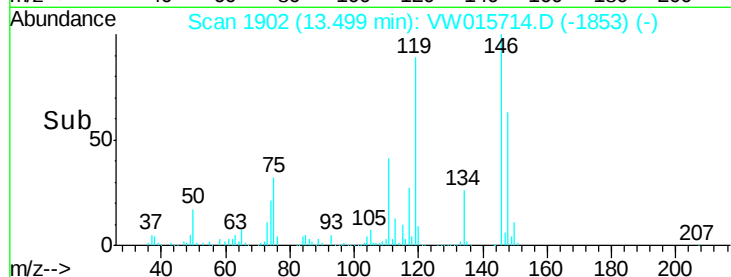
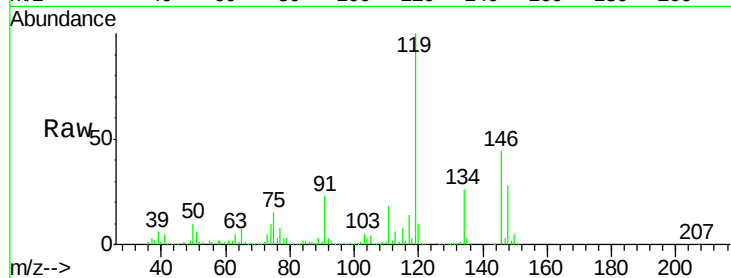
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	278255		
111	41.3	20.3	60.8	
148	64.1	31.6	94.7	

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#88

1,4-Dichlorobenzene

Concen: 49.697 ug/l

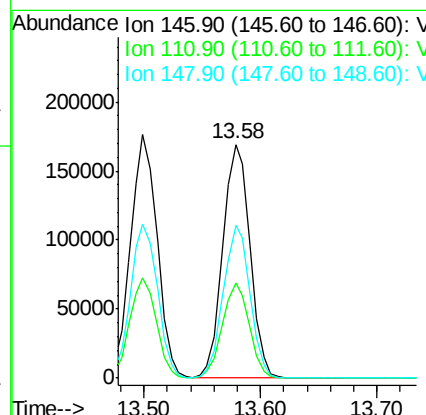
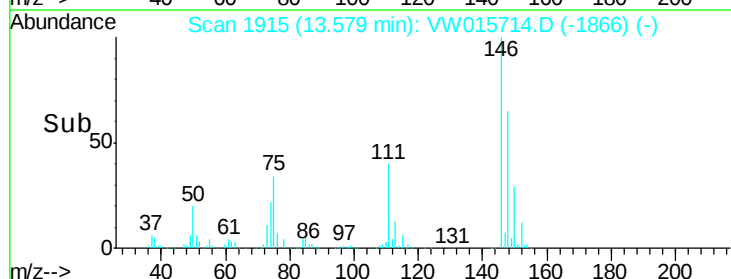
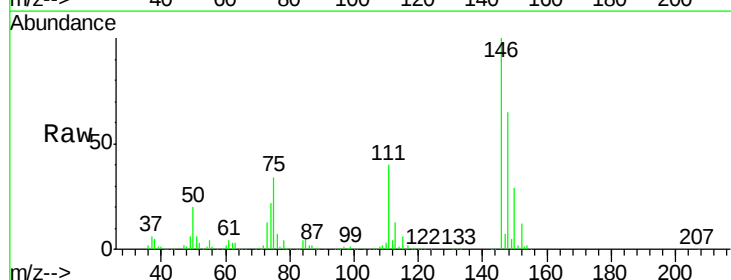
RT: 13.58 min Scan# 1915

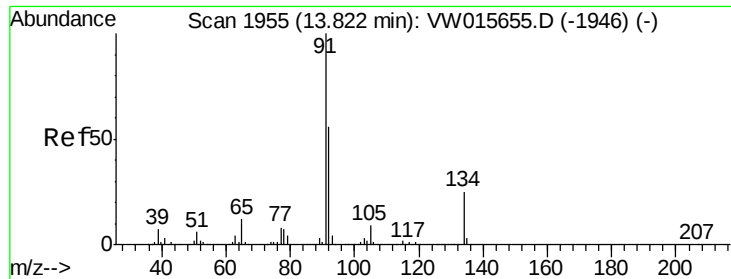
Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	272193		
111	40.0	20.3	60.9	
148	64.4	33.7	101.1	





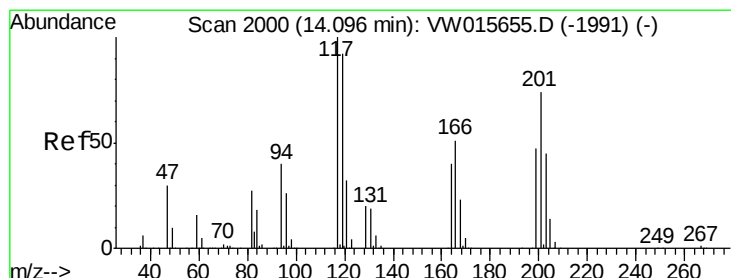
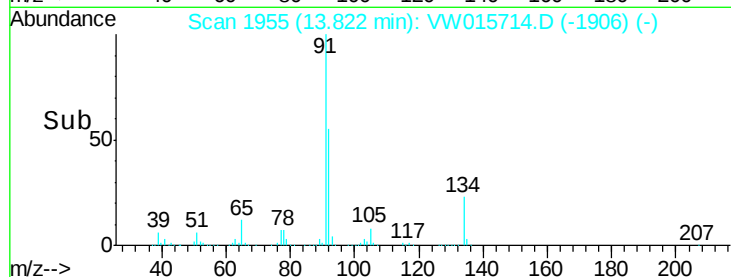
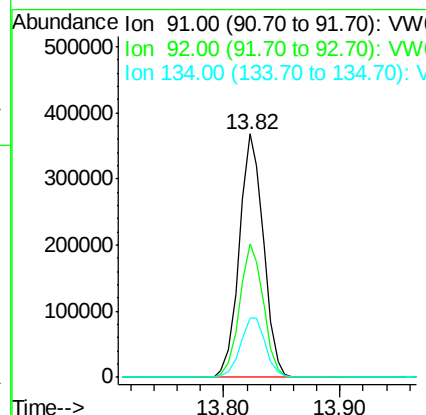
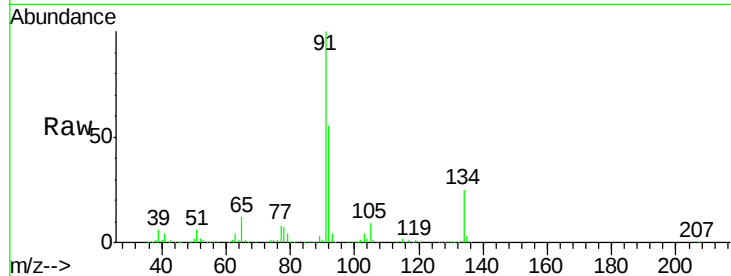
#89
n-Butylbenzene
Concen: 47.651 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.5	82.4
134	25.4	13.0	38.9

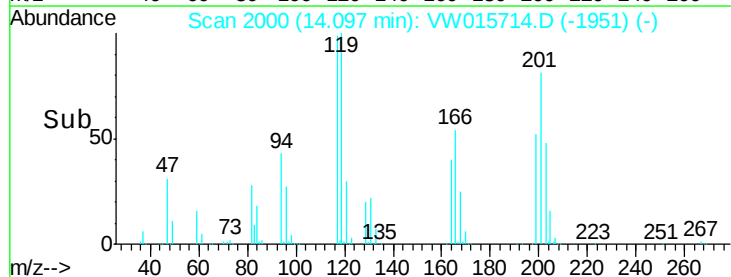
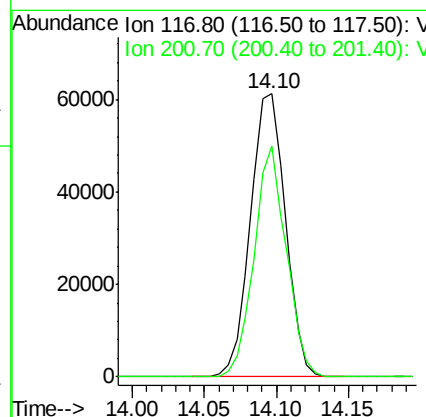
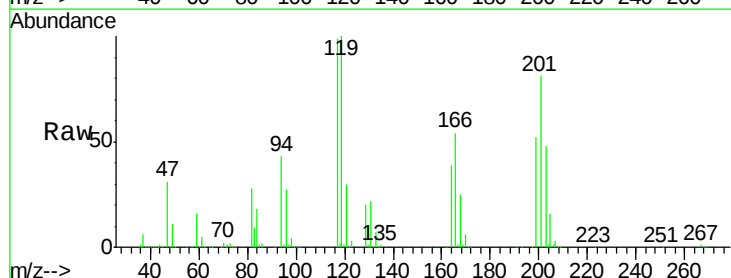
Manual Integrations
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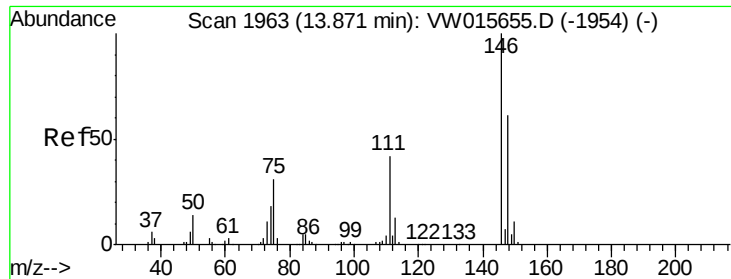
MMDadoda
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#90
Hexachloroethane
Concen: 49.673 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.9	37.1	111.5





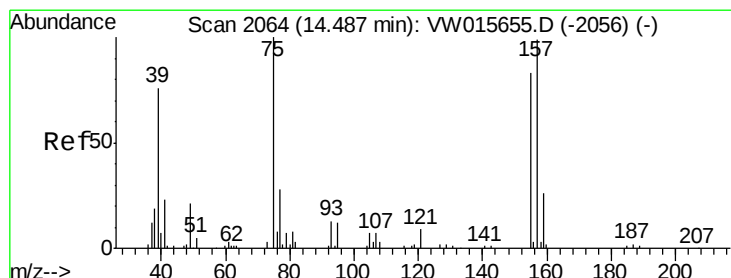
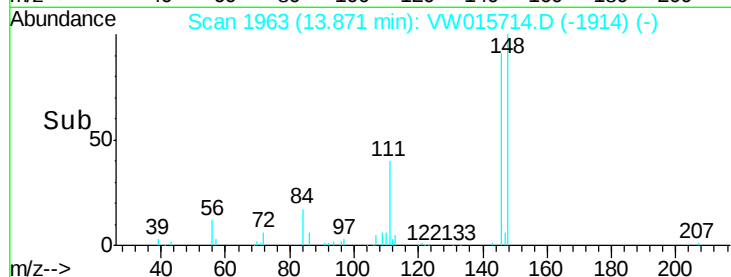
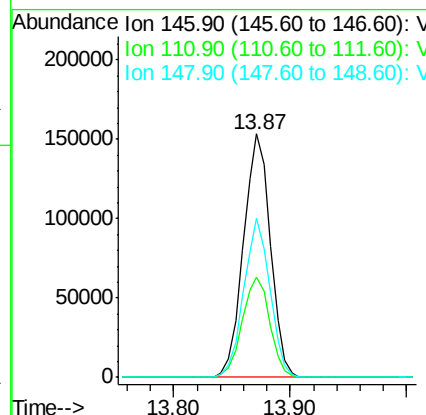
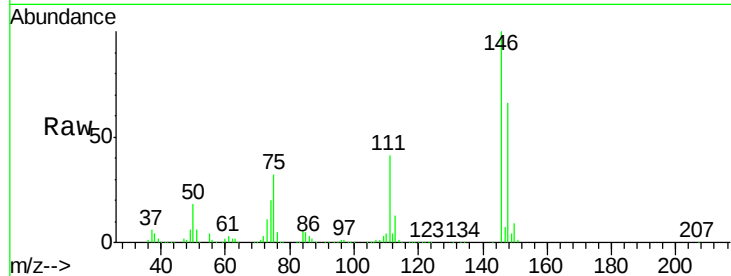
#91
 1,2-Dichlorobenzene
 Concen: 51.830 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.7
148	63.3	32.2	96.6

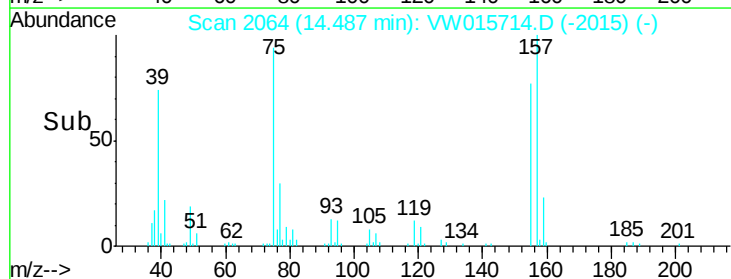
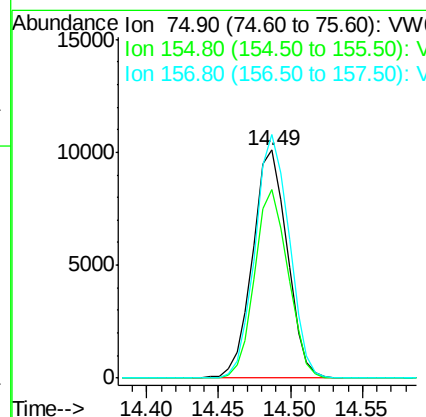
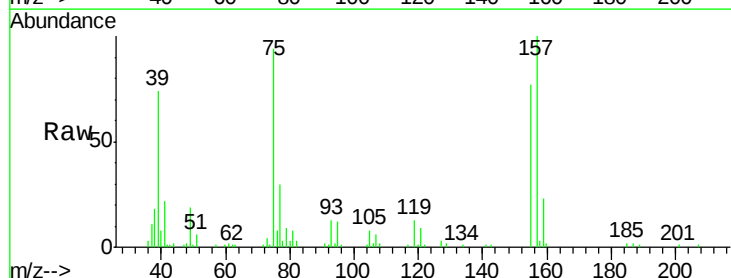
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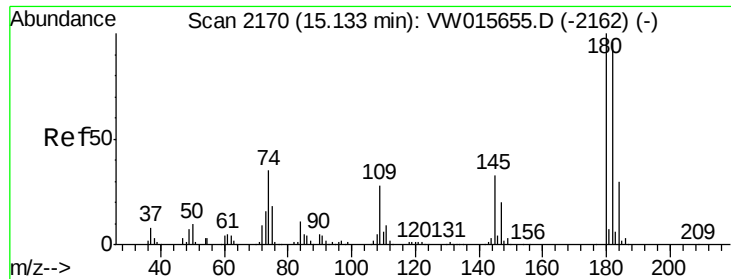
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.369 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.5	40.8	122.2
157	105.0	50.7	152.1





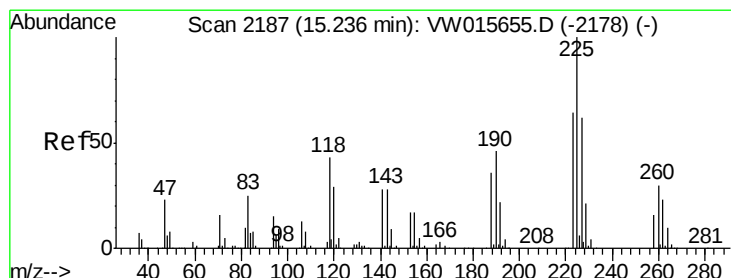
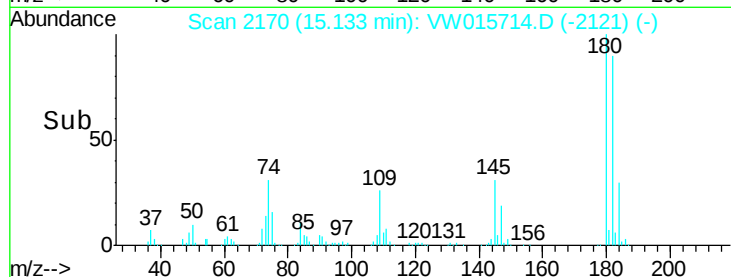
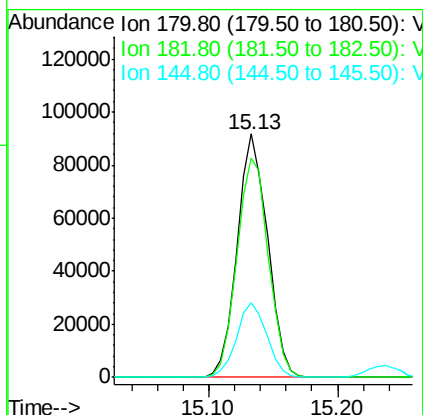
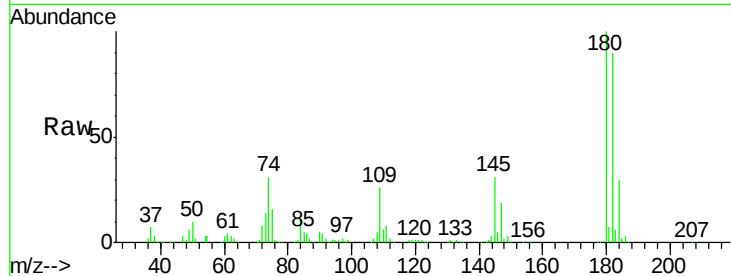
#93
1,2,4-Trichlorobenzene
Concen: 47.346 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.9	143.6
145	30.8	15.6	46.7

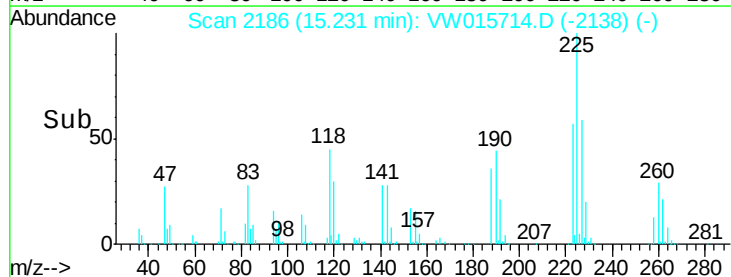
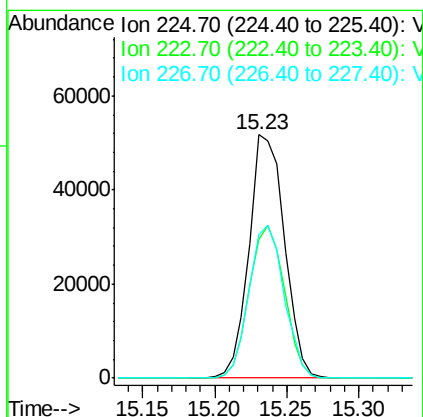
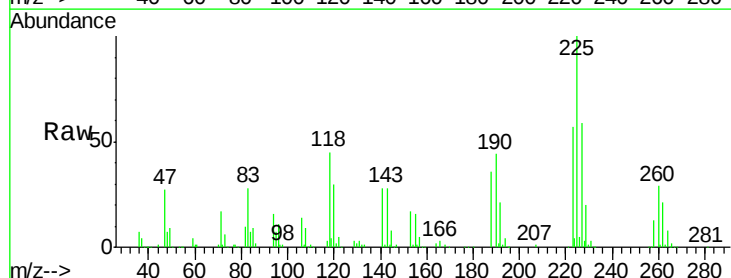
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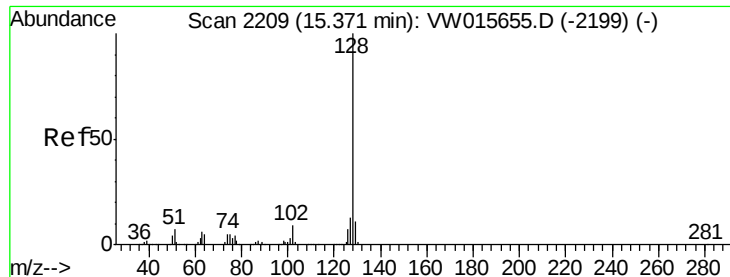
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#94
Hexachlorobutadiene
Concen: 43.717 ug/l
RT: 15.23 min Scan# 2186
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.0	93.0
227	62.4	31.9	95.9





#95

Naphthalene

Concen: 52.835 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

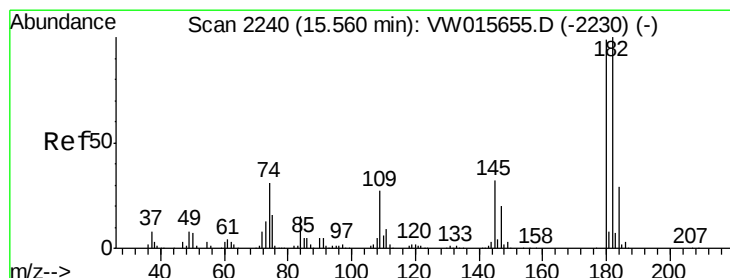
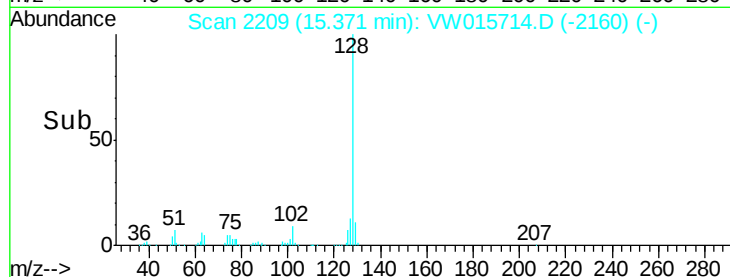
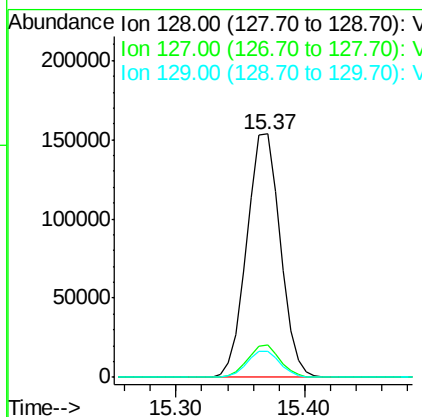
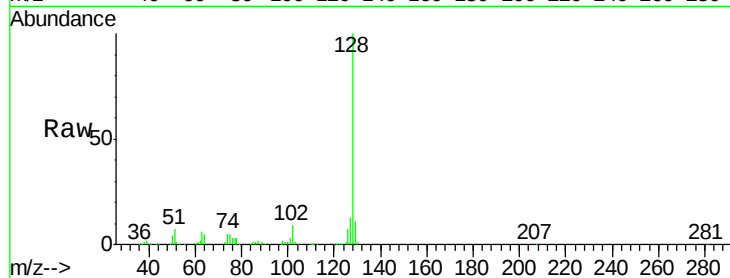
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	275923
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.7	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 47.152 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Tgt Ion:	180	Resp:	128184
Ion Ratio	Lower	Upper	
180	100		
182	97.6	49.0	147.0
145	32.9	16.4	49.2

