

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062220\
 Data File : VW015645.D
 Acq On : 22 Jun 2020 13:24
 Operator : SY/VA
 Sample : VW0622SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 11:00:57 AM

Quant Time: Jun 23 06:36:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 13:57:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	333725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141162	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105071	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
35) Dibromofluoromethane	7.88	113	101014	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
50) Toluene-d8	10.32	98	417584	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.62	95	141023	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24786	20.164	ug/l	98
3) Chloromethane	2.21	50	30804	20.390	ug/l	98
4) Vinyl Chloride	2.37	62	49047	20.831	ug/l	98
5) Bromomethane	2.78	94	35936	21.649	ug/l	100
6) Chloroethane	2.93	64	31713	20.807	ug/l	97
7) Trichlorofluoromethane	3.26	101	37003	21.059	ug/l	99
8) Diethyl Ether	3.68	74	17675	16.586	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42069	19.679	ug/l	98
10) Methyl Iodide	4.26	142	58947	18.675	ug/l	100
11) Tert butyl alcohol	5.20	59	11190m	46.540	ug/l	
12) 1,1-Dichloroethene	4.04	96	41619	19.562	ug/l	99
13) Acrolein	3.90	56	11483	80.885	ug/l	100
14) Allyl chloride	4.67	41	65518	18.106	ug/l	97
15) Acrylonitrile	5.37	53	32560	73.895	ug/l	98
16) Acetone	4.13	43	32314	60.443	ug/l	99
17) Carbon Disulfide	4.38	76	121216	19.077	ug/l	99
18) Methyl Acetate	4.67	43	15751	15.102	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	54528	16.515	ug/l	99
20) Methylene Chloride	4.92	84	47588	19.549	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	46083	19.144	ug/l	100
22) Diisopropyl ether	6.32	45	120738	17.657	ug/l	100
23) Vinyl Acetate	6.26	43	318866	78.647	ug/l	100
24) 1,1-Dichloroethane	6.21	63	81825	18.991	ug/l	100
25) 2-Butanone	7.18	43	45644	73.125	ug/l	97
26) 2,2-Dichloropropane	7.17	77	57691	19.064	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	48013	18.337	ug/l	96
28) Bromochloromethane	7.51	49	30217	18.687	ug/l	100
29) Tetrahydrofuran	7.54	42	27120	73.286	ug/l	97
30) Chloroform	7.68	83	80819	18.685	ug/l	100
31) Cyclohexane	7.96	56	80249	19.073	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	74210	19.865	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69380	20.547	ug/l	99
37) Ethyl Acetate	7.26	43	20622	15.736	ug/l	99
38) Carbon Tetrachloride	8.07	117	68111	20.603	ug/l	99

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Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 11:00:57 AM

Quant Time: Jun 23 06:36:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 13:57:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83646	20.087	ug/l	96
40) Benzene	8.32	78	180736	19.835	ug/l	100
41) Methacrylonitrile	7.48	41	11746	15.605	ug/l	92
42) 1,2-Dichloroethane	8.40	62	50526	18.168	ug/l	99
43) Isopropyl Acetate	8.43	43	42398	16.286	ug/l	98
44) Trichloroethene	9.09	130	49998	20.563	ug/l	94
45) 1,2-Dichloropropane	9.37	63	42158	18.967	ug/l	97
46) Dibromomethane	9.46	93	20265	17.859	ug/l	99
47) Bromodichloromethane	9.65	83	56301	18.336	ug/l	99
48) Methyl methacrylate	9.44	41	18637	15.661	ug/l	97
49) 1,4-Dioxane	9.46	88	4552	283.047	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	98105	79.315	ug/l	99
52) Toluene	10.39	92	116502	19.821	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	49615	16.393	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	62373	17.488	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	27702	17.490	ug/l	97
56) Ethyl methacrylate	10.65	69	32229	15.643	ug/l	98
57) 1,3-Dichloropropane	10.93	76	48409	17.259	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	85460	86.754	ug/l	100
59) 2-Hexanone	10.97	43	65914	77.042	ug/l	99
60) Dibromochloromethane	11.13	129	32256	16.690	ug/l	98
61) 1,2-Dibromoethane	11.24	107	25827	17.038	ug/l	100
64) Tetrachloroethene	10.87	164	41424	20.781	ug/l	87
65) Chlorobenzene	11.66	112	117452	19.368	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	39995	18.454	ug/l	100
67) Ethyl Benzene	11.73	91	225715	19.781	ug/l	99
68) m/p-Xylenes	11.84	106	168667	39.561	ug/l	99
69) o-Xylene	12.17	106	75650	19.048	ug/l	98
70) Styrene	12.18	104	125065	18.437	ug/l	99
71) Bromoform	12.35	173	16300	15.648	ug/l #	99
73) Isopropylbenzene	12.47	105	219369	20.325	ug/l	99
74) N-amyl acetate	12.27	43	38506	16.621	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	29495	17.735	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	16650m	13.987	ug/l	
77) Bromobenzene	12.75	156	45090	19.347	ug/l	96
78) n-propylbenzene	12.80	91	265079	20.557	ug/l	100
79) 2-Chlorotoluene	12.90	91	144953	19.804	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	185583	20.404	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	8289	14.999	ug/l	92
82) 4-Chlorotoluene	12.99	91	152588	20.193	ug/l	99
83) tert-Butylbenzene	13.21	119	156881	20.211	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	183547	20.194	ug/l	100
85) sec-Butylbenzene	13.38	105	230800	21.069	ug/l	99
86) p-Isopropyltoluene	13.50	119	201755	20.107	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	92914	20.096	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	90974	19.749	ug/l	96
89) n-Butylbenzene	13.82	91	198946	20.655	ug/l	99
90) Hexachloroethane	14.10	117	35809	19.400	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	75382	18.673	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4437	15.475	ug/l	97

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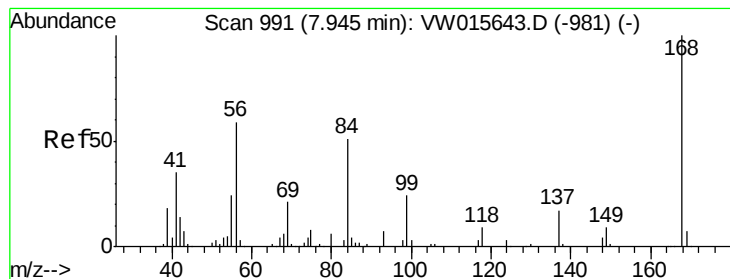
Manual Integrations
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MMDadoda
6/23/2020 11:00:57 AM

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	47664	17.188	ug/l	99
94) Hexachlorobutadiene	15.24	225	32669	19.318	ug/l	99
95) Naphthalene	15.37	128	71316	15.206	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	38650	16.546	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

Tot Ion:168 Resp: 220039

Ion Ratio Lower Upper

168 100

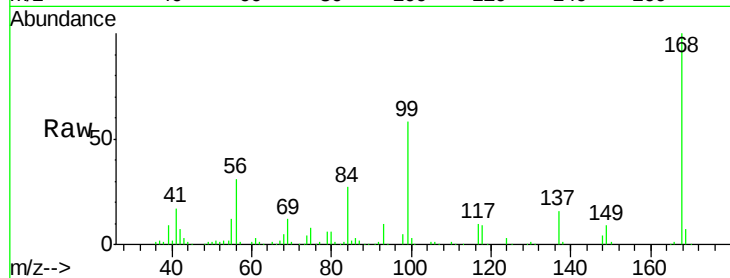
99 58.1 48.6 73.0

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

120000

100000

80000

60000

40000

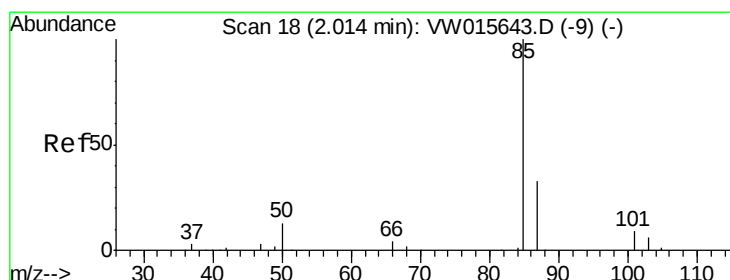
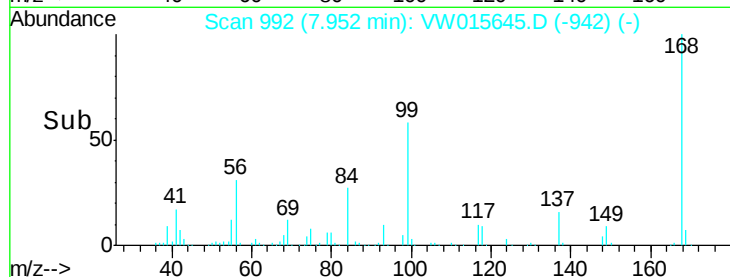
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.164 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015645.D

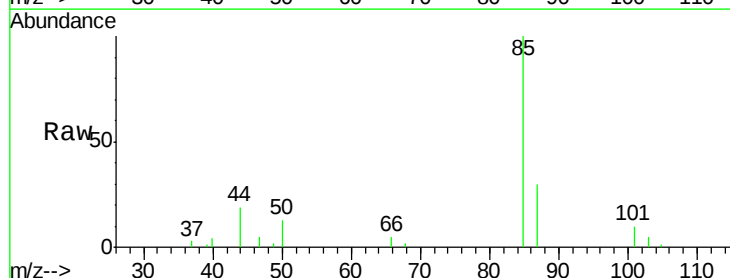
Acq: 22 Jun 2020 13:24

Tgt Ion: 85 Resp: 24786

Ion Ratio Lower Upper

85 100

87 29.6 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

8000

6000

4000

2000

0

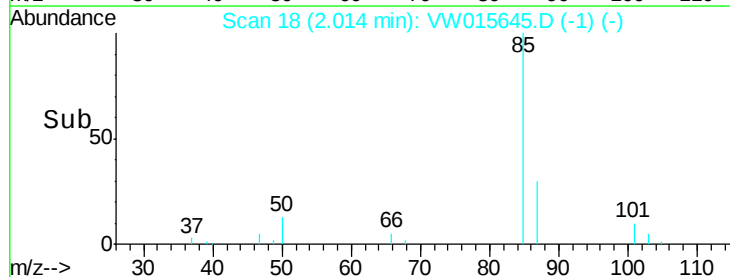
1.90

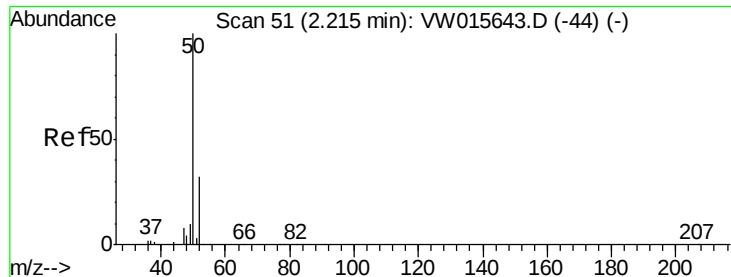
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 20.390 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

Tot Ion: 50 Resp: 30804

Ion Ratio Lower Upper

50 100

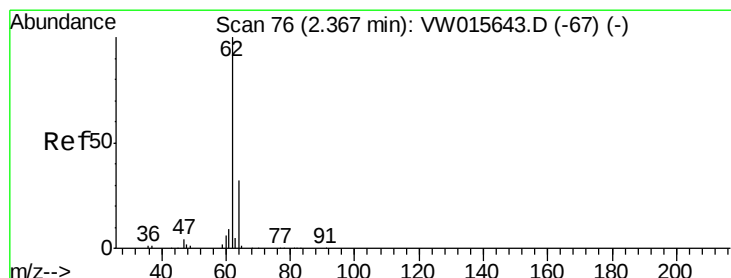
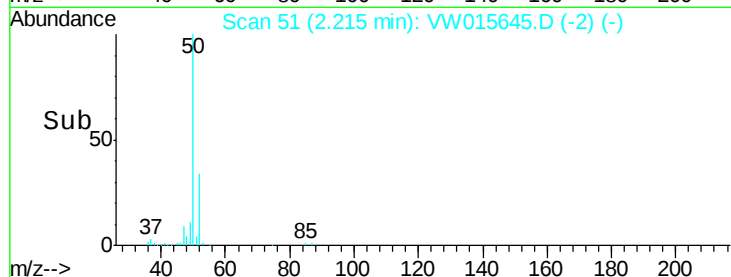
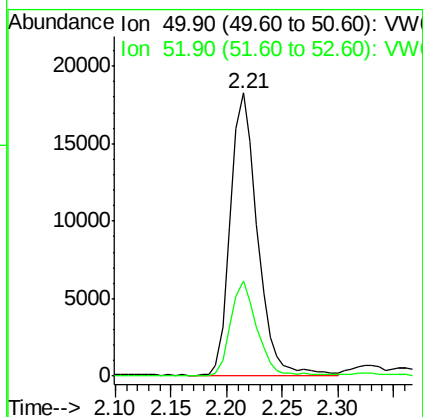
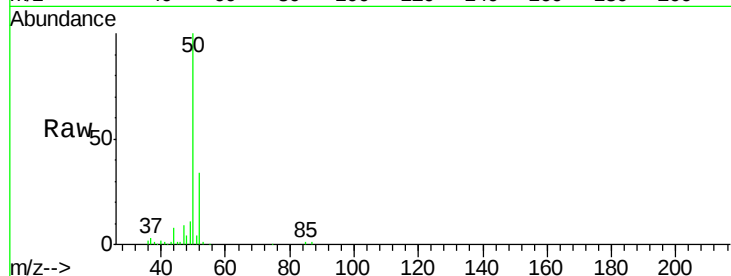
52 33.9 26.0 39.0

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#4

Vinyl Chloride

Concen: 20.831 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015645.D

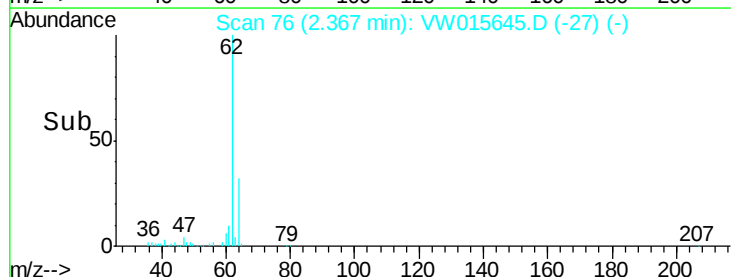
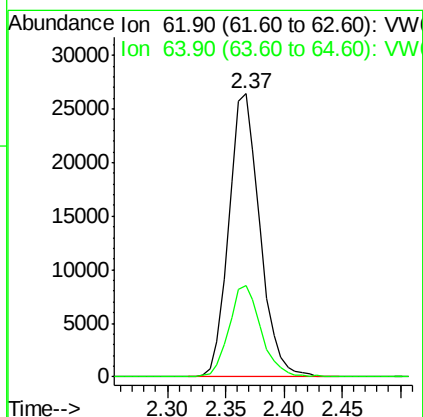
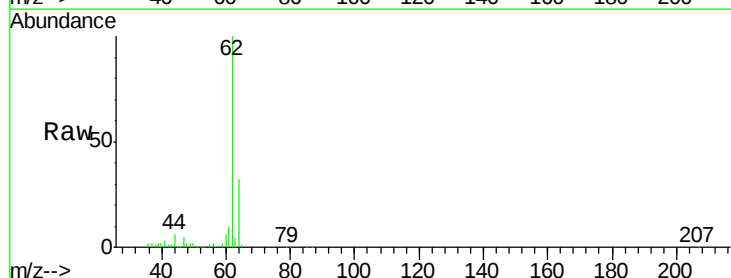
Acq: 22 Jun 2020 13:24

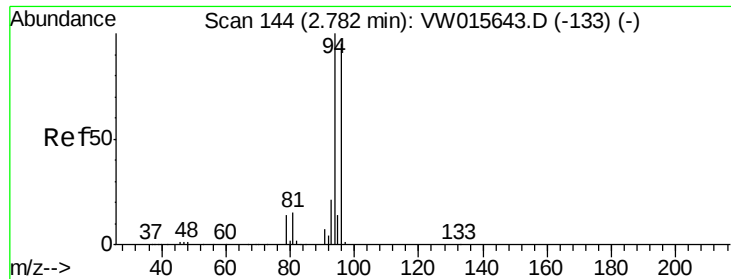
Tgt Ion: 62 Resp: 49047

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.4





#5

Bromomethane

Concen: 21.649 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

Tot Ion: 94 Resp: 35936

Ion Ratio Lower Upper

94 100

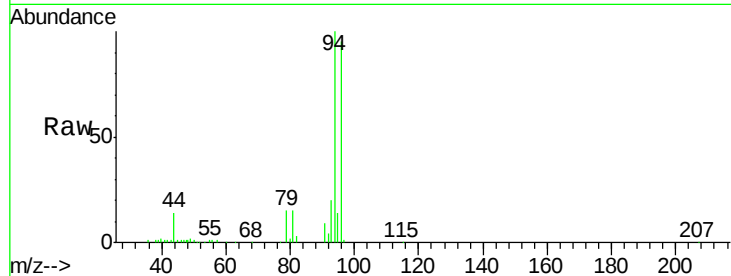
96 95.3 76.0 114.0

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

15000

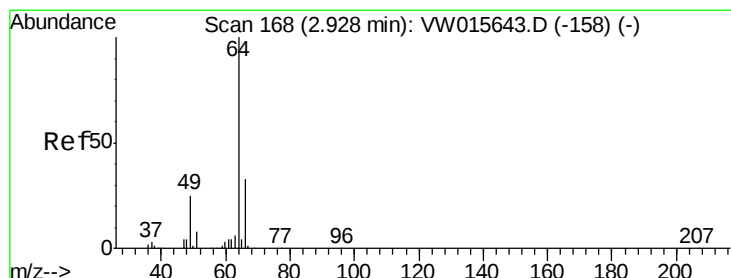
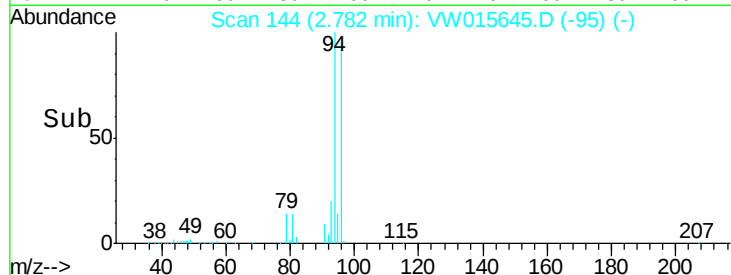
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5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 20.807 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015645.D

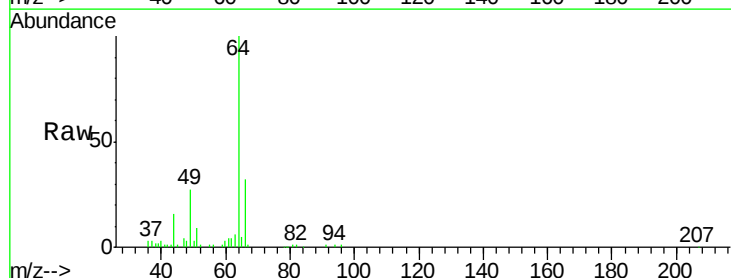
Acq: 22 Jun 2020 13:24

Tgt Ion: 64 Resp: 31713

Ion Ratio Lower Upper

64 100

66 31.8 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

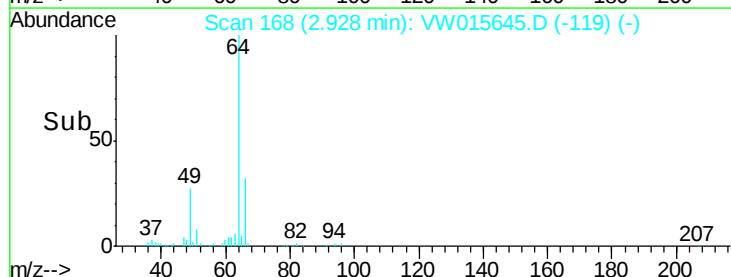
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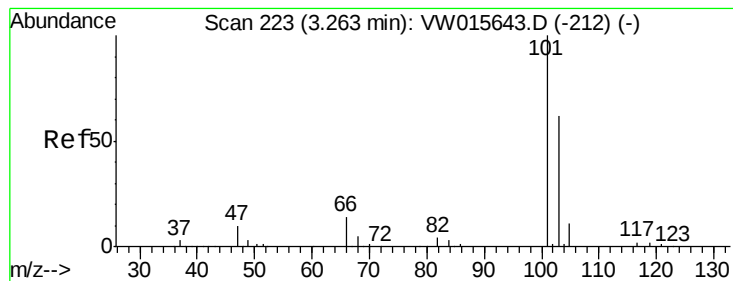
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Time-->

2.80 2.90 3.00





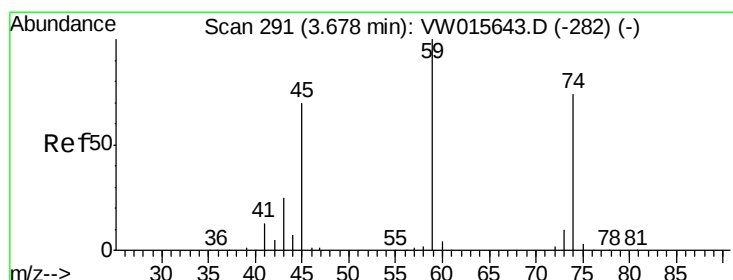
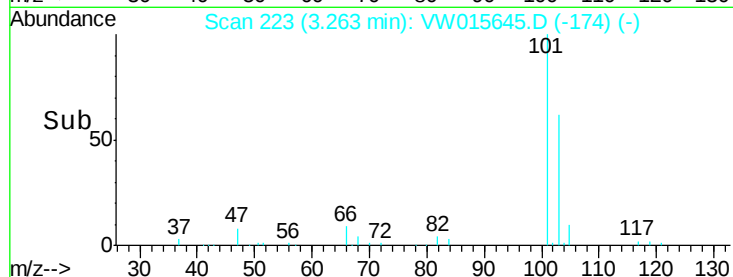
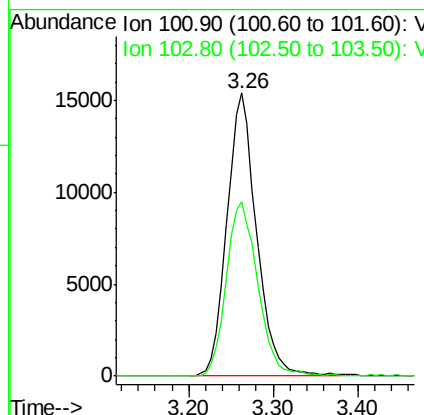
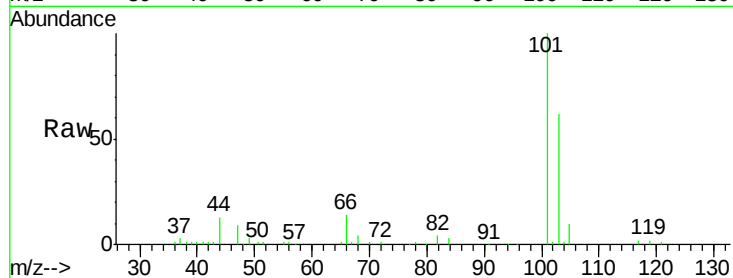
#7
 Trichlorofluoromethane
 Concen: 21.059 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Tot Ion:101 Resp: 37003
 Ion Ratio Lower Upper
 101 100
 103 61.9 50.2 75.2

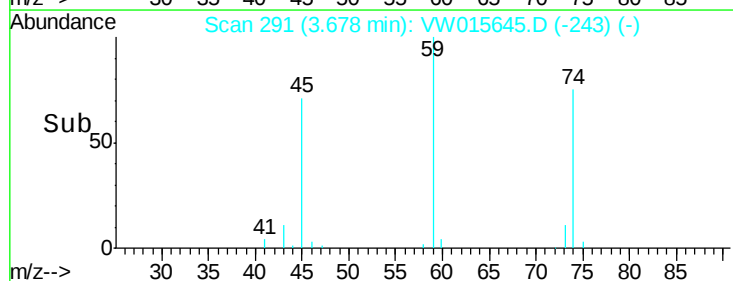
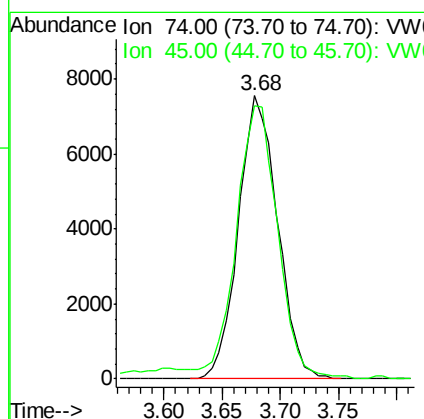
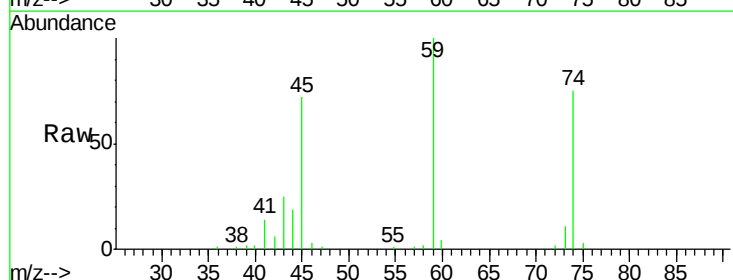
Manual Integrations
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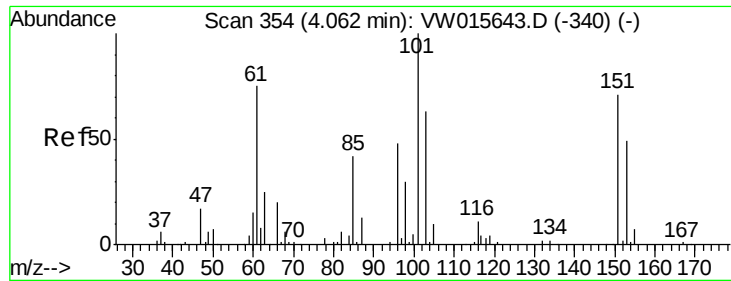
MMDadoda
 6/23/2020 11:00:57 AM



#8
 Diethyl Ether
 Concen: 16.586 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion: 74 Resp: 17675
 Ion Ratio Lower Upper
 74 100
 45 101.9 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.679 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

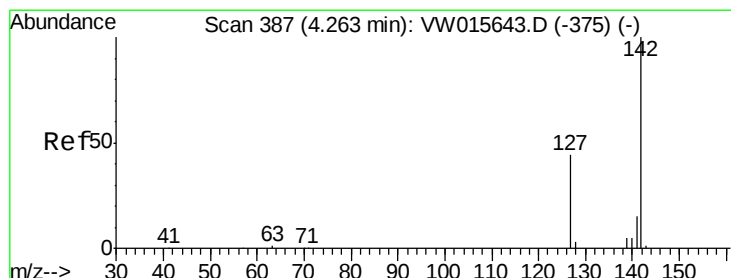
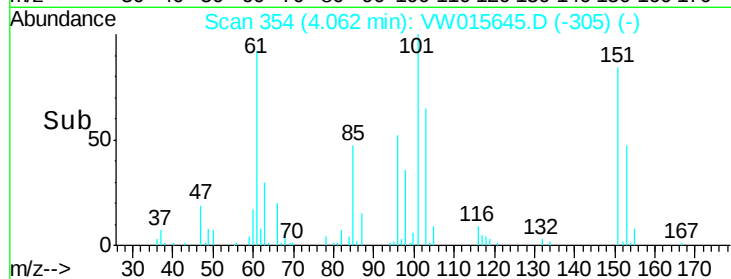
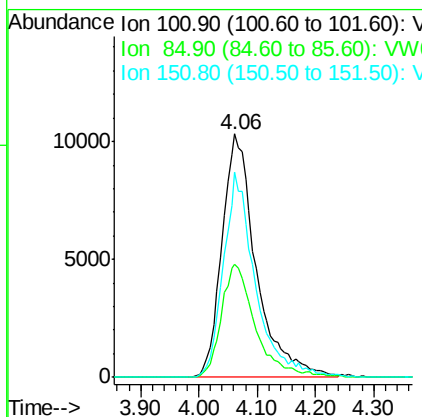
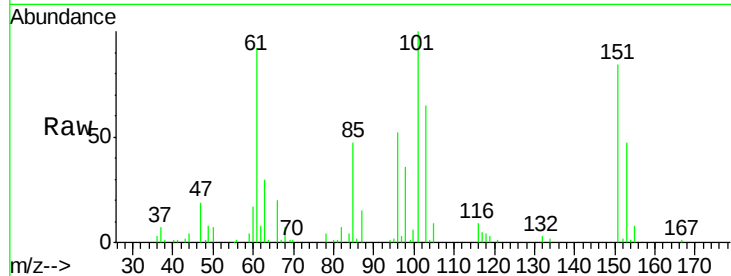
ClientSampleId :

VW0622SBS01

Tot Ion:	101	Resp:	42069
Ion Ratio	Lower	Upper	
101	100		
85	46.3	37.0	55.6
151	79.0	61.1	91.7

Manual Integrations
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#10

Methyl Iodide

Concen: 18.675 ug/l

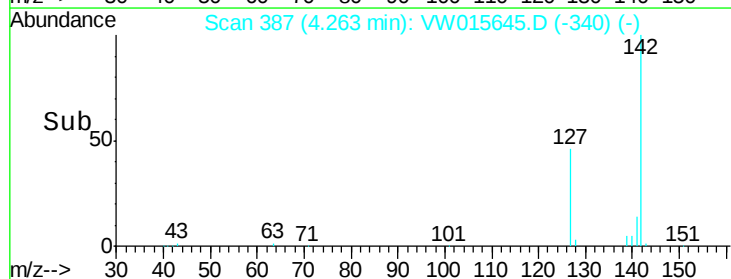
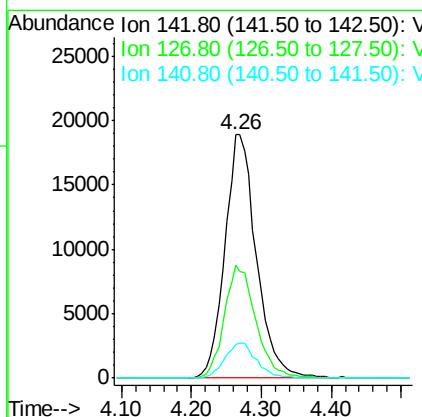
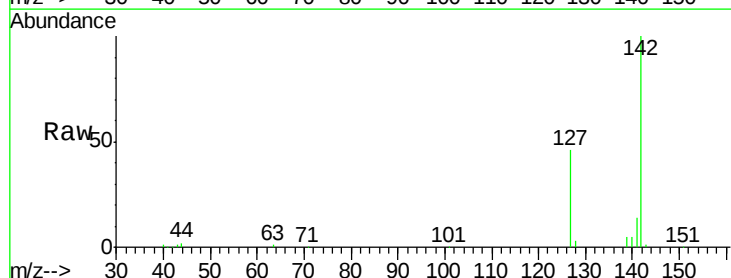
RT: 4.26 min Scan# 387

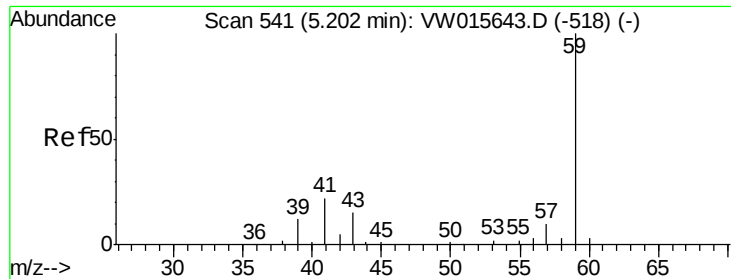
Delta R.T. -0.01 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Tgt Ion:	142	Resp:	58947
Ion Ratio	Lower	Upper	
142	100		
127	46.3	36.9	55.3
141	14.3	11.7	17.5





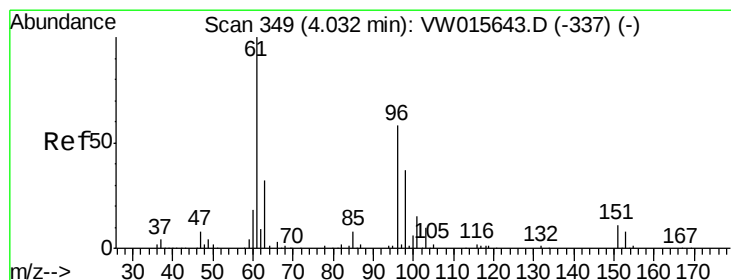
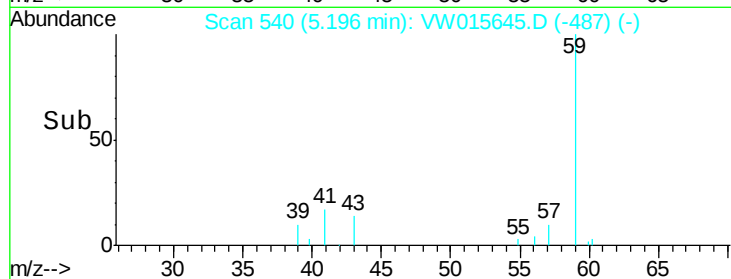
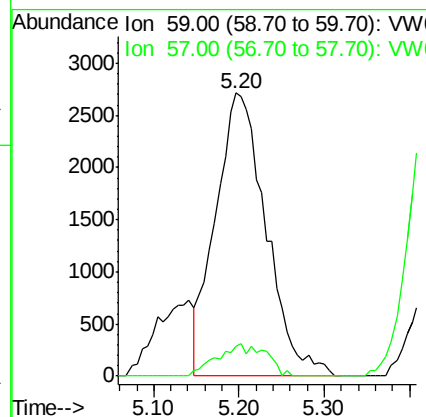
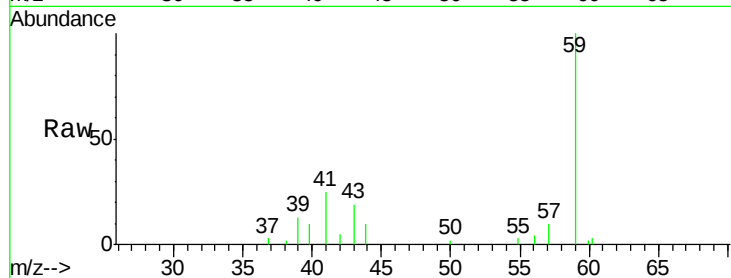
#11
Tert butyl alcohol
Concen: 46.540 ug/l m
RT: 5.20 min Scan# 540
Delta R.T. 0.02 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.3	12.5

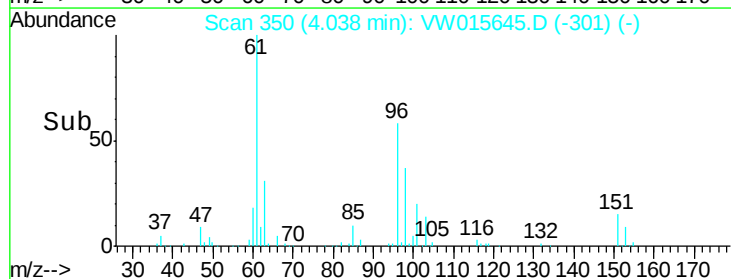
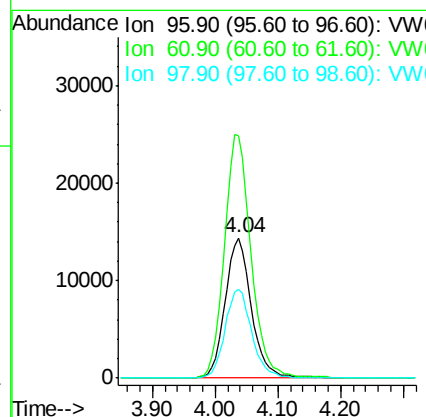
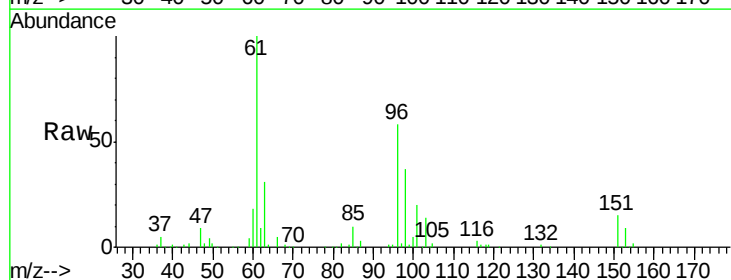
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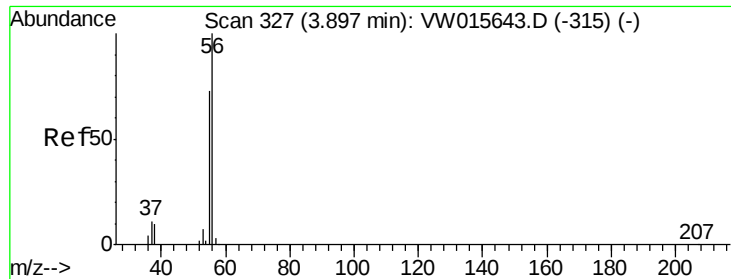
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#12
1,1-Dichloroethene
Concen: 19.562 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.7	138.3	207.5
98	63.5	52.2	78.4





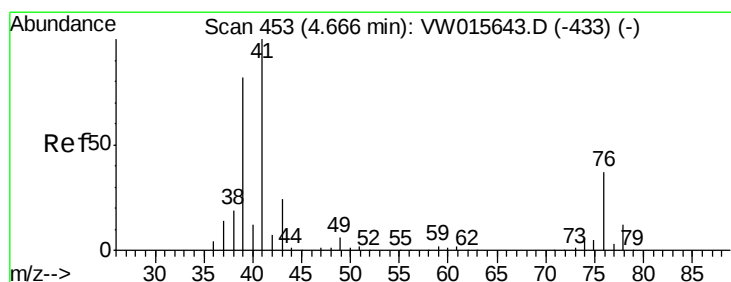
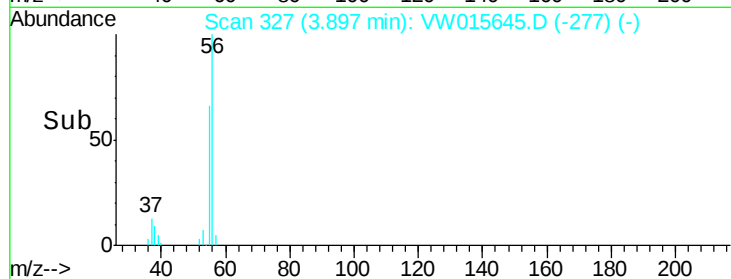
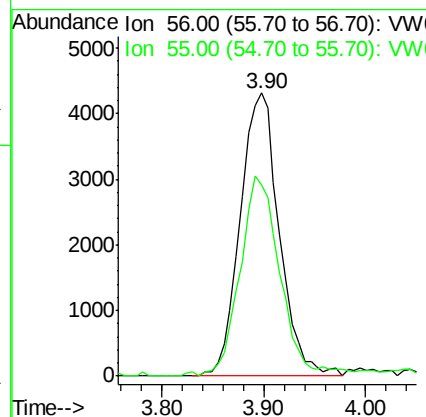
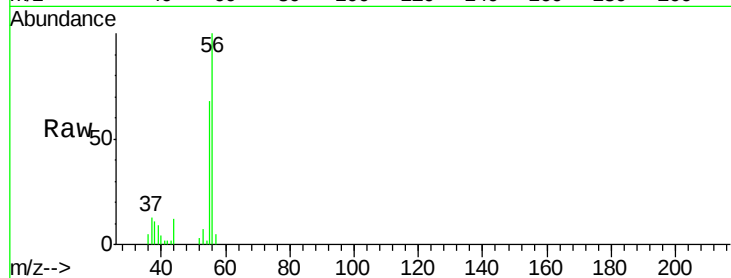
#13
Acrolein
Concen: 80.885 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion	56	Resp	11483
Ion Ratio	100	Lower	Upper
55	70.5	56.5	84.7

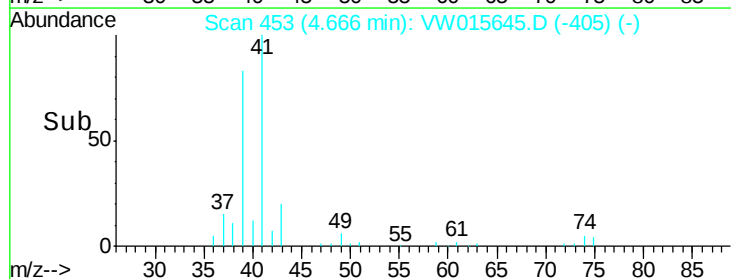
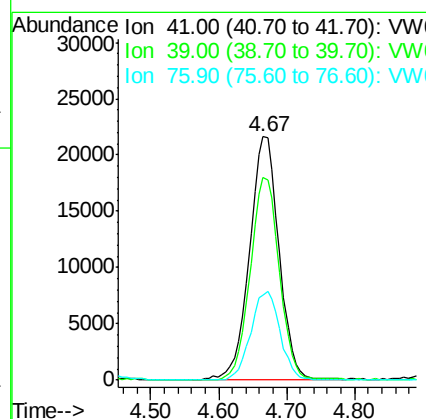
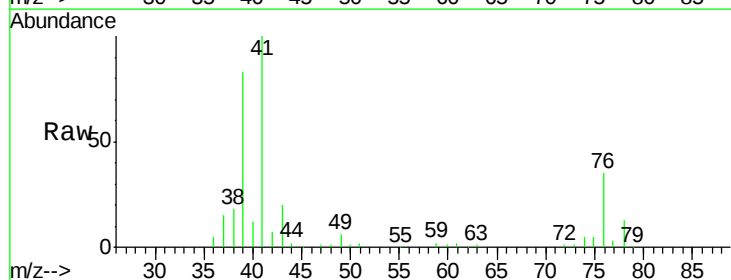
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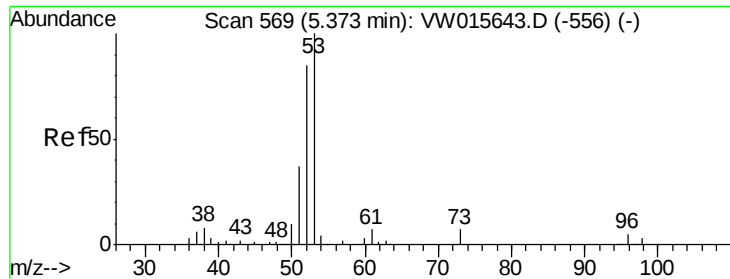
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#14
Allyl chloride
Concen: 18.106 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	41	Resp	65518
Ion Ratio	100	Lower	Upper
39	82.0	63.1	94.7
76	36.1	28.6	43.0





#15

Acrylonitrile

Concen: 73.895 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

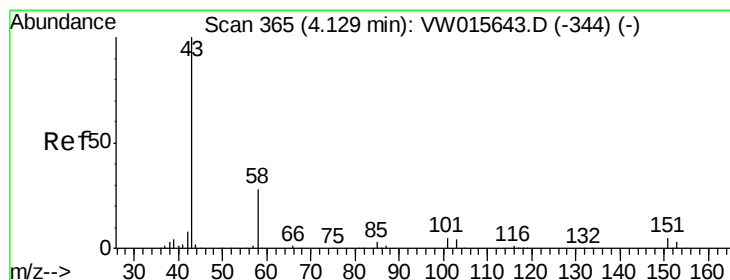
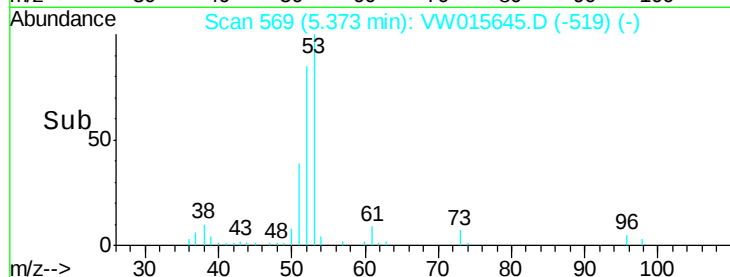
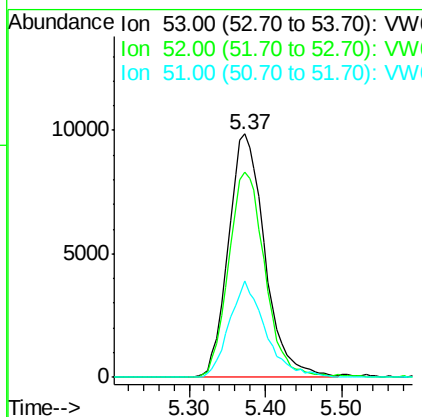
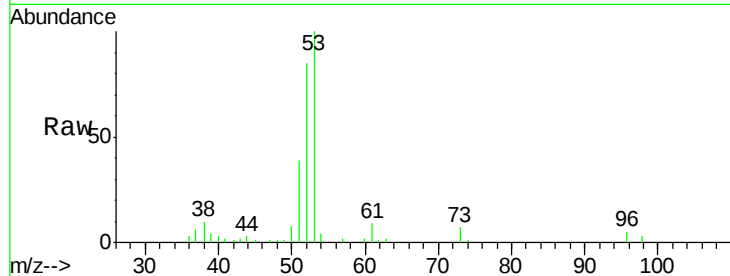
ClientSampleId :

VW0622SBS01

Tot Ion:	53	Resp:	32560
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.1	99.1
51	39.3	30.2	45.4

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#16

Acetone

Concen: 60.443 ug/l

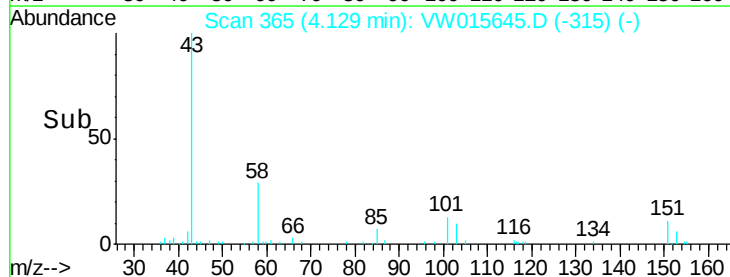
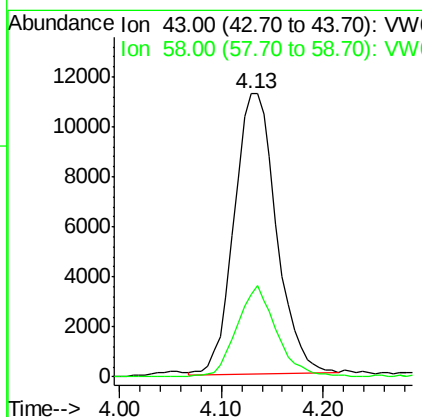
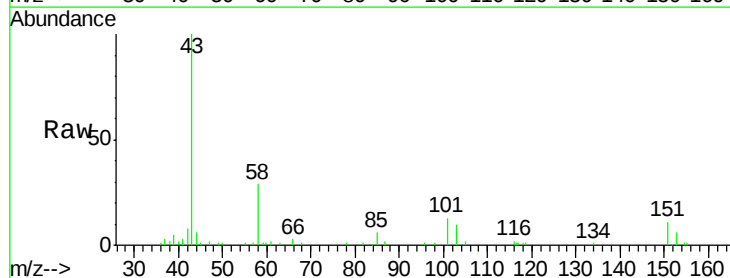
RT: 4.13 min Scan# 365

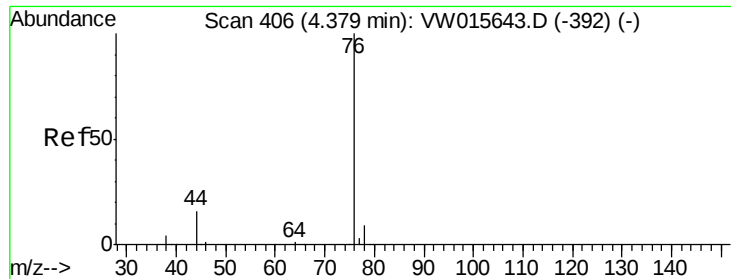
Delta R.T. 0.01 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Tgt Ion:	43	Resp:	32314
Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.1	34.7





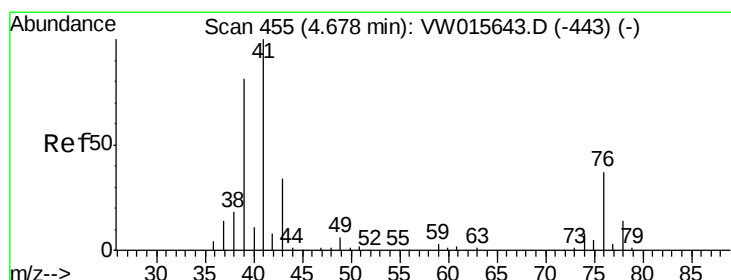
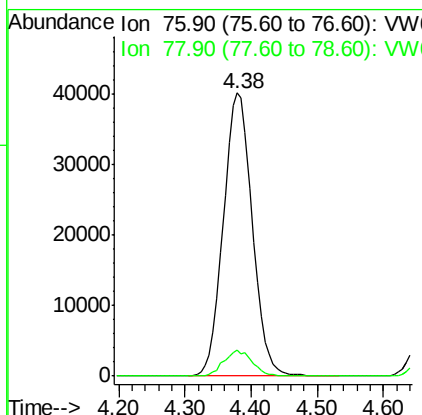
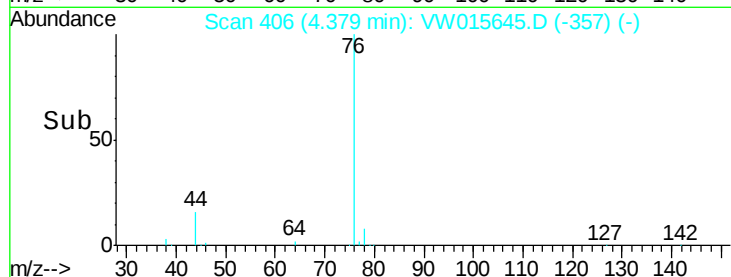
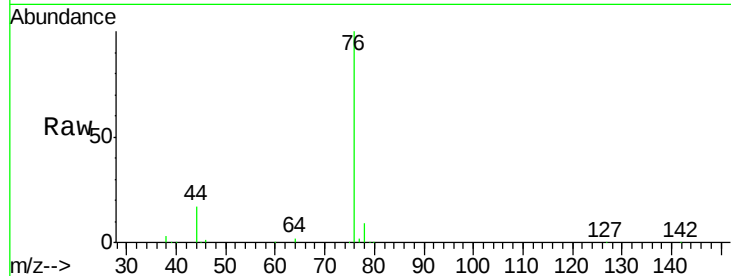
#17
Carbon Disulfide
Concen: 19.077 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampled :
VW0622SBS01

Tot Ion: 76 Resp: 121216
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

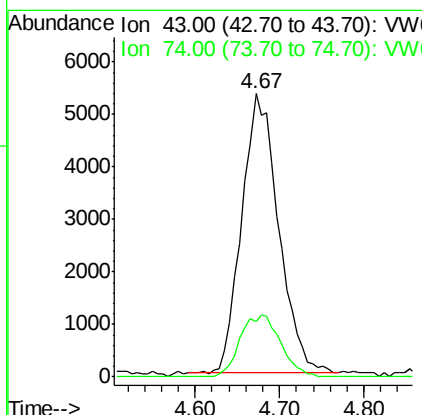
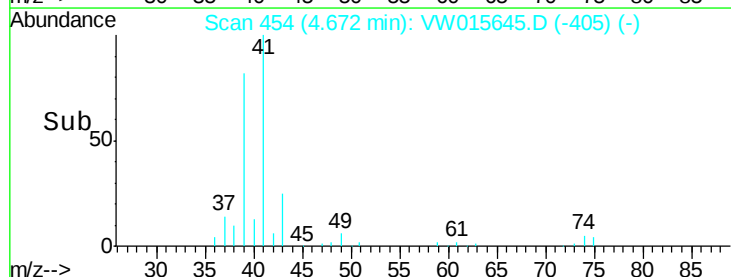
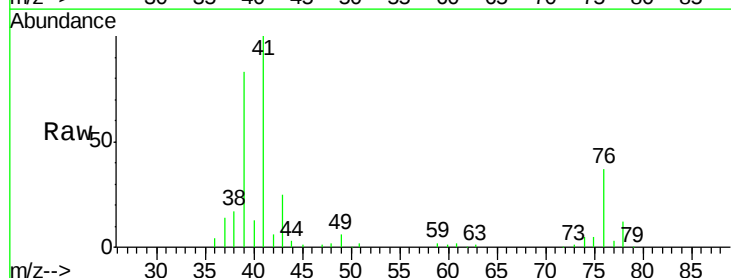
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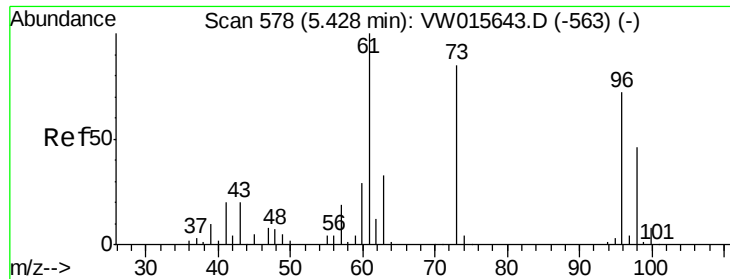
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#18
Methyl Acetate
Concen: 15.102 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 43 Resp: 15751
Ion Ratio Lower Upper
43 100
74 24.3 18.8 28.2





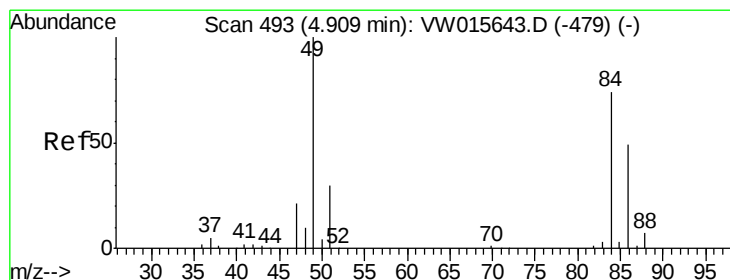
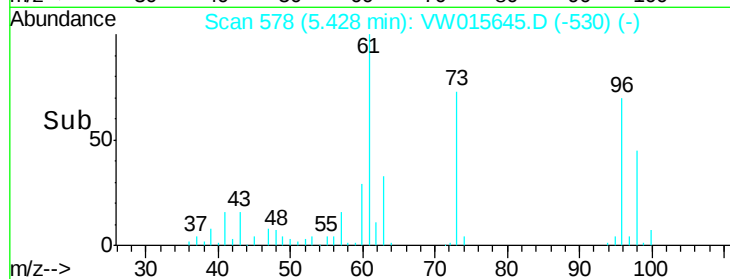
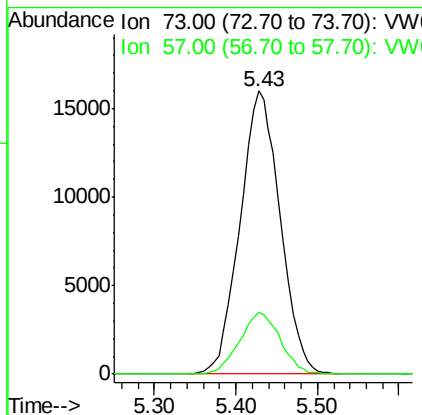
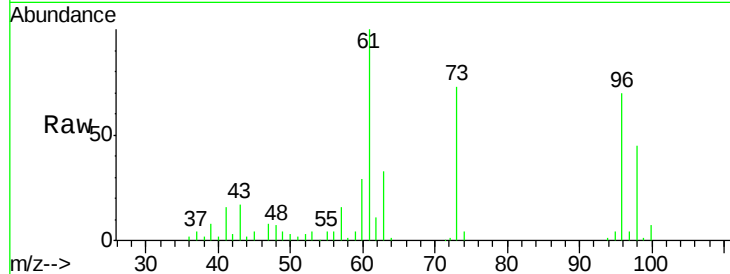
#19
Methyl tert-butyl Ether
Concen: 16.515 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion: 73 Resp: 54528
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7

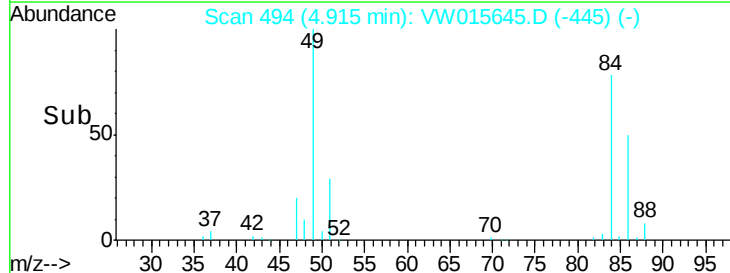
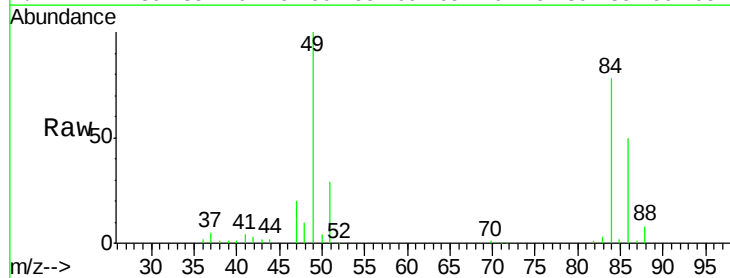
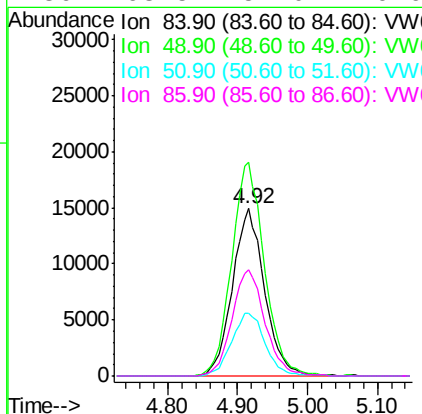
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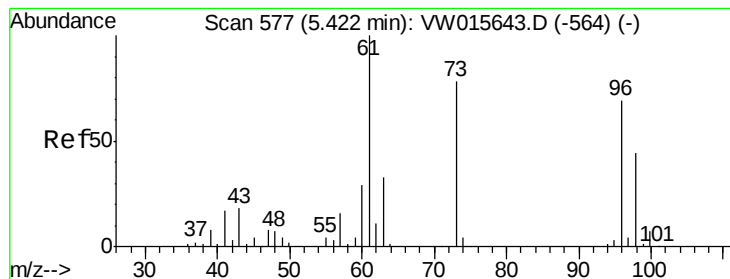
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#20
Methylene Chloride
Concen: 19.549 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 84 Resp: 47588
Ion Ratio Lower Upper
84 100
49 127.4 102.8 154.2
51 37.1 31.4 47.2
86 63.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.144 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

Tot Ion: 96 Resp: 46083

Ion Ratio Lower Upper

96 100

61 143.0 114.3 171.5

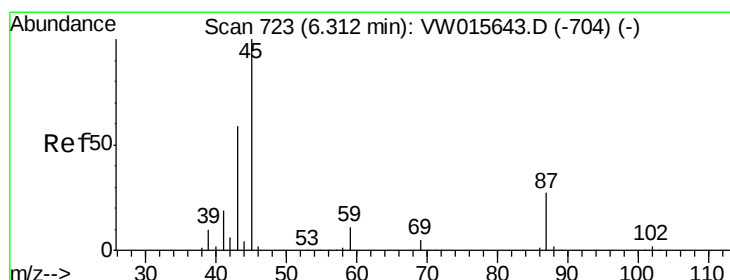
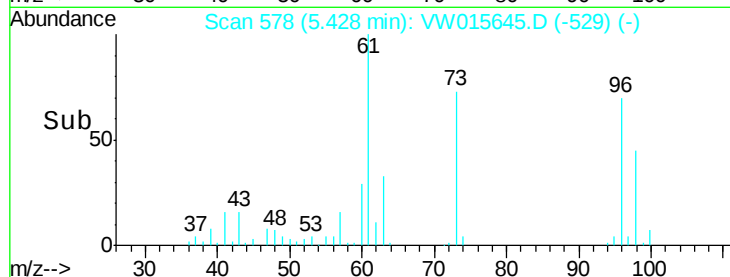
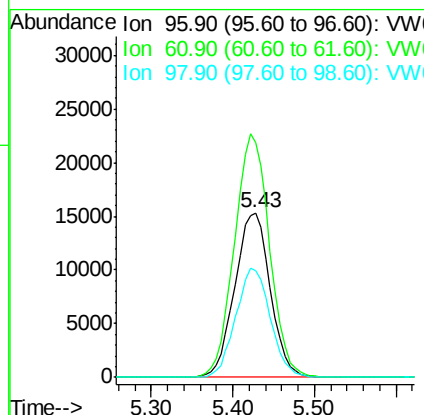
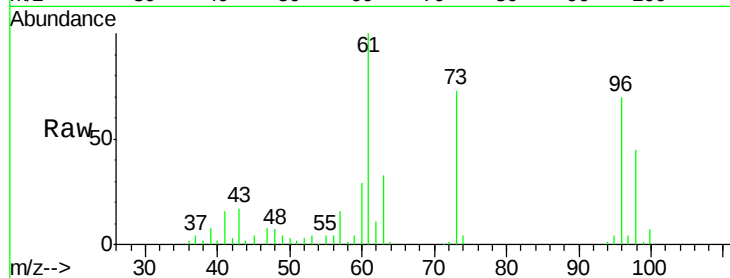
98 64.7 51.0 76.4

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#22

Diisopropyl ether

Concen: 17.657 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Tgt Ion: 45 Resp: 120738

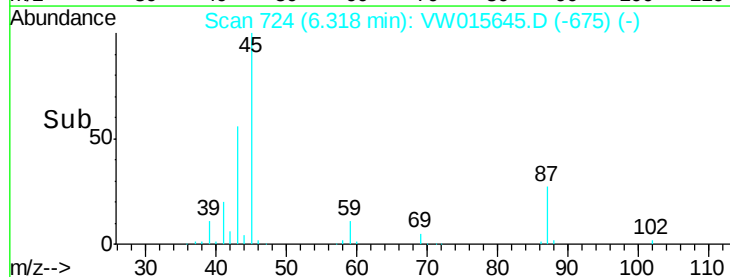
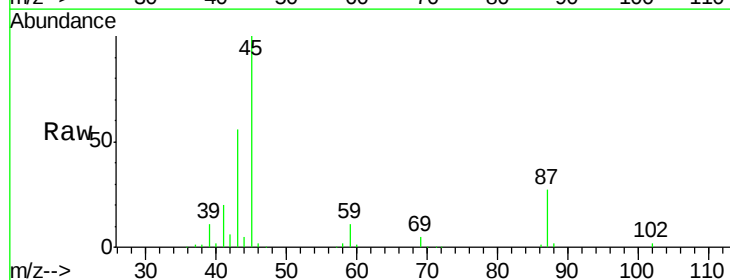
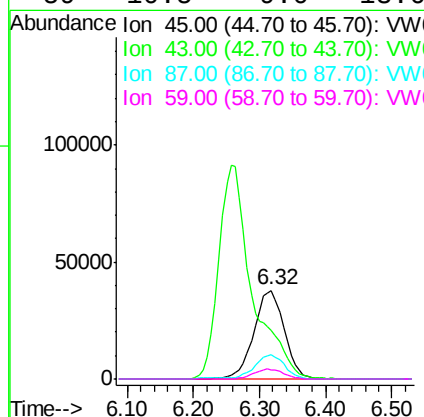
Ion Ratio Lower Upper

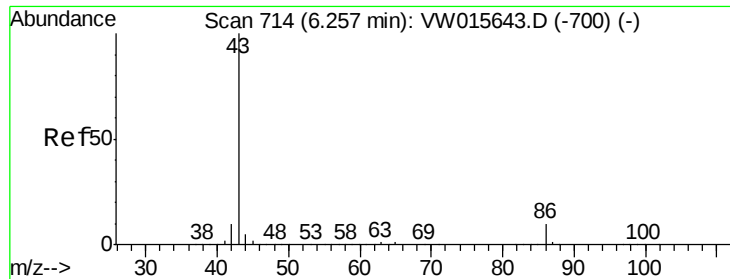
45 100

43 55.2 44.1 66.1

87 27.2 21.8 32.8

59 10.5 9.0 13.6





#23

Vinyl Acetate

Concen: 78.647 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleID :

VW0622SBS01

Tot Ion: 43 Resp: 318866

Ion Ratio Lower Upper

43 100

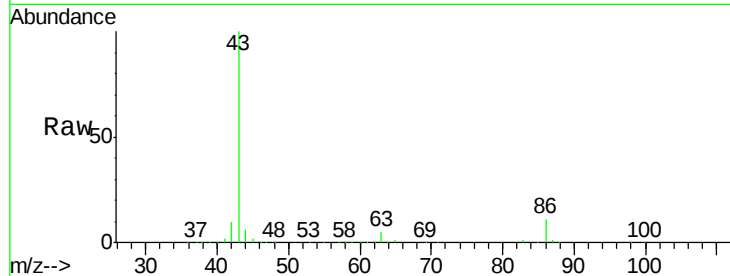
86 10.6 8.6 12.8

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

100000

80000

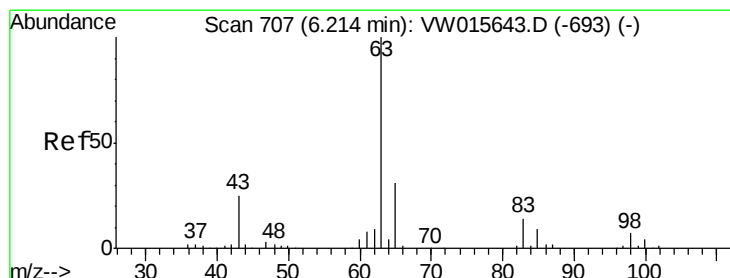
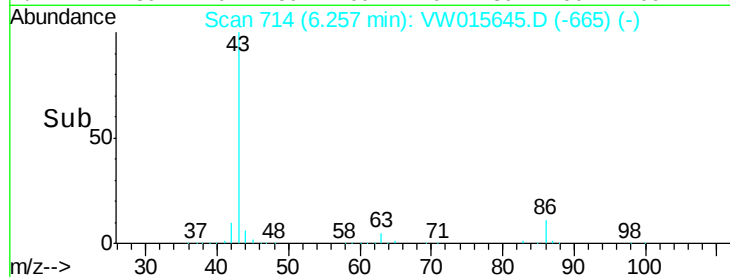
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.991 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

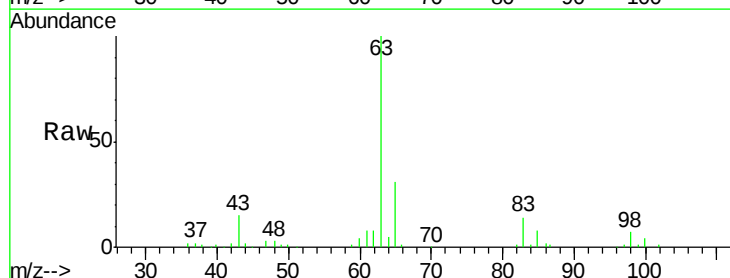
Tgt Ion: 63 Resp: 81825

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 4.3 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

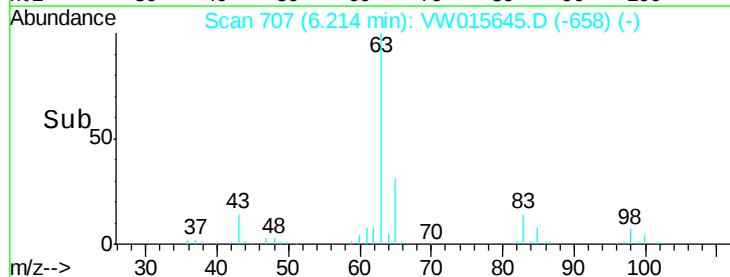
30000

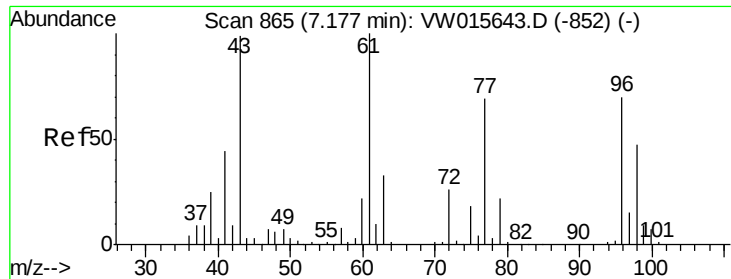
20000

10000

0

Time-->





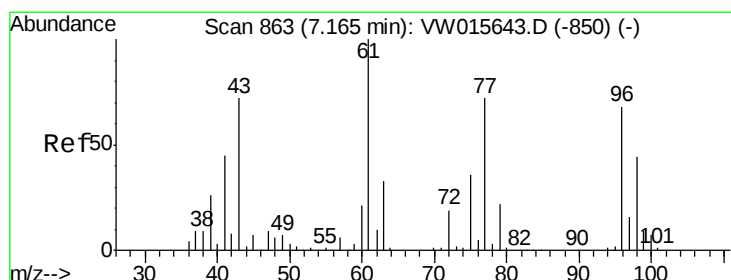
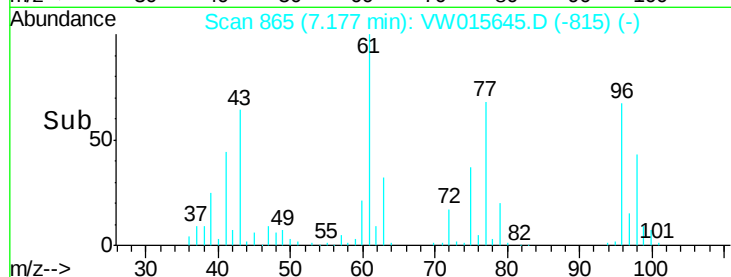
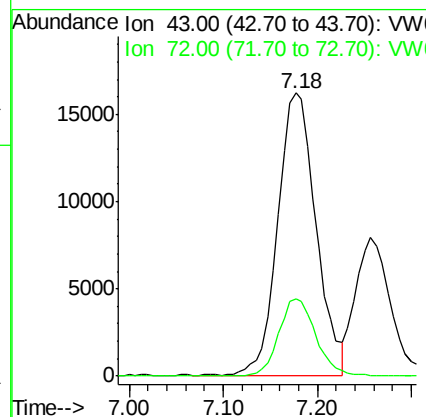
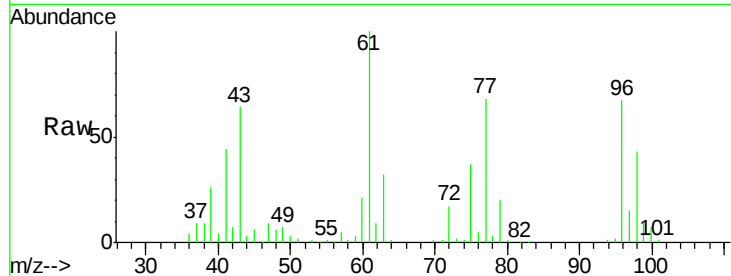
#25
2-Butanone
Concen: 73.125 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion: 43 Resp: 45644
Ion Ratio Lower Upper
43 100
72 27.5 21.0 31.4

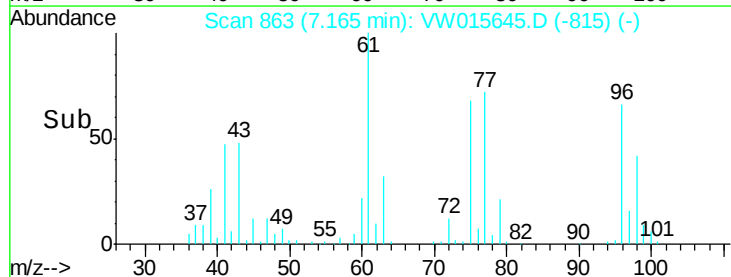
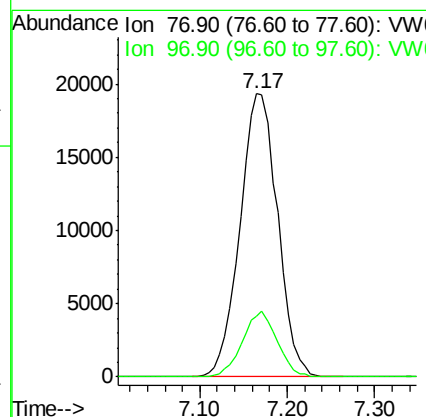
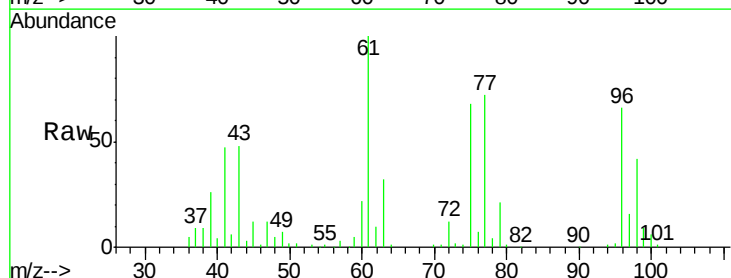
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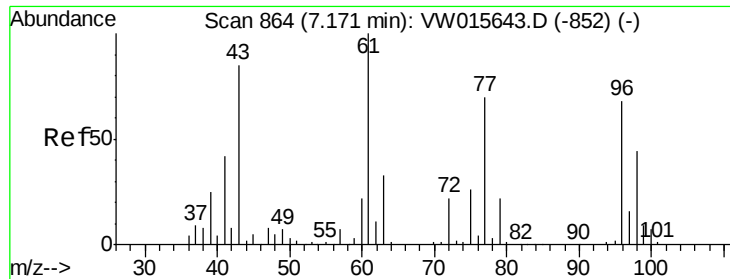
MMDadoda
6/23/2020 11:00:57 AM



#26
2,2-Dichloropropane
Concen: 19.064 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 77 Resp: 57691
Ion Ratio Lower Upper
77 100
97 21.3 11.1 33.3





#27

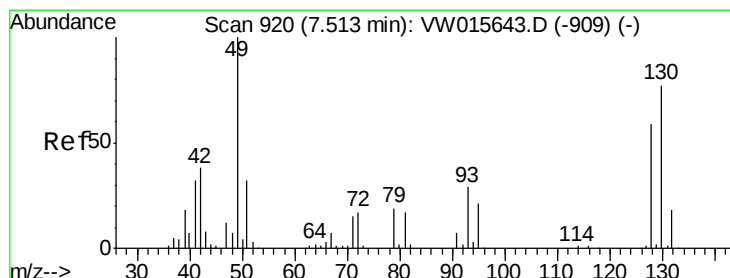
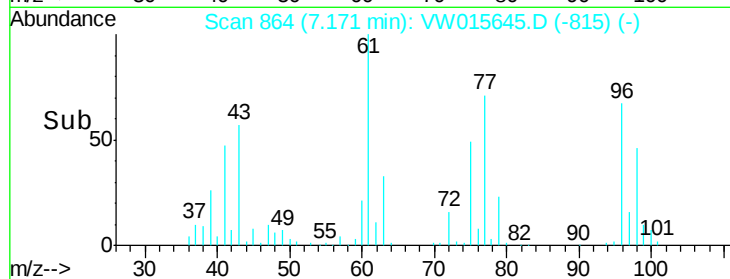
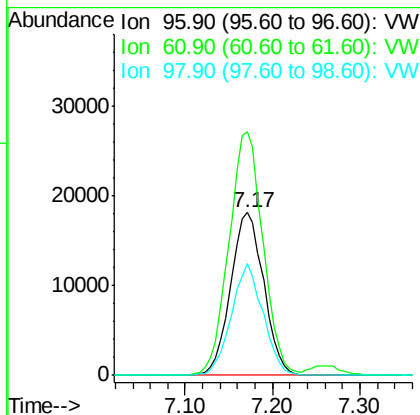
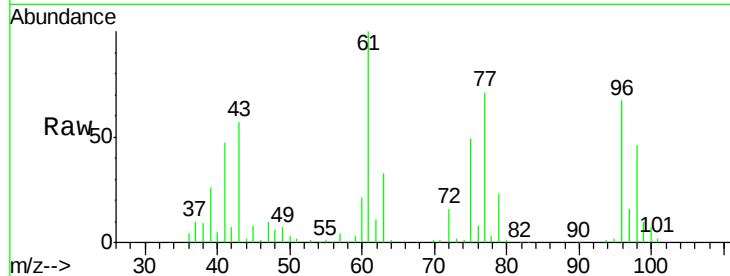
cis-1,2-Dichloroethene
Concen: 18.337 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.9	0.0	293.0
98	65.1	0.0	127.2

Manual Integrations
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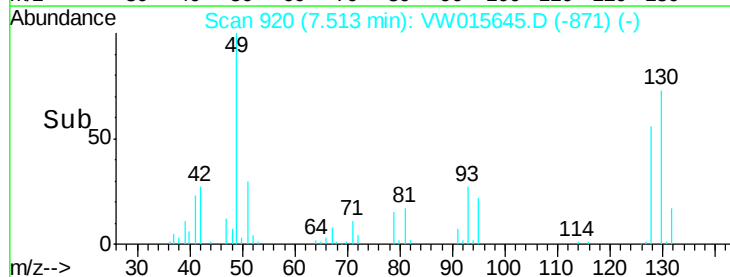
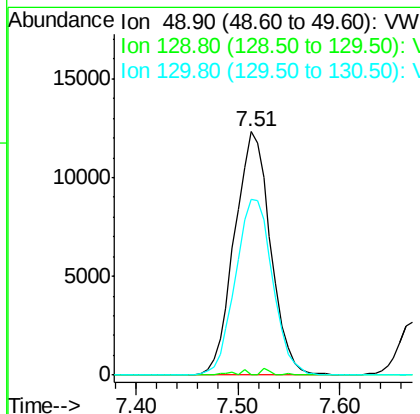
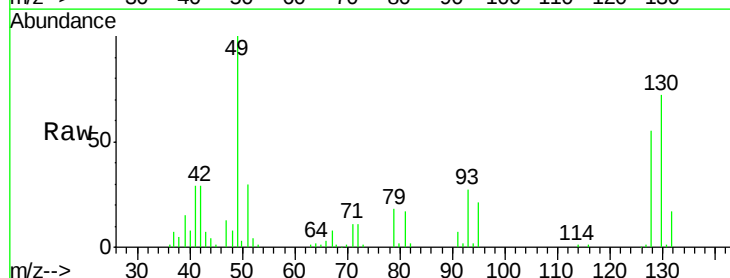
MMDadoda
6/23/2020 11:00:57 AM

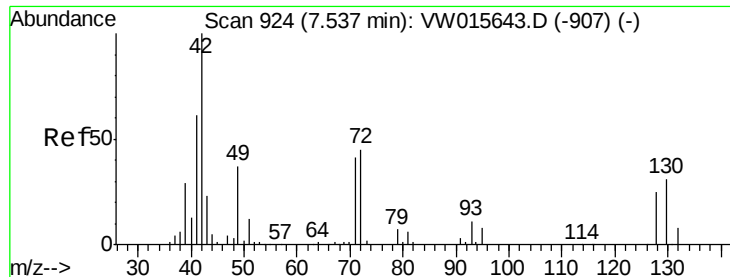


#28

Bromochloromethane
Concen: 18.687 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	2.0
130	74.6	59.7	89.5





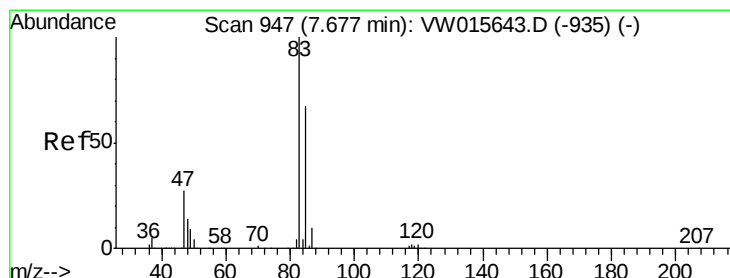
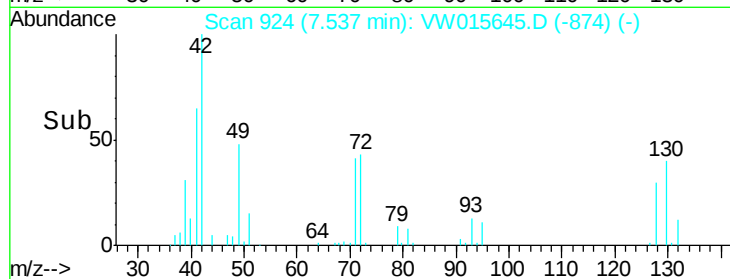
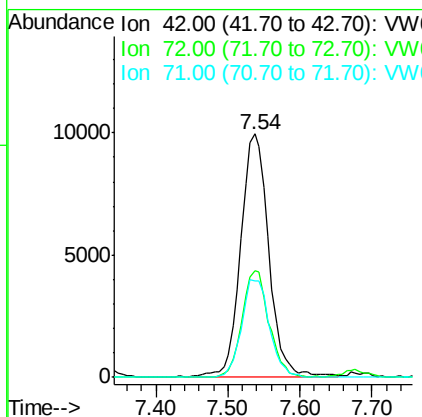
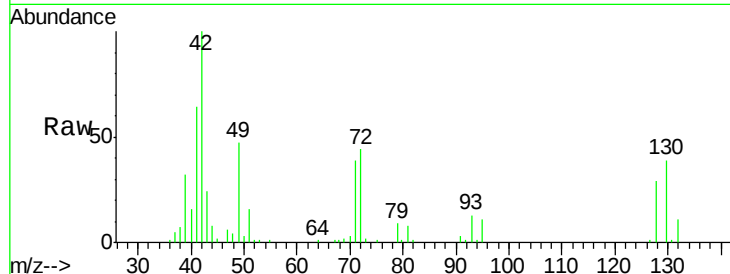
#29
Tetrahydrofuran
Concen: 73.286 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	34.8	52.2
71	39.3	33.3	49.9

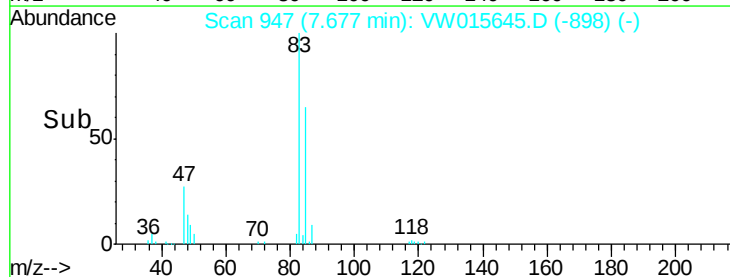
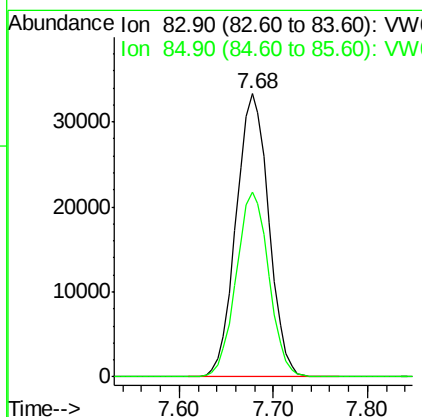
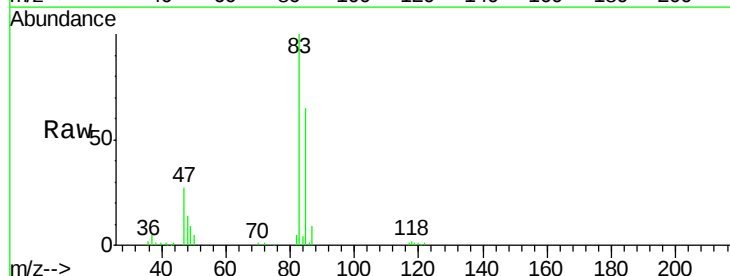
Manual Integrations
APPROVED

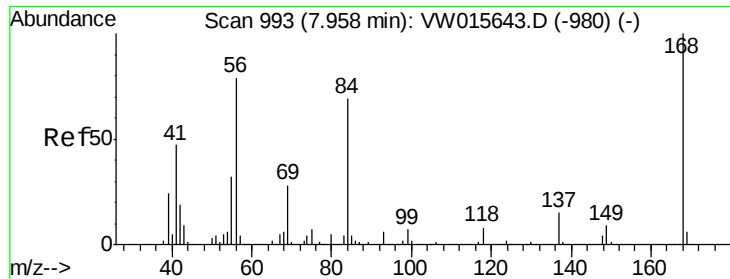
MMDadoda
6/23/2020 11:00:57 AM



#30
Chloroform
Concen: 18.685 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.2	78.4





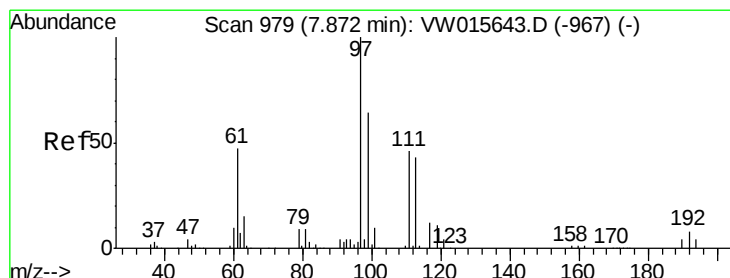
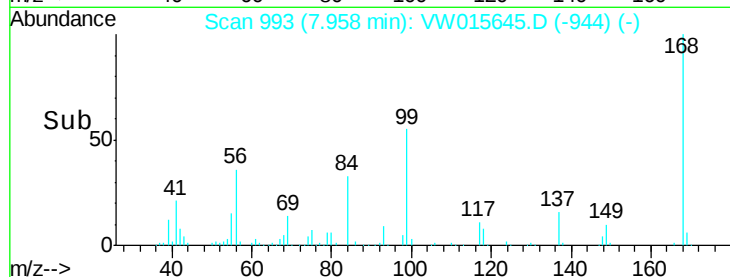
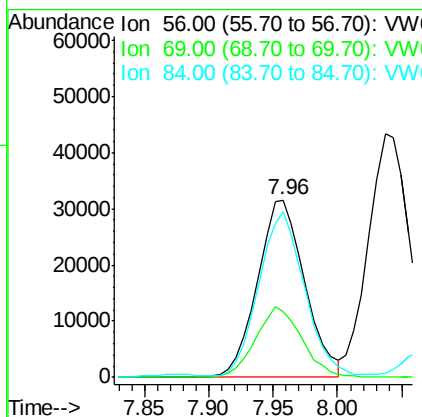
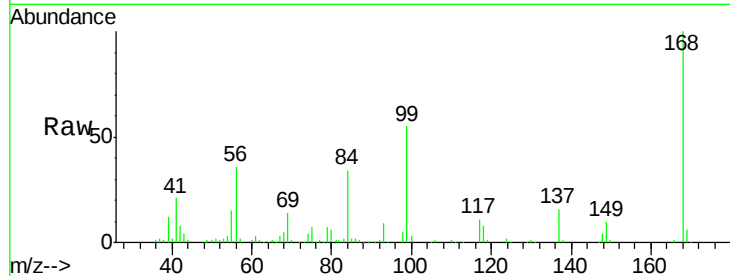
#31
Cyclohexane
Concen: 19.073 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.3	26.3	39.5
84	92.2	71.0	106.4

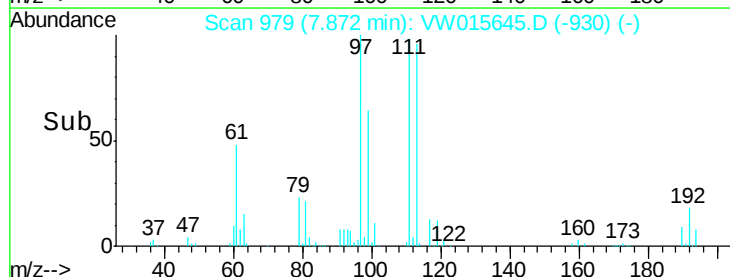
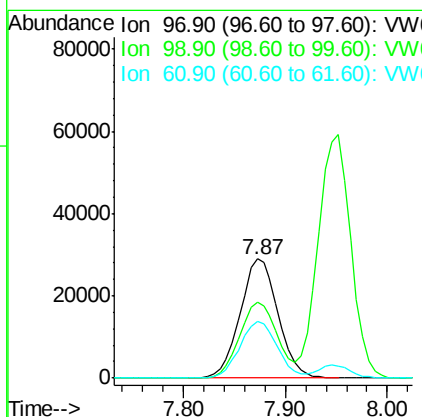
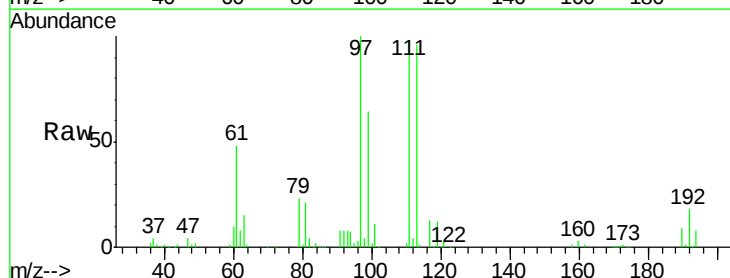
Manual Integrations
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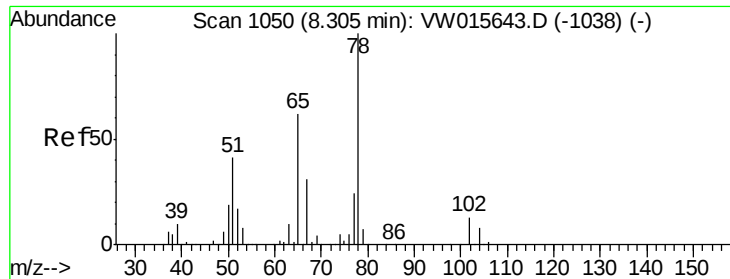
MMDadoda
6/23/2020 11:00:57 AM



#32
1,1,1-Trichloroethane
Concen: 19.865 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.0
61	47.8	37.8	56.8





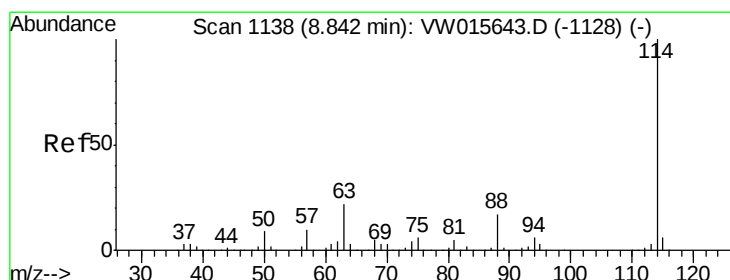
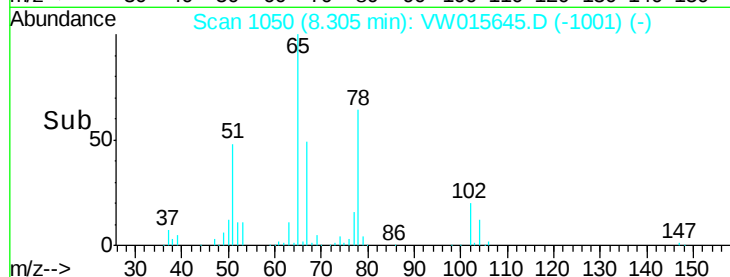
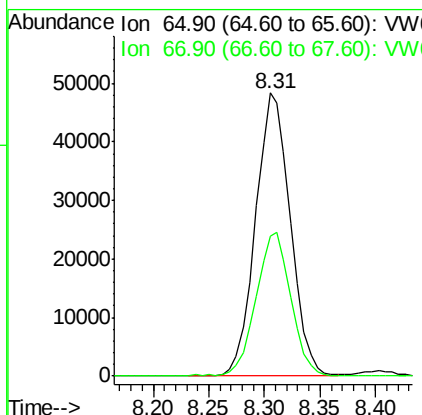
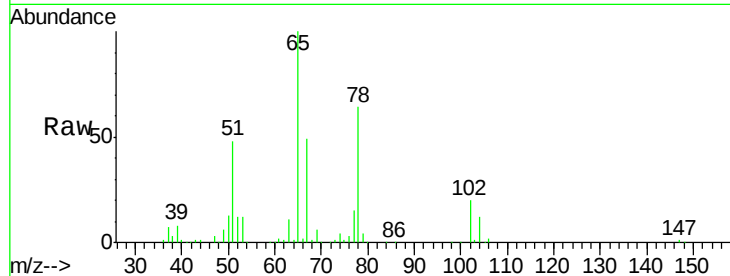
#33
 1,2-Dichloroethane-d4
 Concen: 45.176 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Instrument :
 MSVOA_W
 ClientSampled :
 VW0622SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	105071		
67	51.1	0.0	100.8	

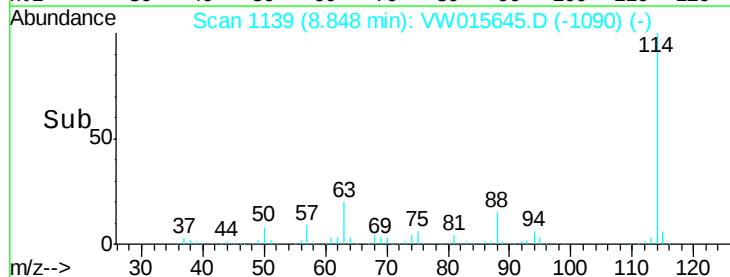
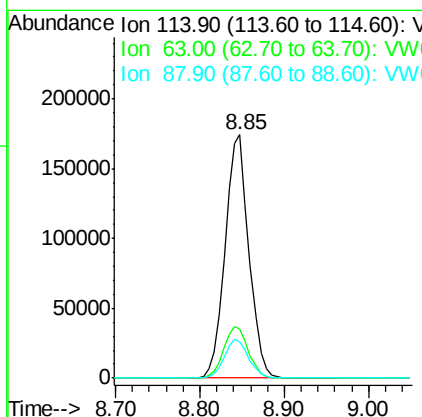
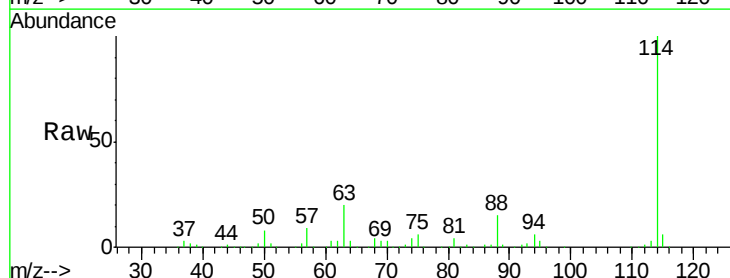
Manual Integrations
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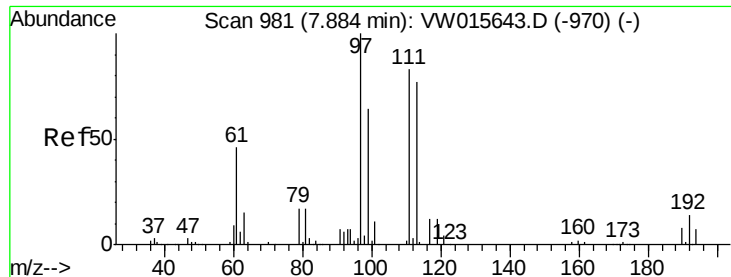
MMDadoda
 6/23/2020 11:00:57 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	333725		
63	20.4	0.0	42.0	
88	14.9	0.0	31.8	





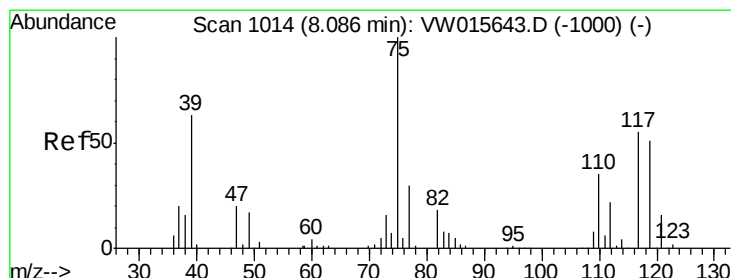
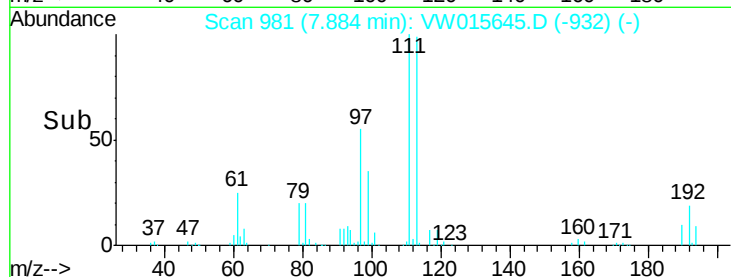
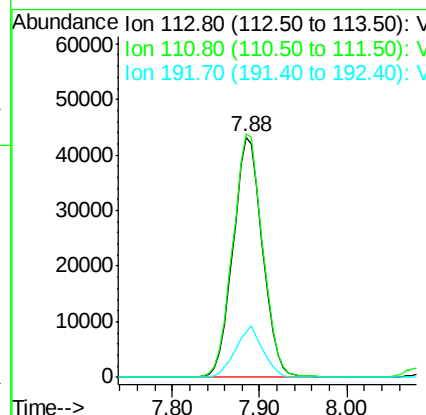
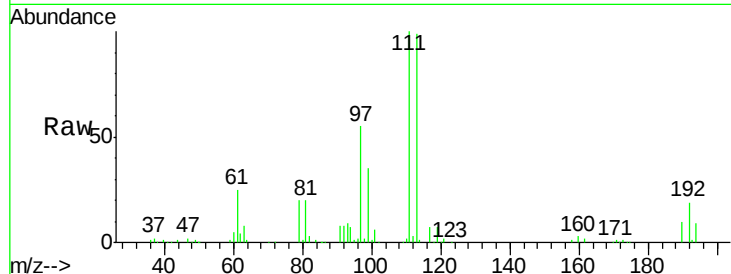
#35
Dibromofluoromethane
Concen: 51.354 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	101014		
111	102.9	83.3	124.9	
192	19.9	15.8	23.6	

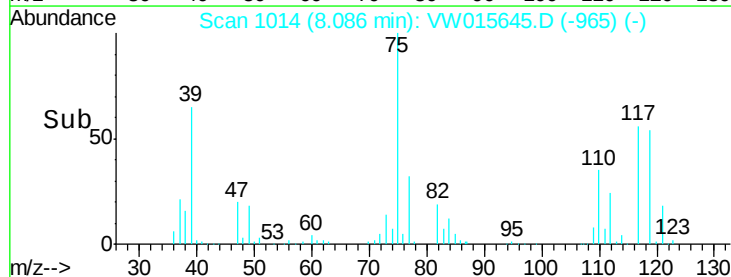
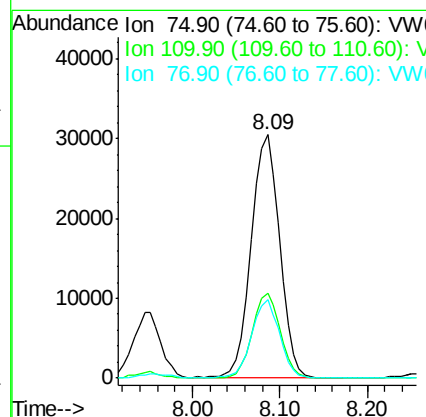
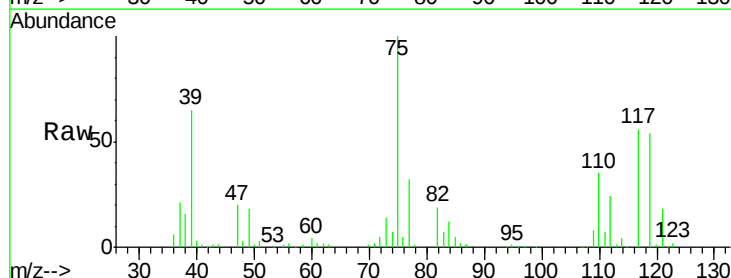
Manual Integrations
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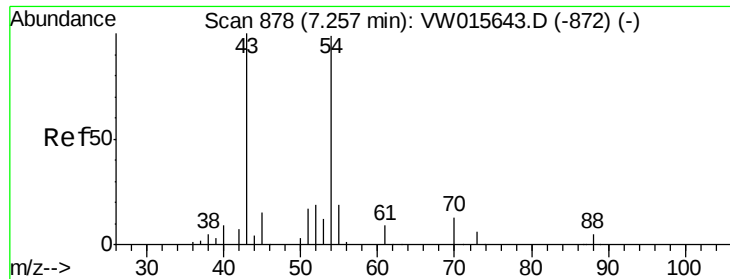
MMDadoda
6/23/2020 11:00:57 AM



#36
1,1-Dichloropropene
Concen: 20.547 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69380		
110	34.1	17.2	51.6	
77	31.5	25.0	37.4	





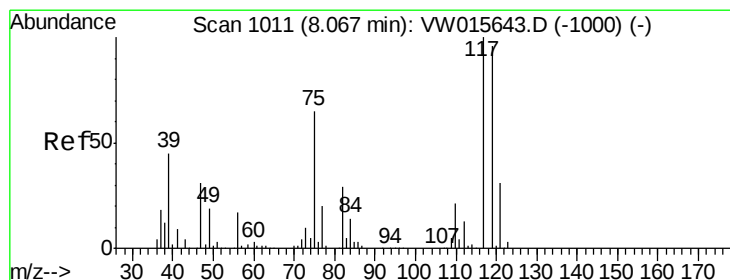
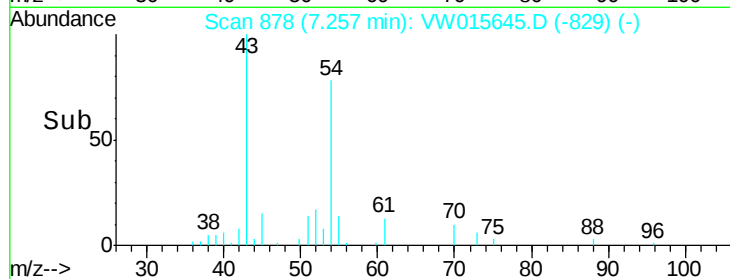
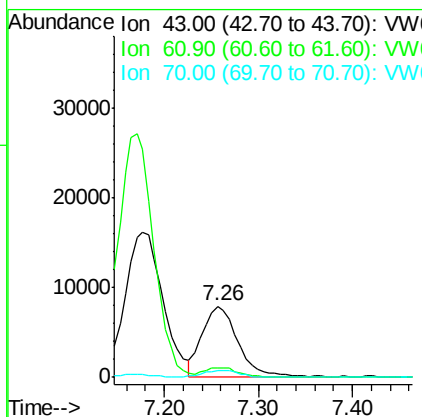
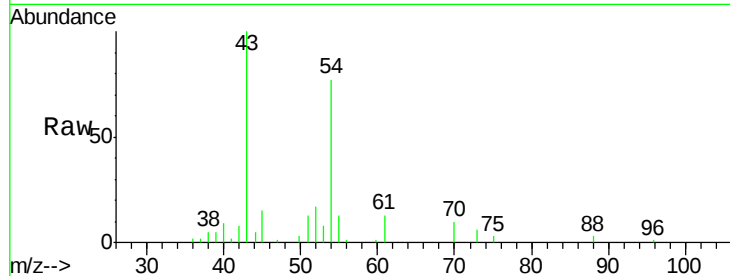
#37
Ethyl Acetate
Concen: 15.736 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	10.3	8.4	12.6

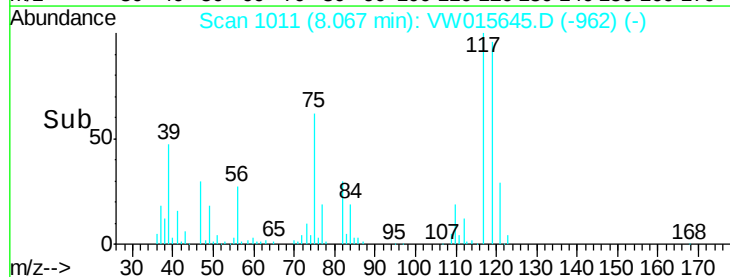
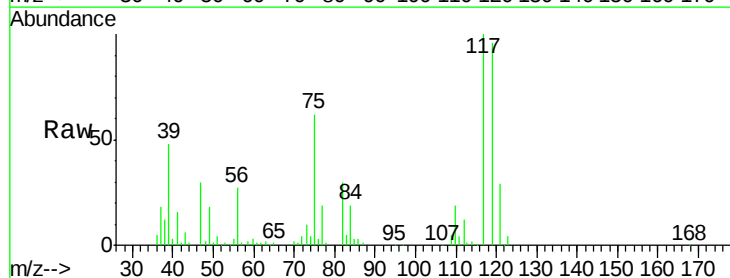
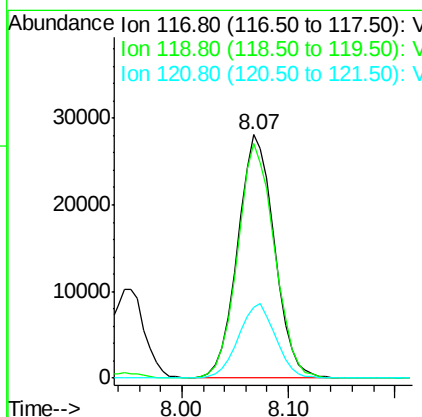
Manual Integrations
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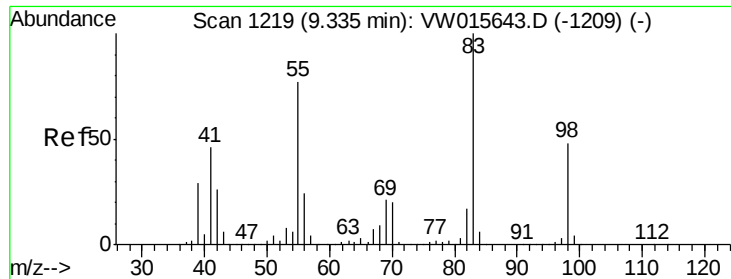
MMDadoda
6/23/2020 11:00:57 AM



#38
Carbon Tetrachloride
Concen: 20.603 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.9	113.9
121	29.2	23.5	35.3





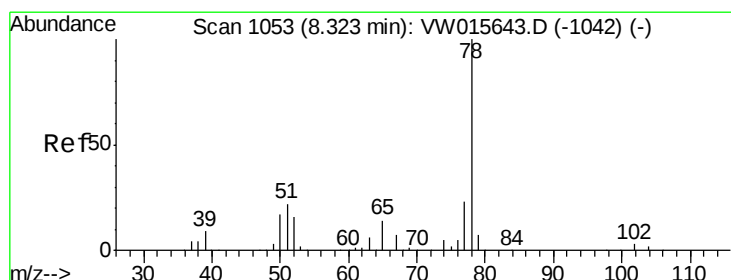
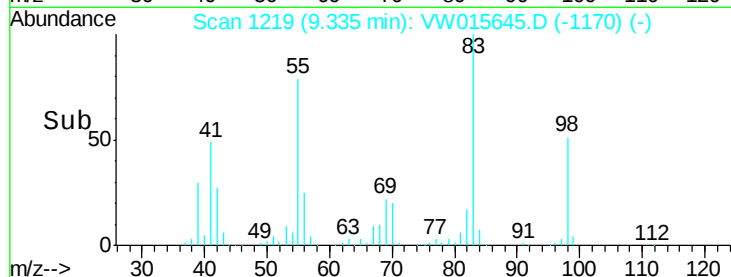
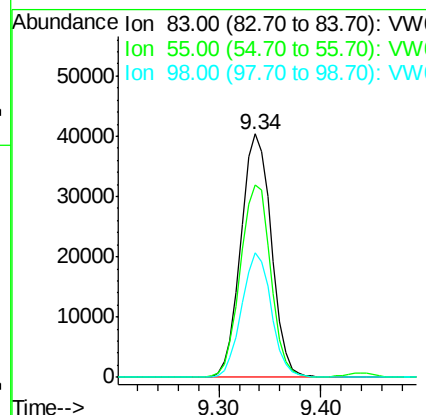
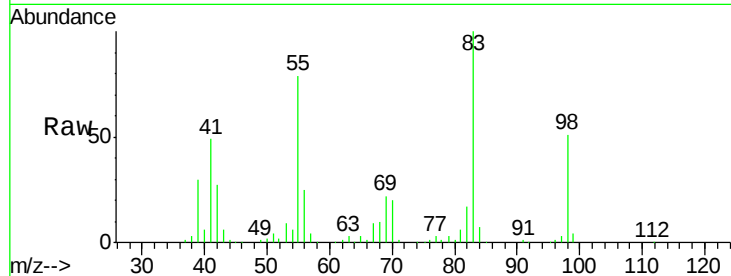
#39
Methvlcvclohexane
Concen: 20.087 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion	83	Resp	83646
Ion Ratio	100	Lower	Upper
83	100		
55	79.2	61.7	92.5
98	51.2	37.7	56.5

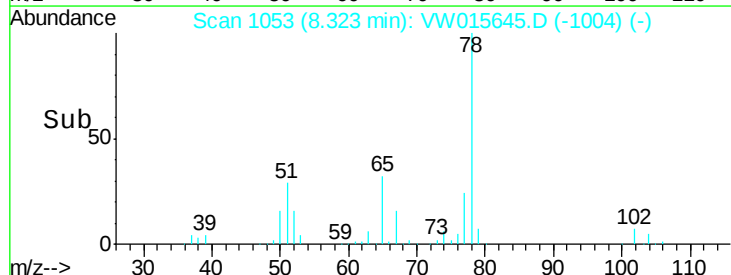
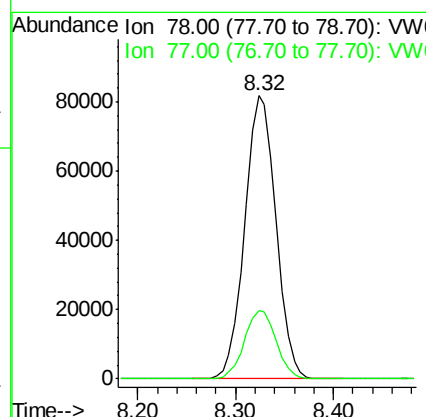
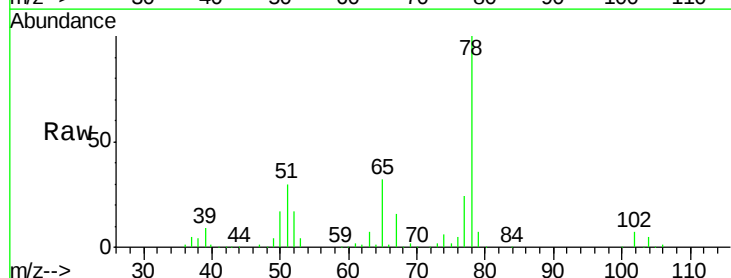
Manual Integrations
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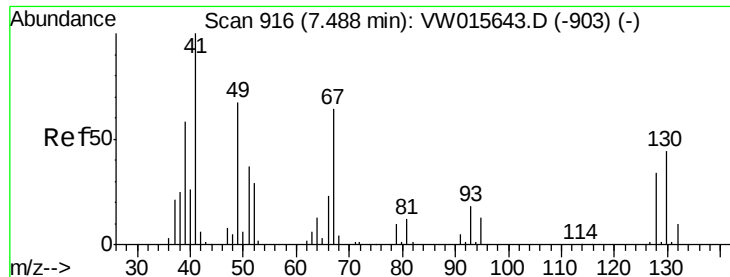
MMDadoda
6/23/2020 11:00:57 AM



#40
Benzene
Concen: 19.835 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	78	Resp	180736
Ion Ratio	100	Lower	Upper
78	100		
77	24.1	19.2	28.8





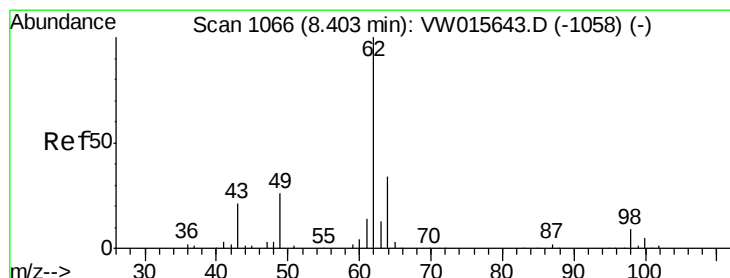
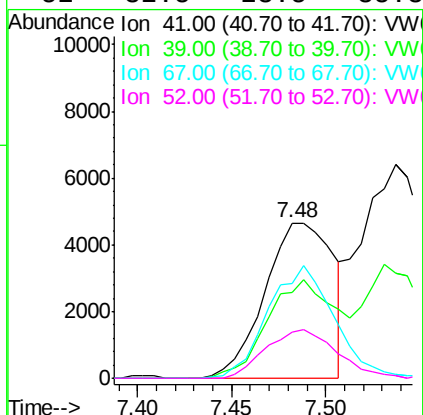
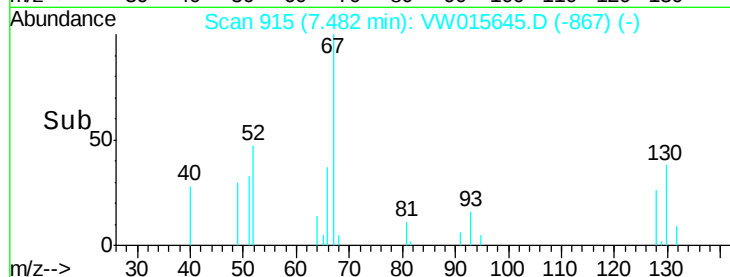
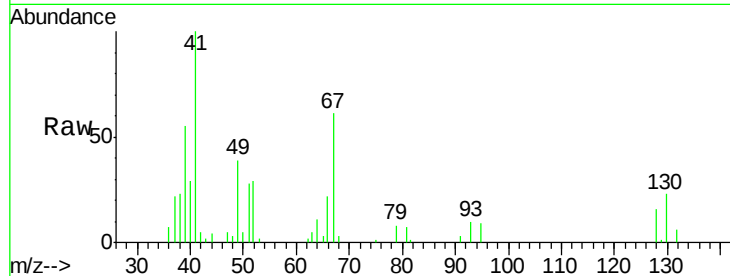
#41
Methacrylonitrile
Concen: 15.605 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion:	41	Resp:	11746
Ion	Ratio	Lower	Upper
41	100		
39	65.0	44.5	66.7
67	70.6	53.1	79.7
52	32.5	23.5	35.3

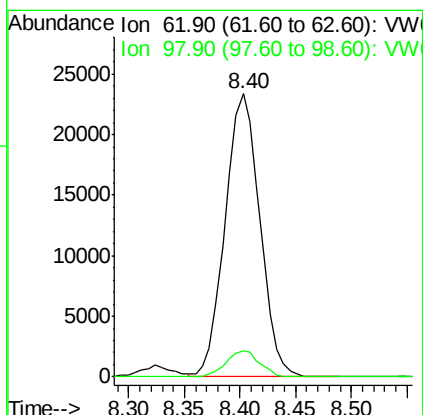
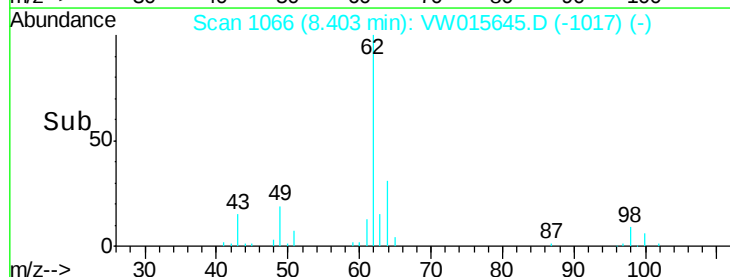
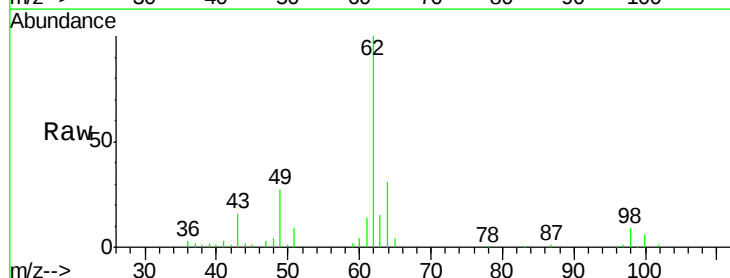
Manual Integrations
APPROVED

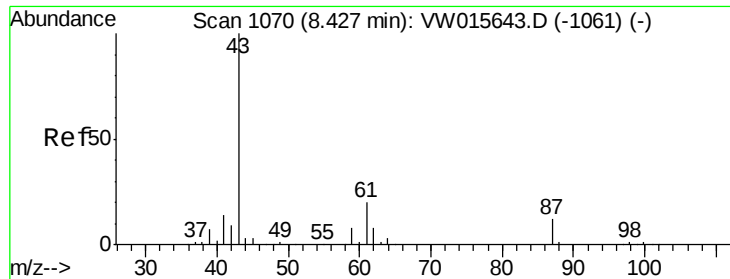
MMDadoda
6/23/2020 11:00:57 AM



#42
1,2-Dichloroethane
Concen: 18.168 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion:	62	Resp:	50526
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6





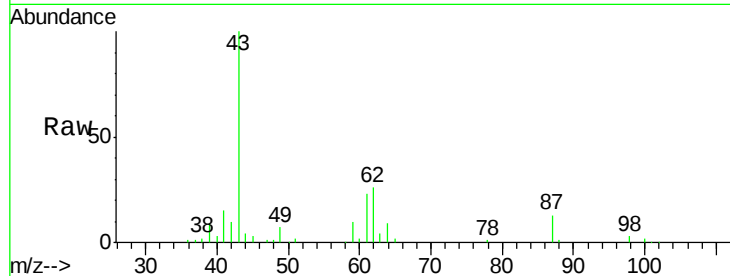
#43
Isopropyl Acetate
Concen: 16.286 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

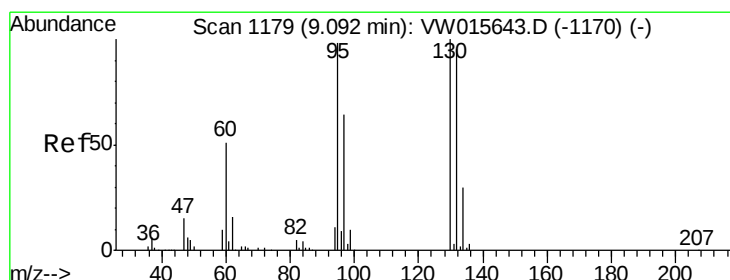
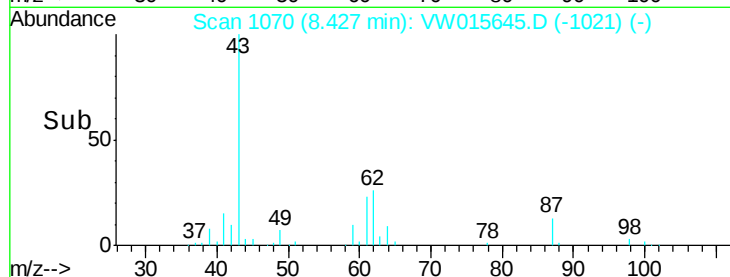
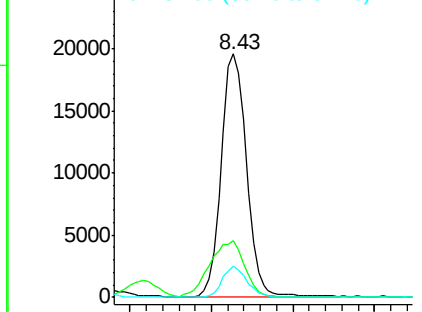
Tot Ion	Ratio	Lower	Upper
43	100		
61	31.5	23.8	35.8
87	12.3	10.1	15.1

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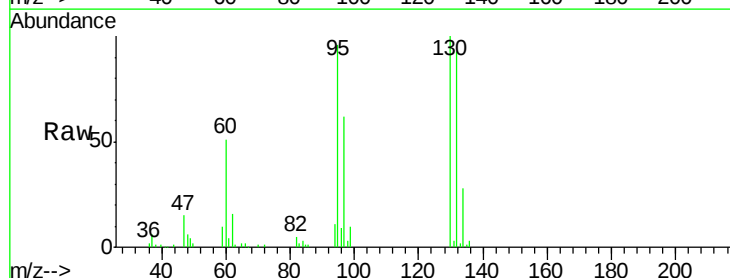


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

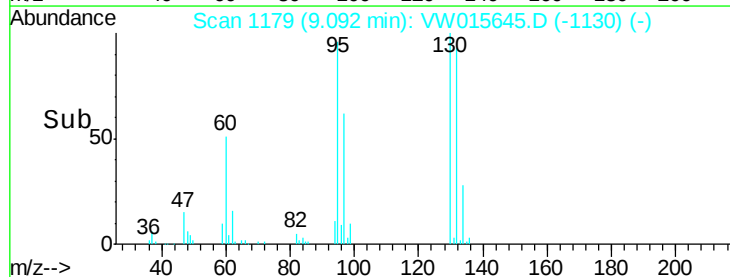
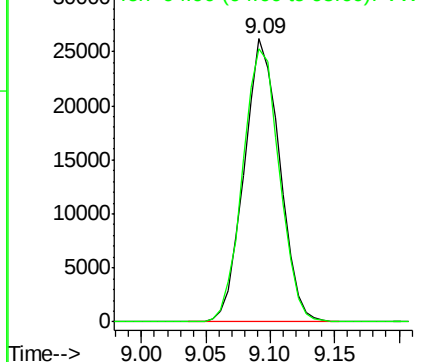


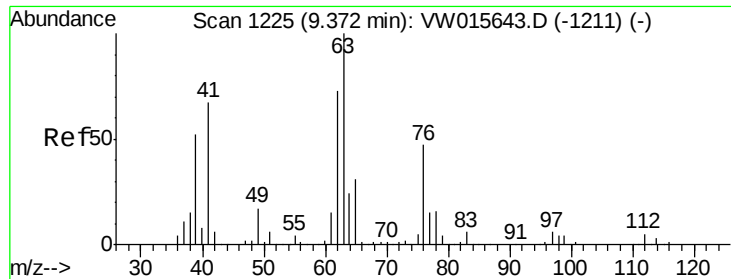
#44
Trichloroethene
Concen: 20.563 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	204.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





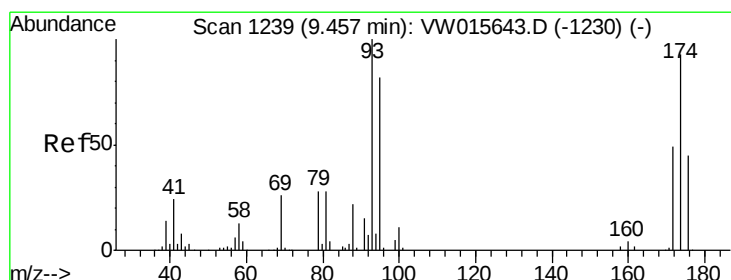
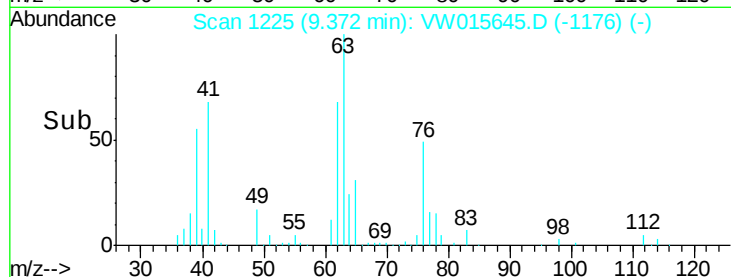
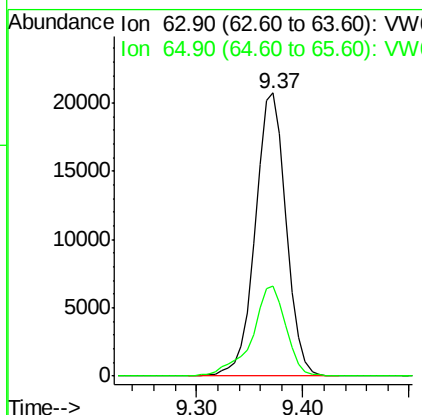
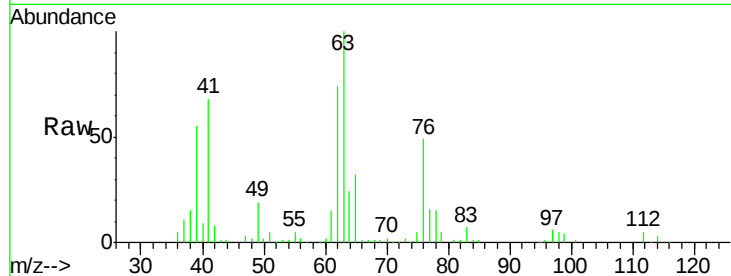
#45
 1,2-Dichloropropane
 Concen: 18.967 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Tot Ion: 63 Resp: 42158
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.0 36.0

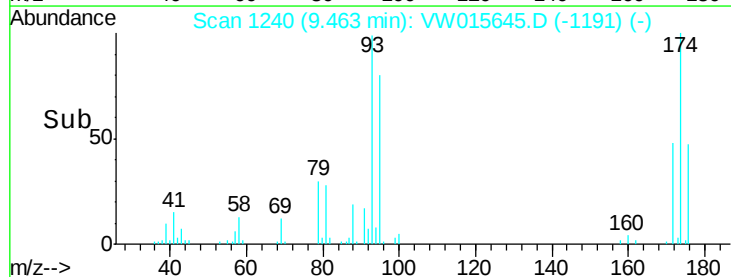
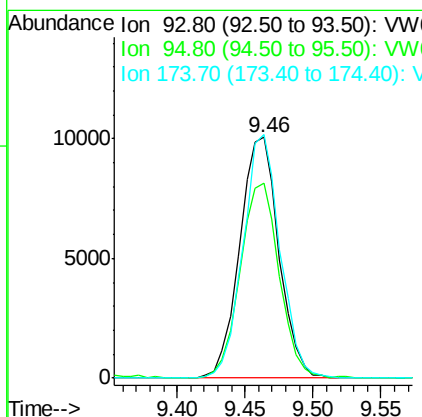
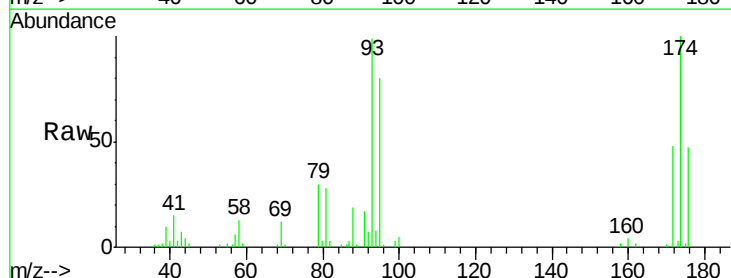
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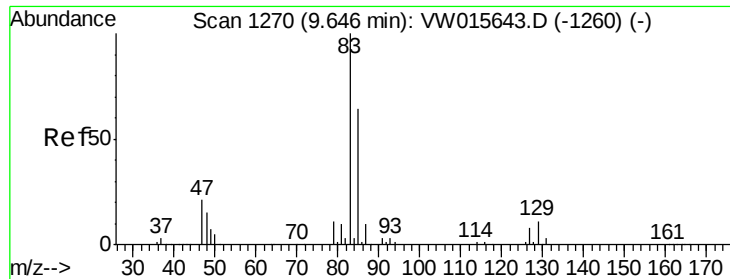
MMDadoda
 6/23/2020 11:00:57 AM



#46
 Dibromomethane
 Concen: 17.859 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion: 93 Resp: 20265
 Ion Ratio Lower Upper
 93 100
 95 81.0 65.1 97.7
 174 96.1 78.6 118.0





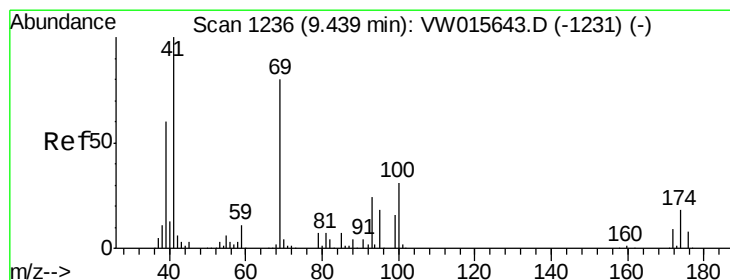
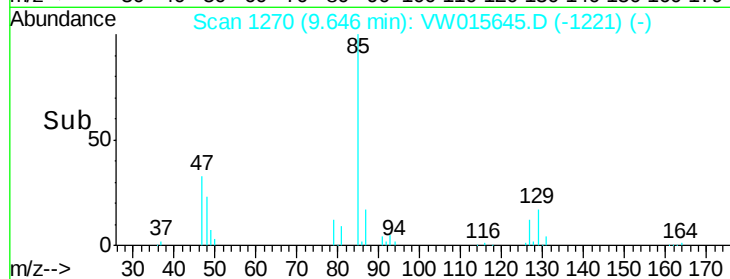
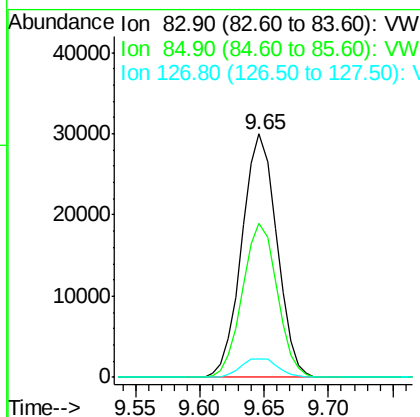
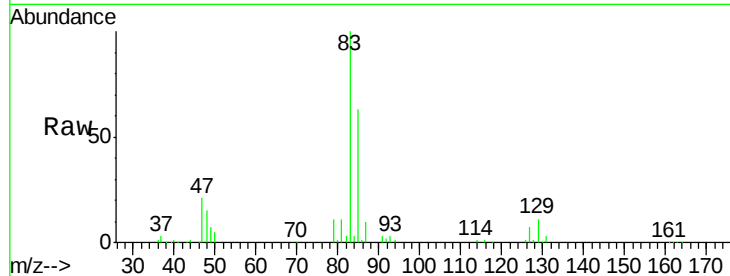
#47
Bromodichloromethane
Concen: 18.336 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion	83	Resp	56301
Ion Ratio	100	Lower	Upper
85	63.2	51.1	76.7
127	7.4	6.4	9.6

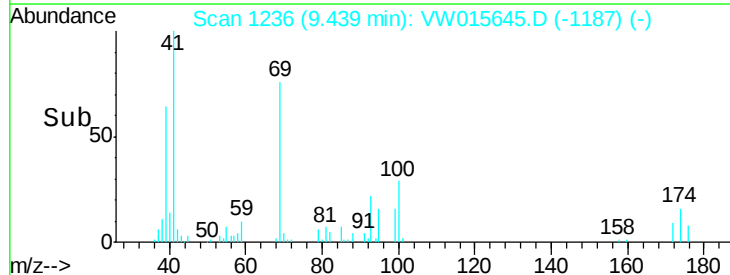
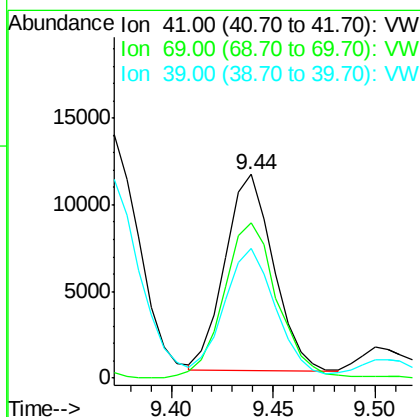
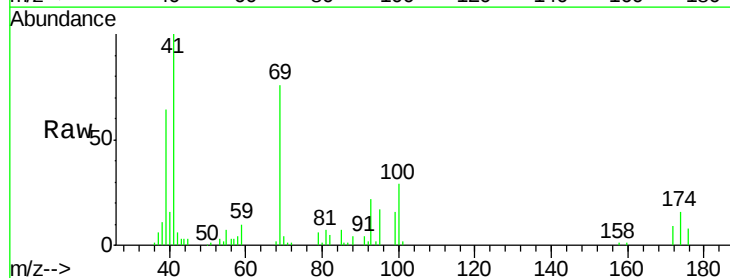
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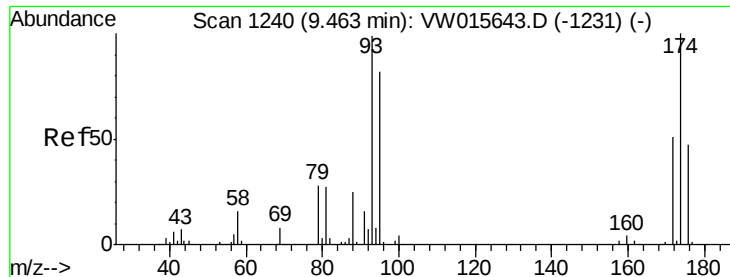
MMDadoda
6/23/2020 11:00:57 AM



#48
Methyl methacrylate
Concen: 15.661 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	41	Resp	18637
Ion Ratio	100	Lower	Upper
69	87.3	67.8	101.8
39	66.0	50.2	75.2





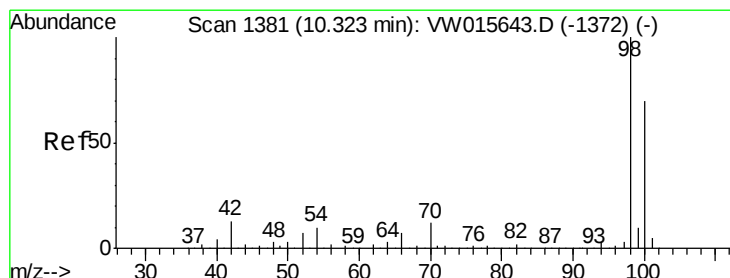
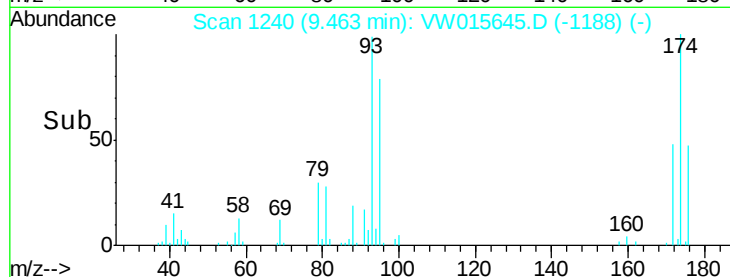
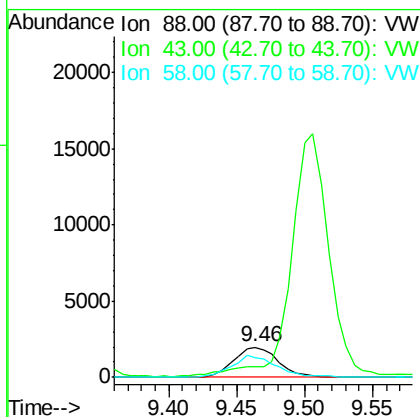
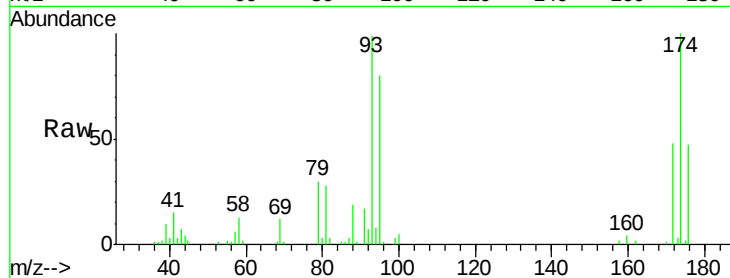
#49
1,4-Dioxane
Concen: 283.047 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.9	41.9#
58	75.7	58.8	88.2

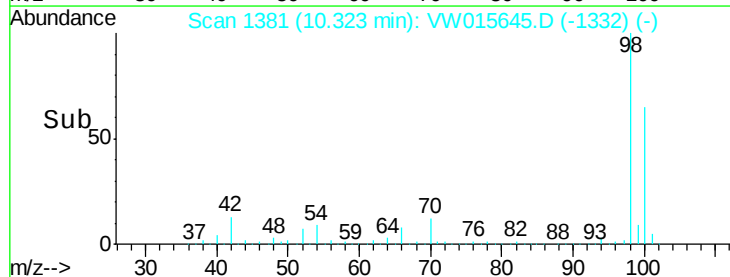
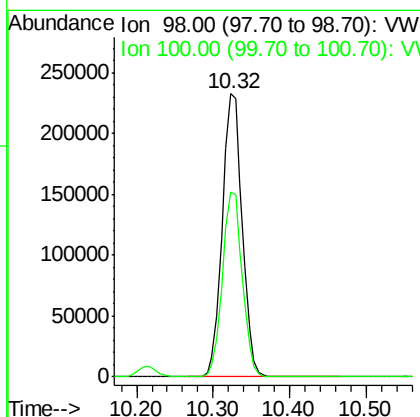
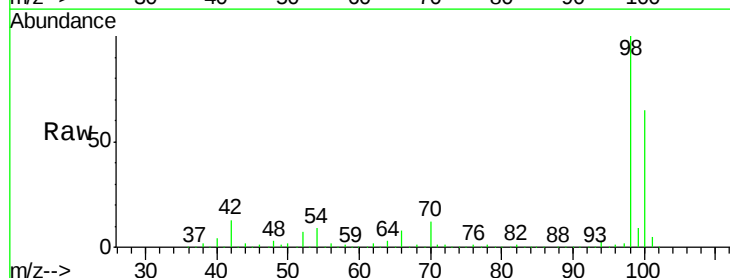
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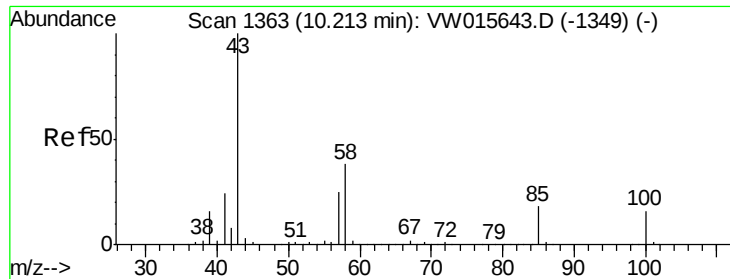
MMDadoda
6/23/2020 11:00:57 AM



#50
Toluene-d8
Concen: 52.500 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.6	78.8





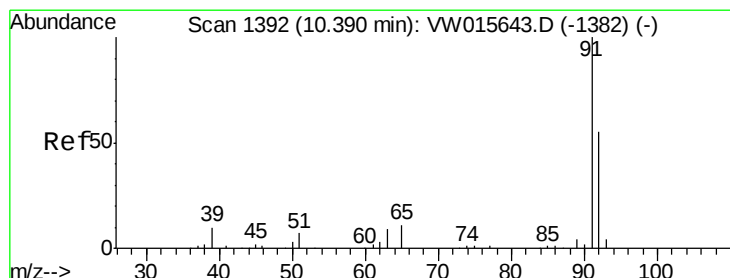
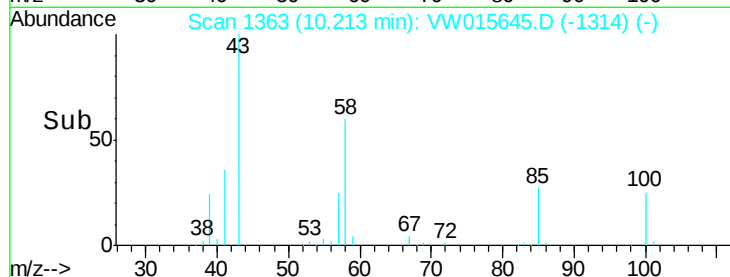
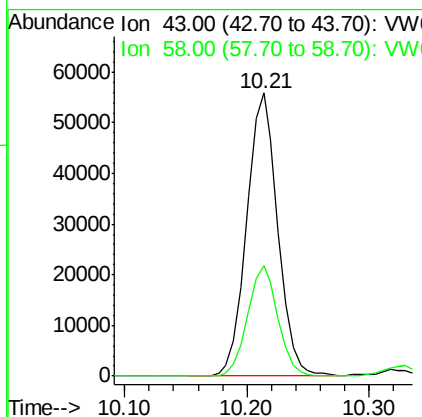
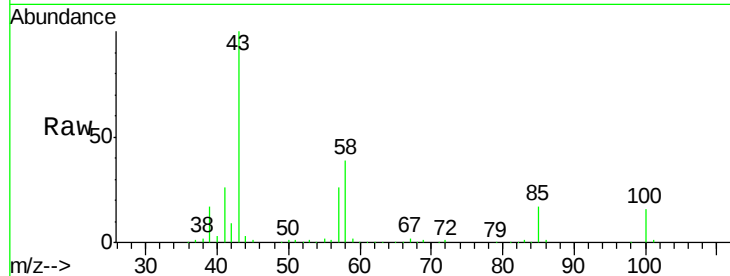
#51
4-Methyl-2-Pentanone
Concen: 79.315 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampled :
VW0622SBS01

Tot Ion: 43 Resp: 98105
Ion Ratio Lower Upper
43 100
58 38.4 31.4 47.0

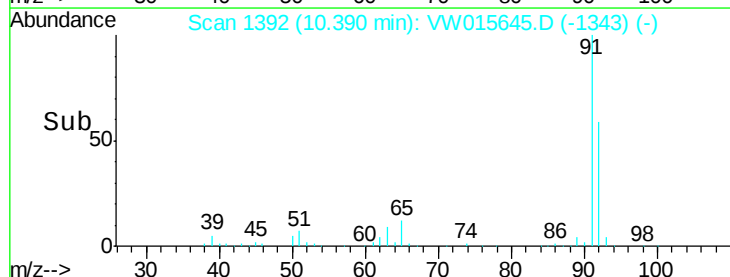
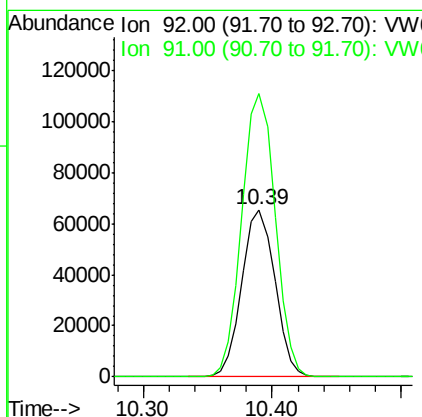
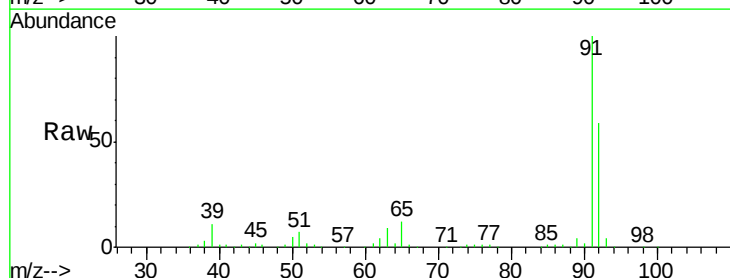
Manual Integrations
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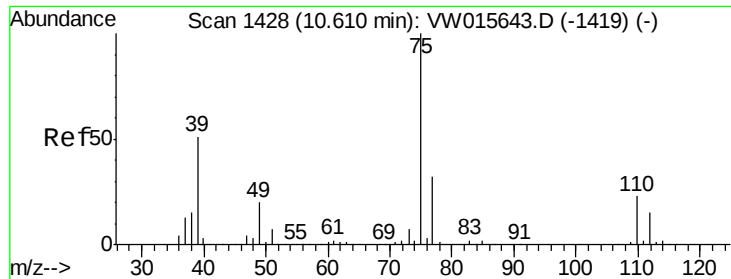
MMDadoda
6/23/2020 11:00:57 AM



#52
Toluene
Concen: 19.821 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 92 Resp: 116502
Ion Ratio Lower Upper
92 100
91 171.7 136.5 204.7





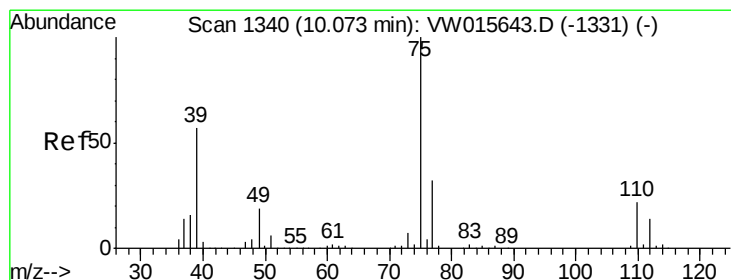
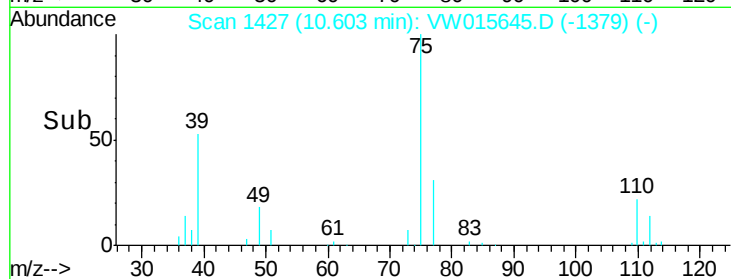
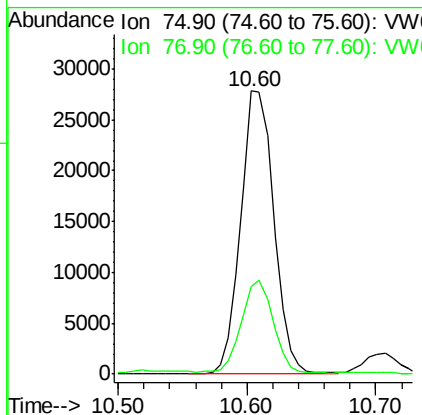
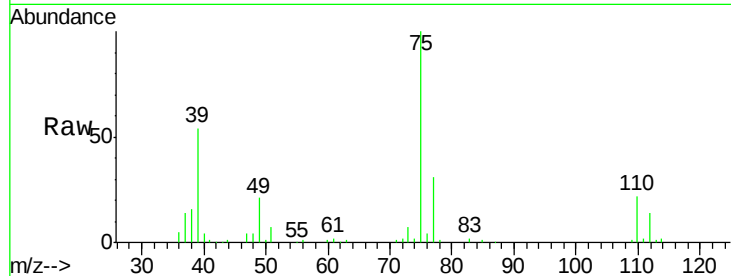
#53
t-1,3-Dichloropropene
Concen: 16.393 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion: 75 Resp: 49615
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.4

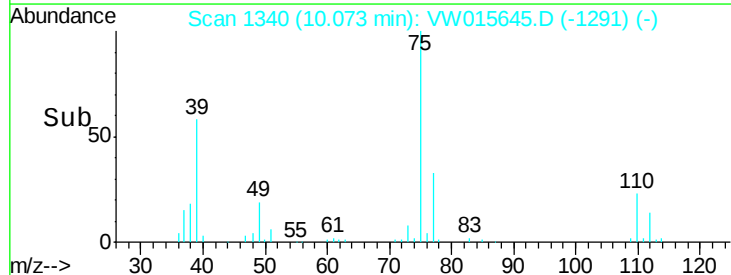
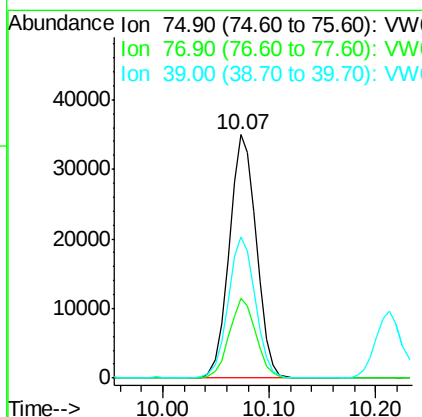
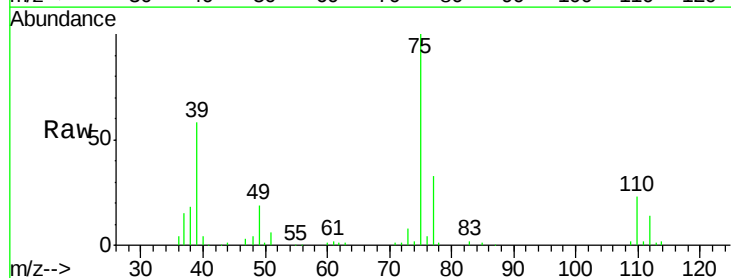
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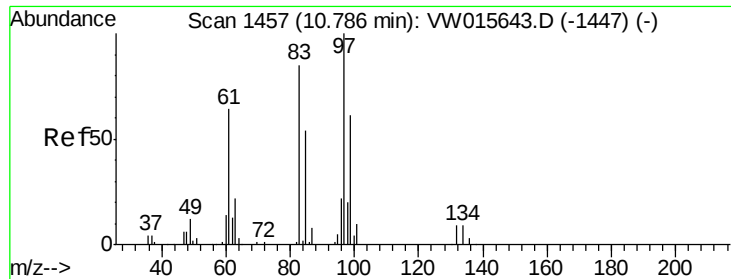
MMDadoda
6/23/2020 11:00:57 AM



#54
cis-1,3-Dichloropropene
Concen: 17.488 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 75 Resp: 62373
Ion Ratio Lower Upper
75 100
77 32.8 24.9 37.3
39 58.2 45.4 68.2





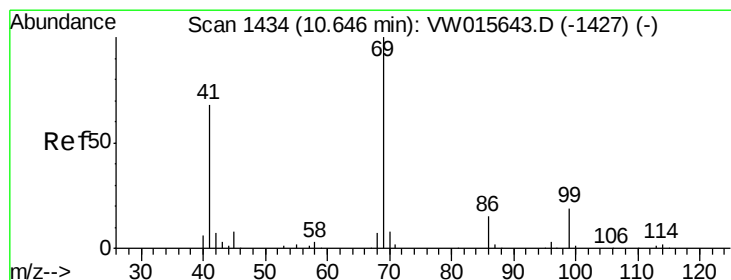
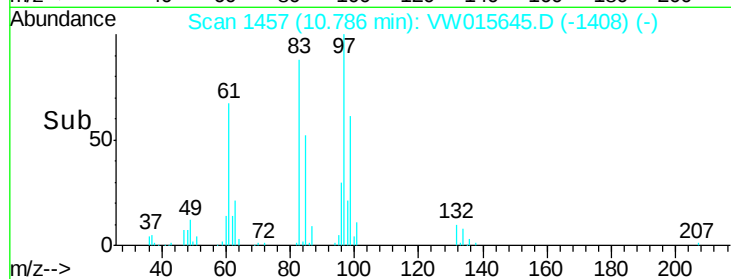
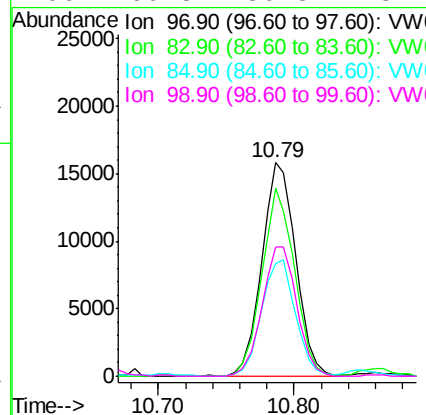
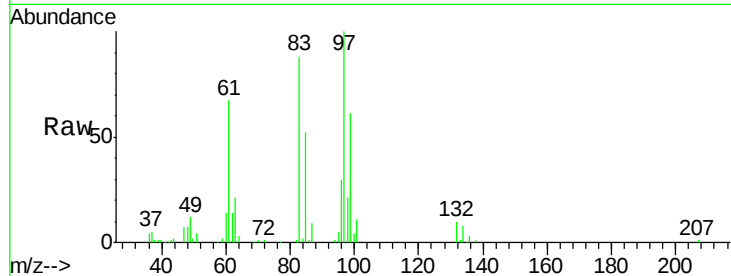
#55
 1,1,2-Trichloroethane
 Concen: 17.490 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Tot Ion	97	Resp:	27702
Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.6	102.8
85	52.0	43.2	64.8
99	60.8	50.5	75.7

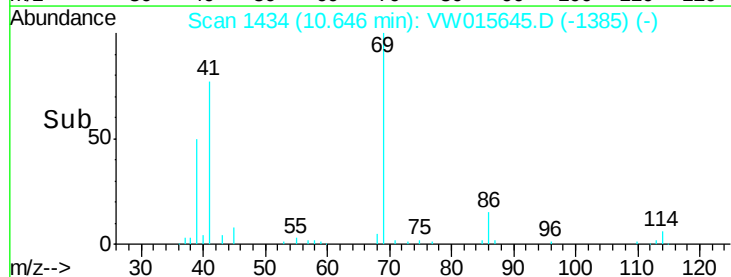
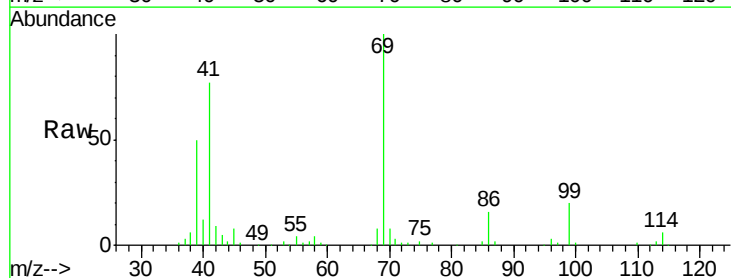
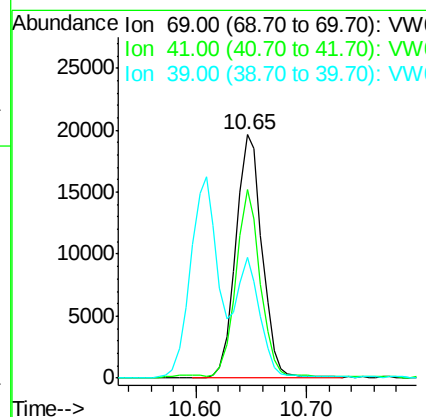
Manual Integrations
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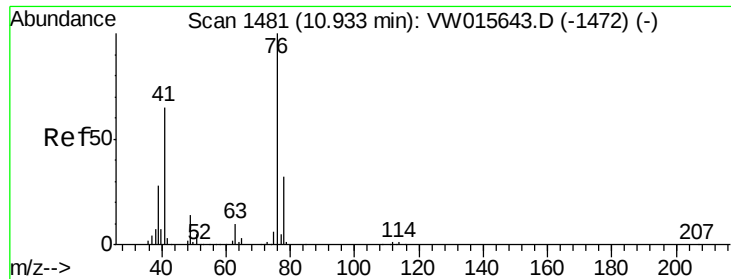
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 6/23/2020 11:00:57 AM



#56
 Ethyl methacrylate
 Concen: 15.643 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion	69	Resp:	32229
Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.2	84.4
39	44.3	33.3	49.9





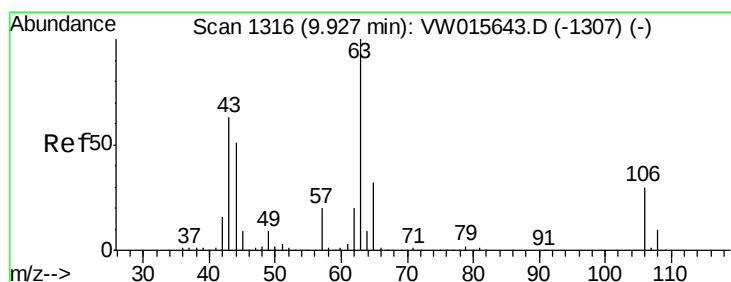
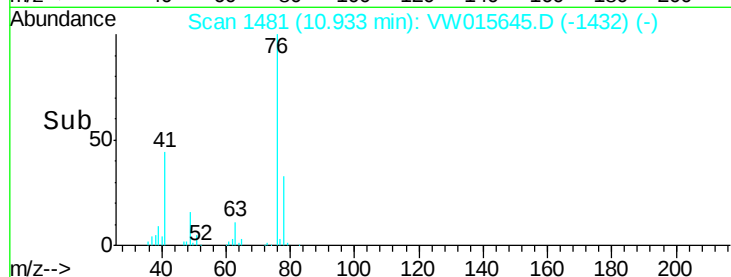
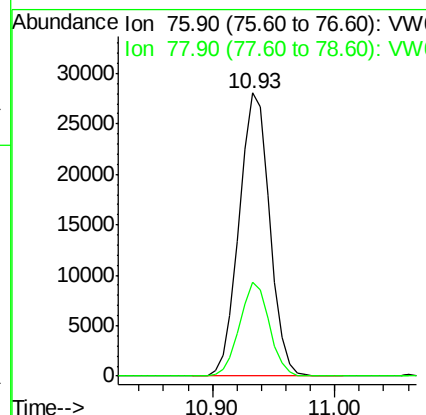
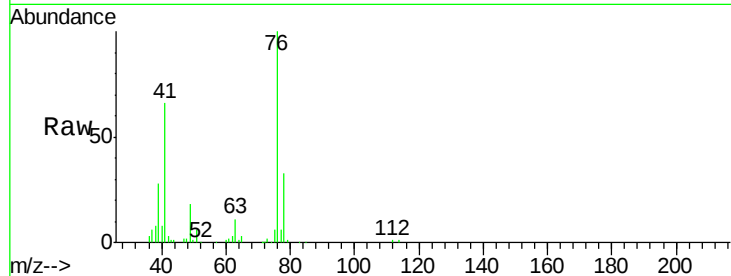
#57
 1,3-Dichloropropane
 Concen: 17.259 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Tot Ion: 76 Resp: 48409
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1

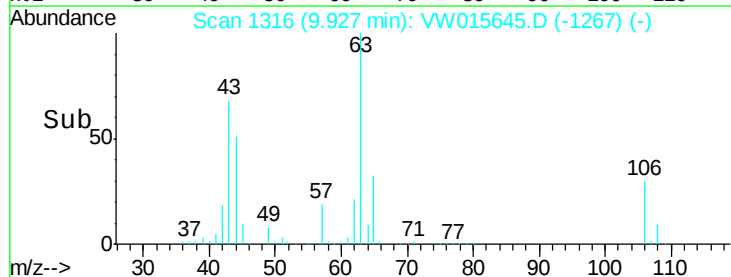
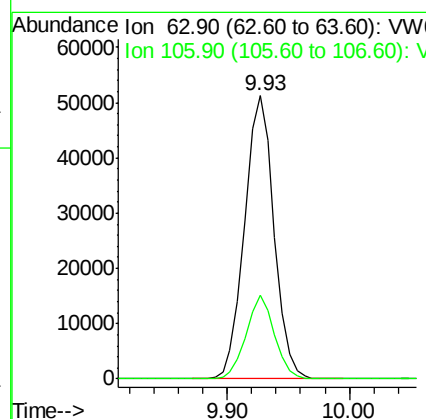
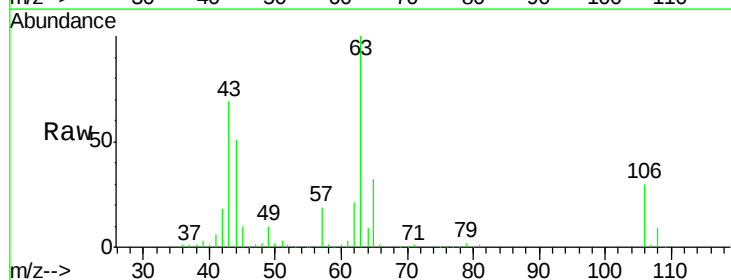
Manual Integrations
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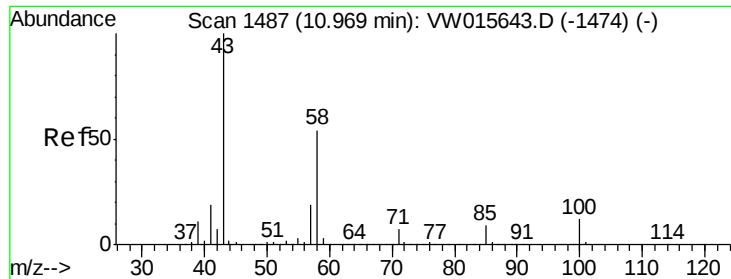
MMDadoda
 6/23/2020 11:00:57 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.754 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion: 63 Resp: 85460
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.9 34.3





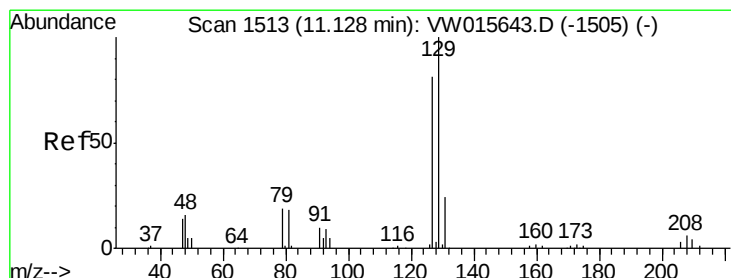
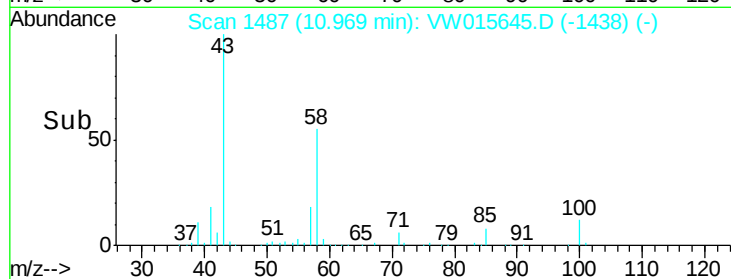
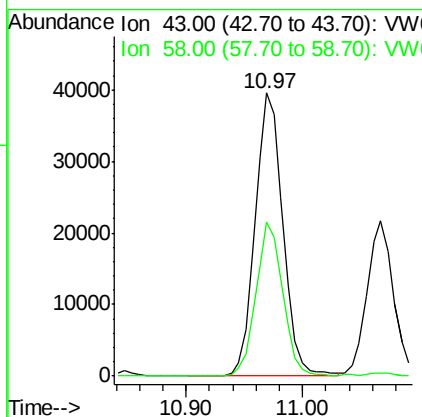
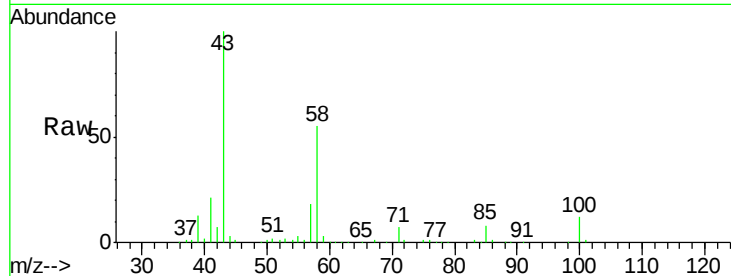
#59
2-Hexanone
Concen: 77.042 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion: 43 Resp: 65914
Ion Ratio Lower Upper
43 100
58 52.5 26.8 80.3

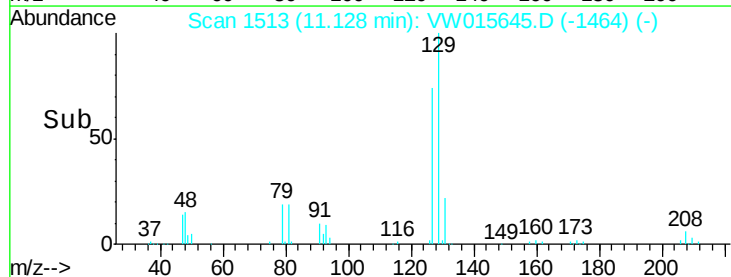
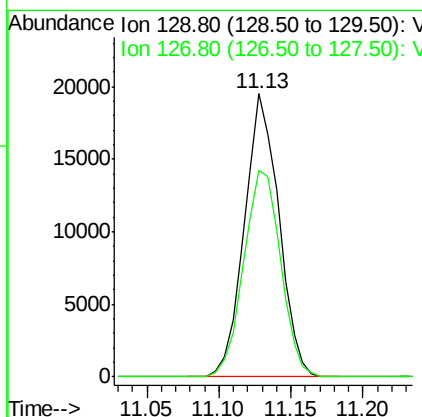
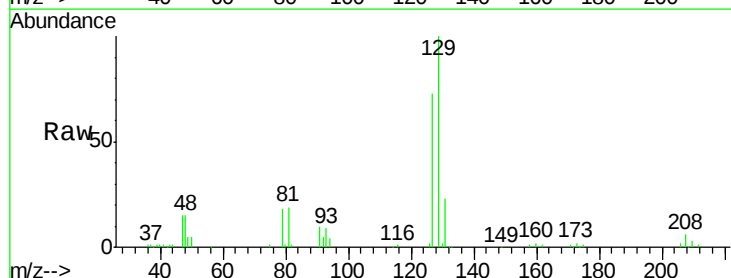
Manual Integrations
APPROVED

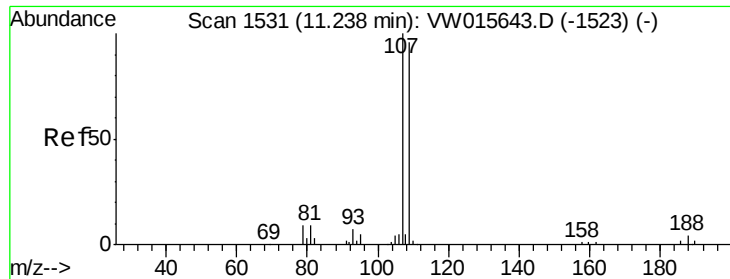
MMDadoda
6/23/2020 11:00:57 AM



#60
Dibromochloromethane
Concen: 16.690 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 129 Resp: 32256
Ion Ratio Lower Upper
129 100
127 78.3 38.4 115.2





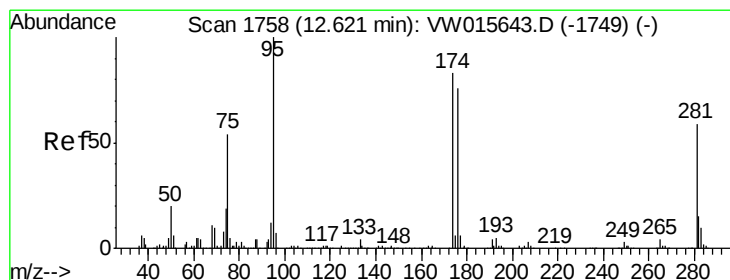
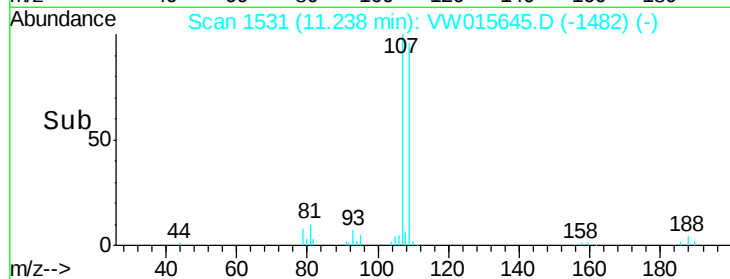
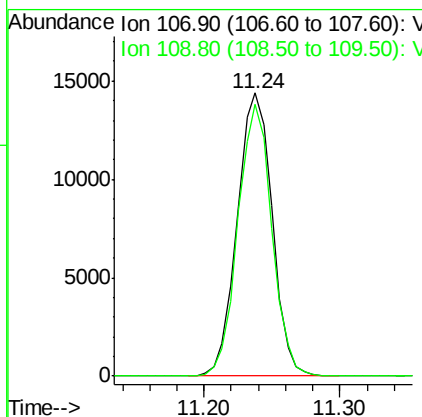
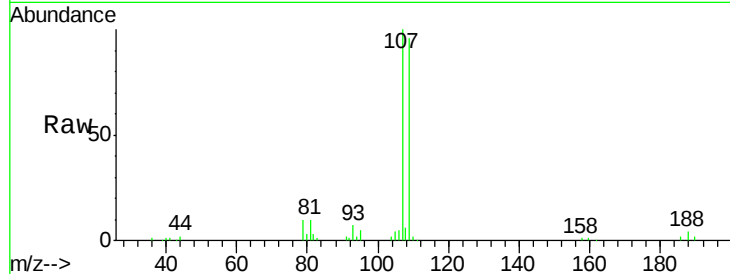
#61
 1,2-Dibromoethane
 Concen: 17.038 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	74.6	111.8

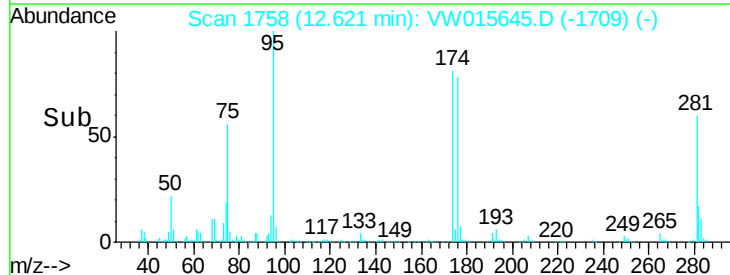
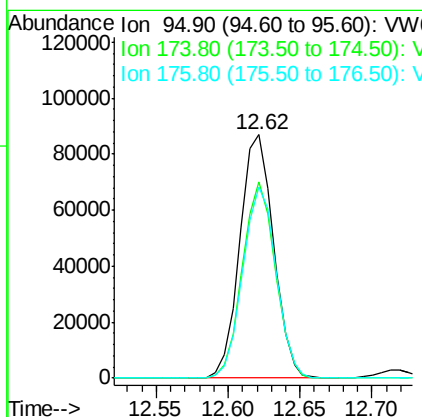
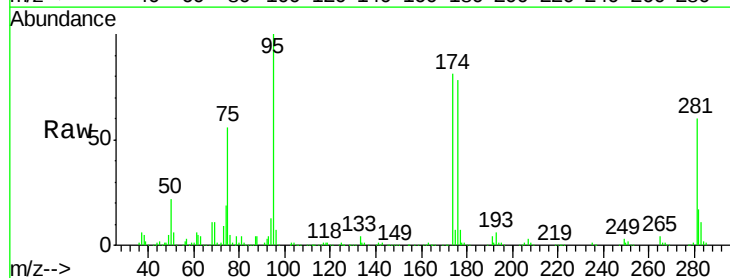
Manual Integrations
 APPROVED

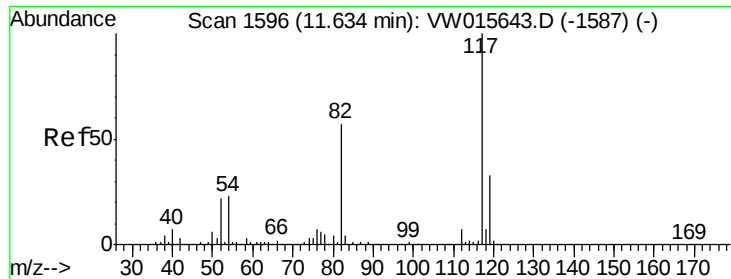
MMDadoda
 6/23/2020 11:00:57 AM



#62
 4-Bromofluorobenzene
 Concen: 48.800 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	153.6
176	77.6	0.0	152.8





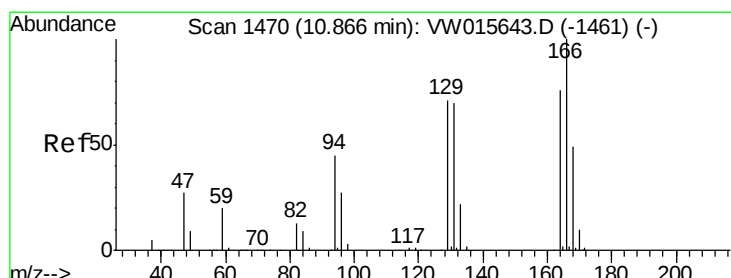
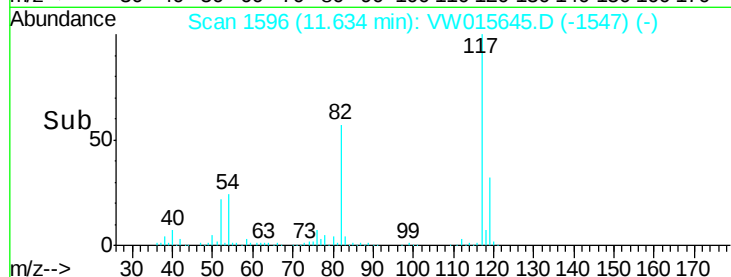
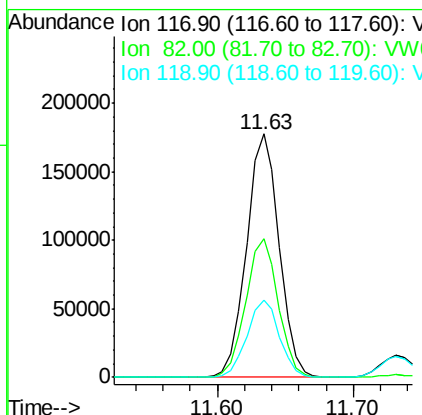
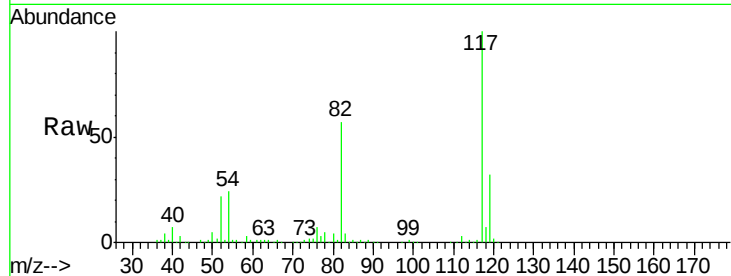
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.8	68.8
119	31.8	24.7	37.1

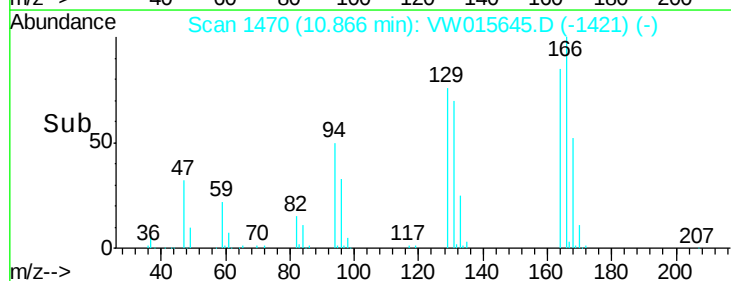
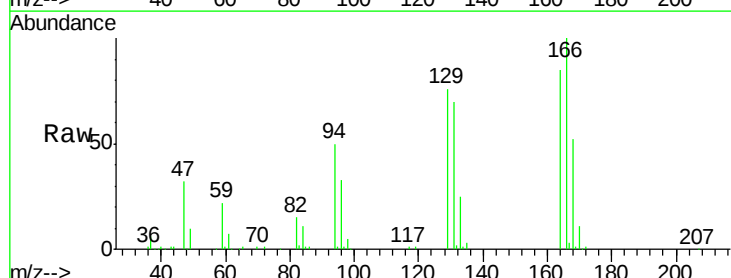
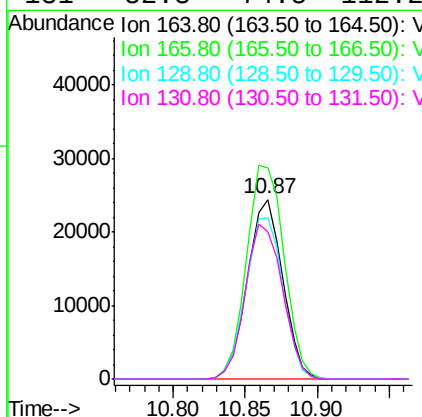
Manual Integrations
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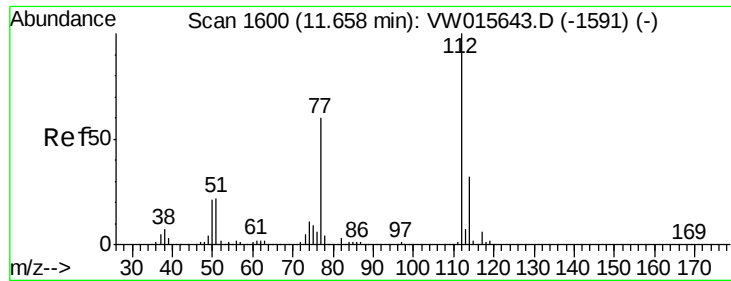
MMDadoda
6/23/2020 11:00:57 AM



#64
Tetrachloroethene
Concen: 20.781 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.6	109.0	163.6
129	89.8	81.0	121.4
131	82.3	74.8	112.2





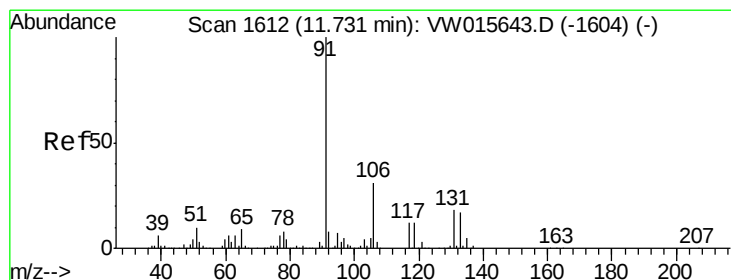
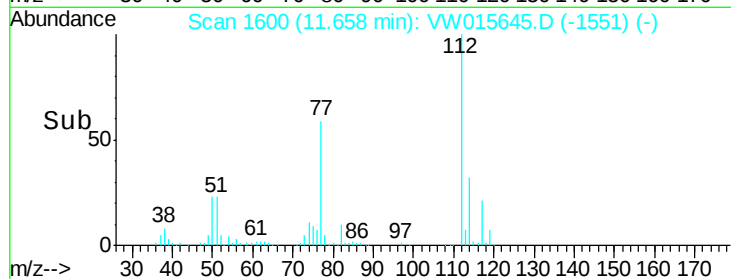
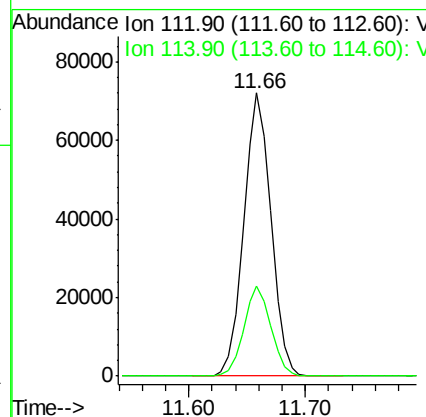
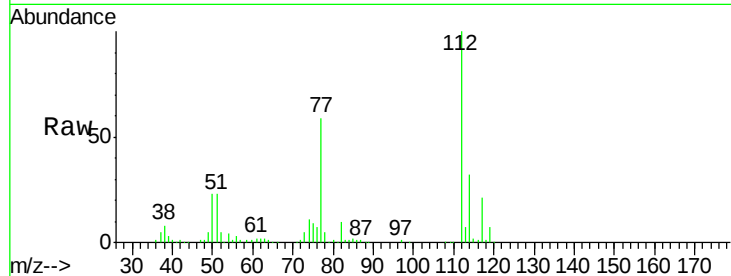
#65
Chlorobenzene
Concen: 19.368 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion:112 Resp: 117452
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

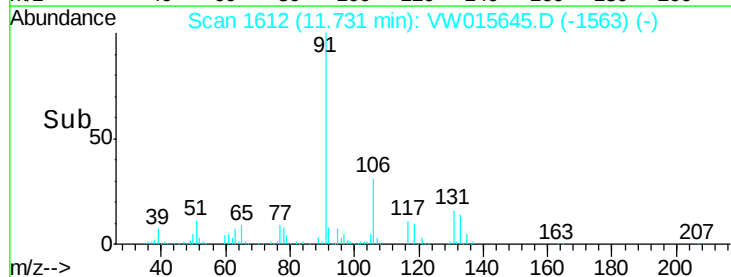
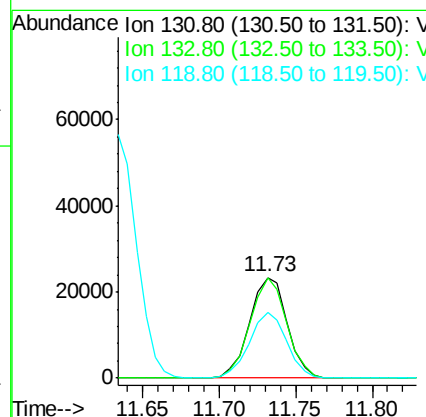
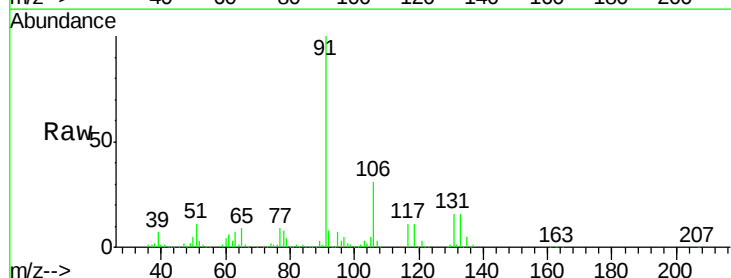
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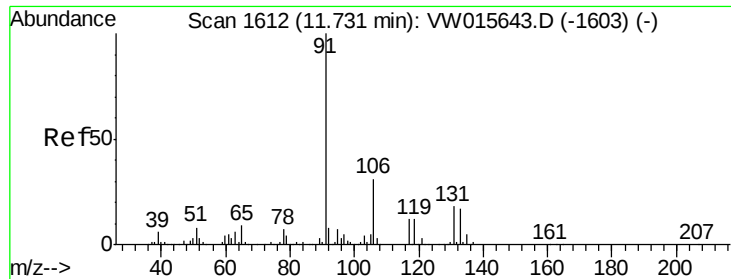
MMDadoda
6/23/2020 11:00:57 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.454 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion:131 Resp: 39995
Ion Ratio Lower Upper
131 100
133 97.0 48.3 144.8
119 64.8 32.5 97.5





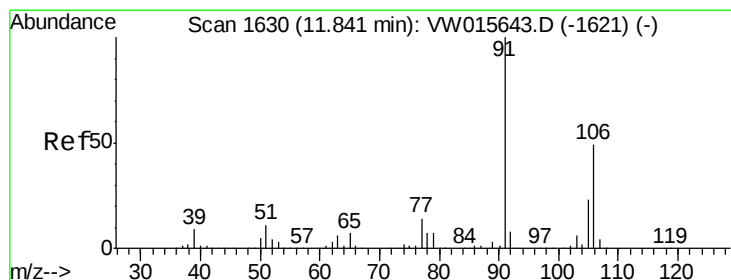
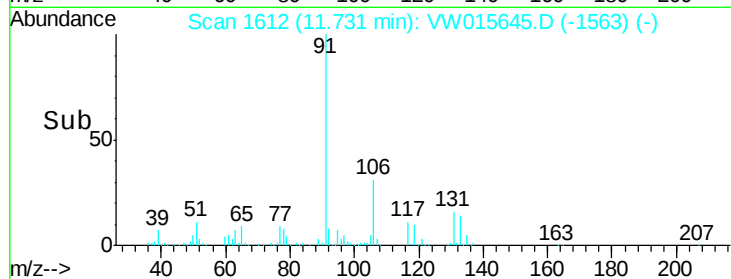
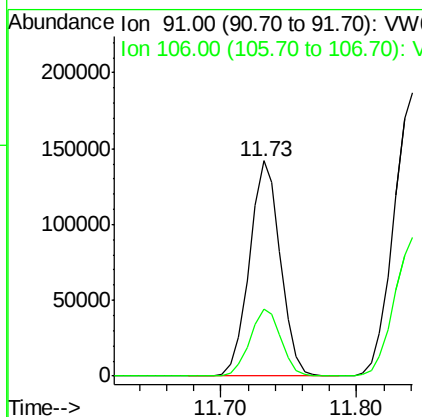
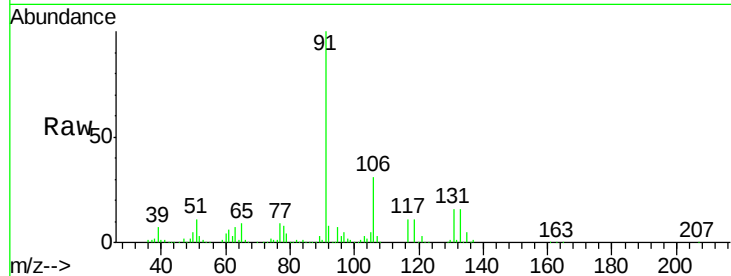
#67
Ethyl Benzene
Concen: 19.781 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion: 91 Resp: 225715
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7

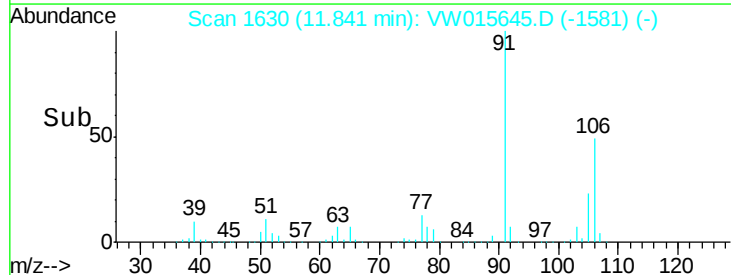
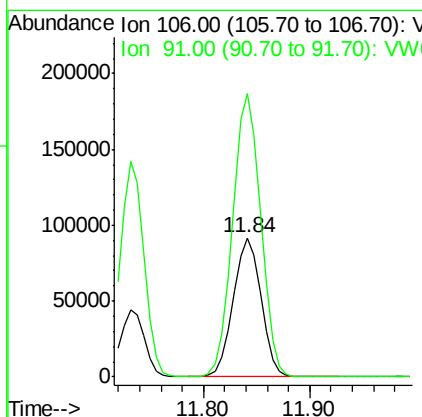
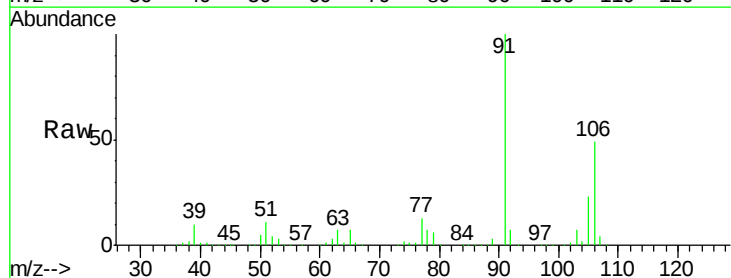
Manual Integrations
APPROVED

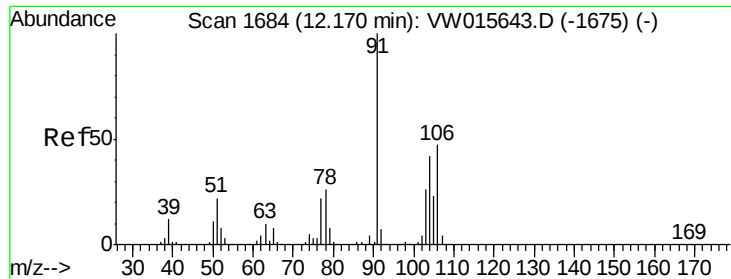
MMDadoda
6/23/2020 11:00:57 AM



#68
m/p-Xylenes
Concen: 39.561 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 106 Resp: 168667
Ion Ratio Lower Upper
106 100
91 205.4 163.5 245.3





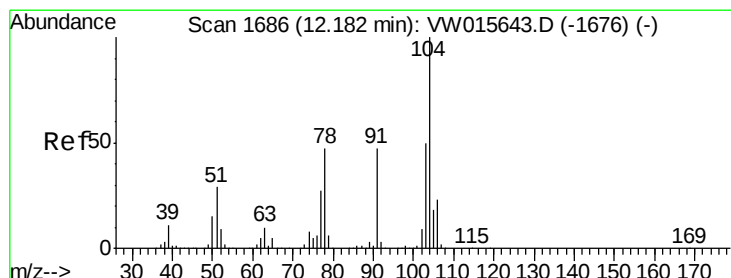
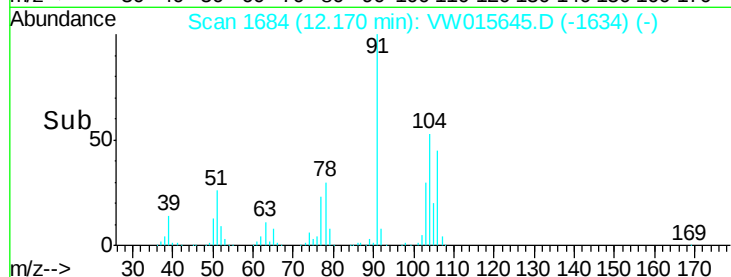
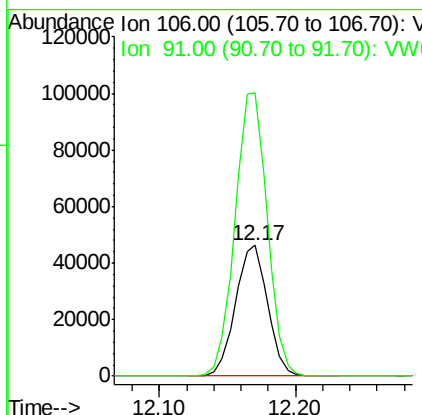
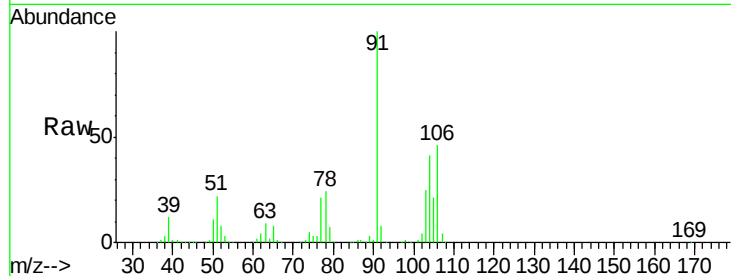
#69
o-Xylene
Concen: 19.048 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampled :
VW0622SBS01

Tot Ion:106 Resp: 75650
Ion Ratio Lower Upper
106 100
91 219.5 107.8 323.4

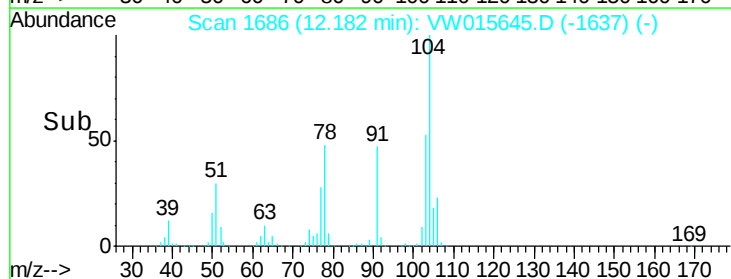
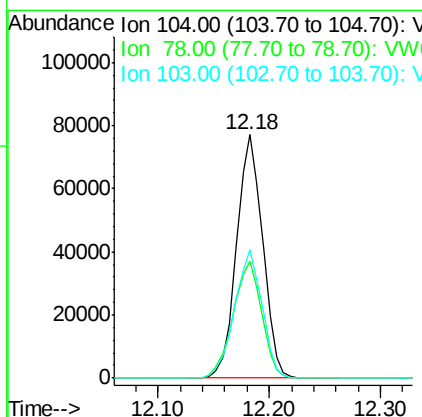
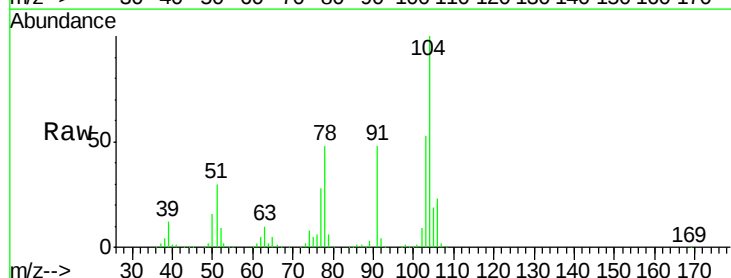
Manual Integrations
APPROVED

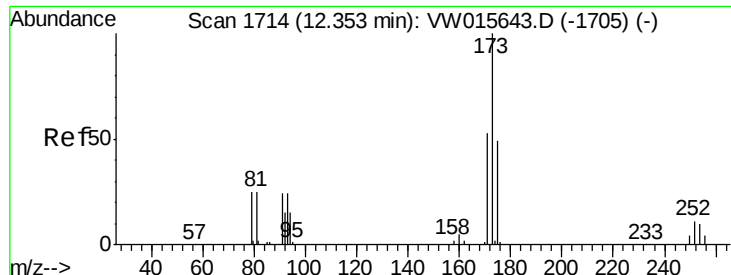
MMDadoda
6/23/2020 11:00:57 AM



#70
Styrene
Concen: 18.437 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion:104 Resp: 125065
Ion Ratio Lower Upper
104 100
78 52.6 41.7 62.5
103 55.8 43.8 65.8





#71

Bromoform

Concen: 15.648 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

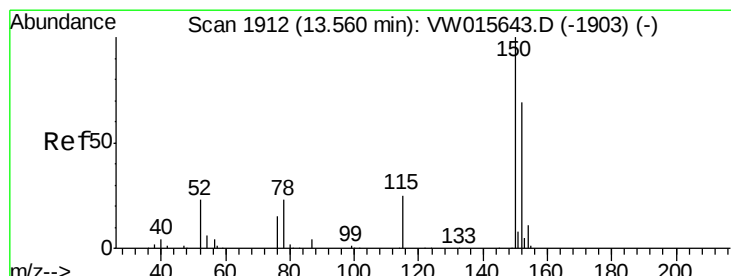
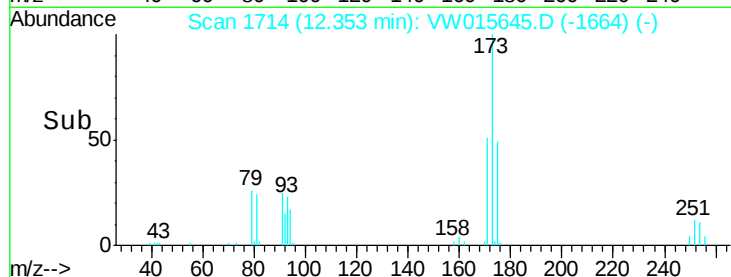
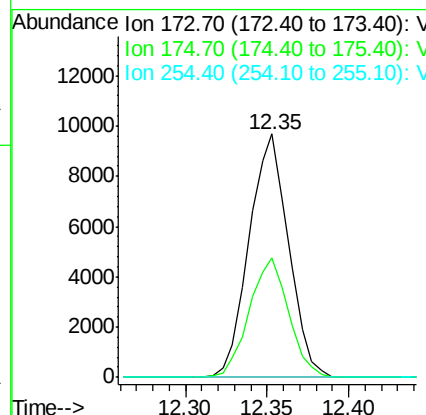
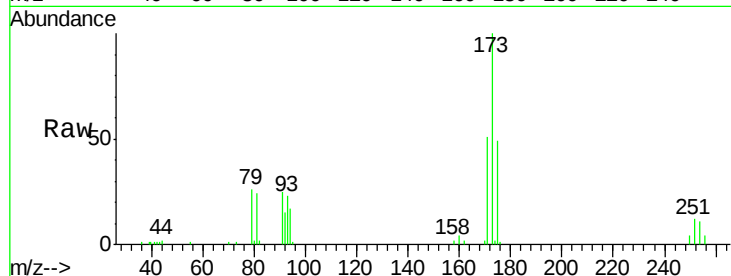
ClientSampleId :

VW0622SBS01

Tot Ion:	173	Resp:	16300
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.8	74.3
254	0.0	0.0	0.0

Manual Integrations
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MMDadoda
6/23/2020 11:00:57 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

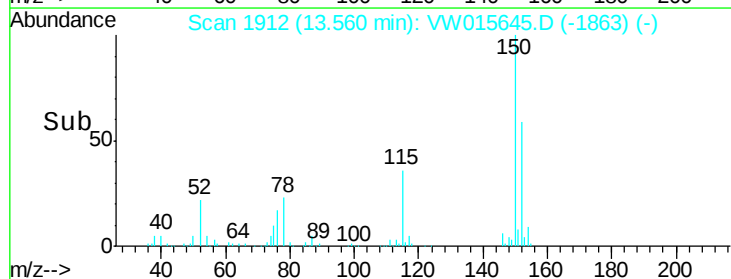
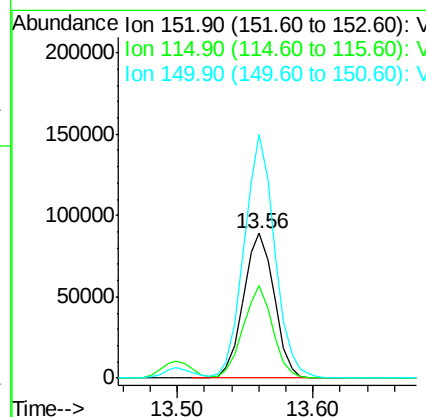
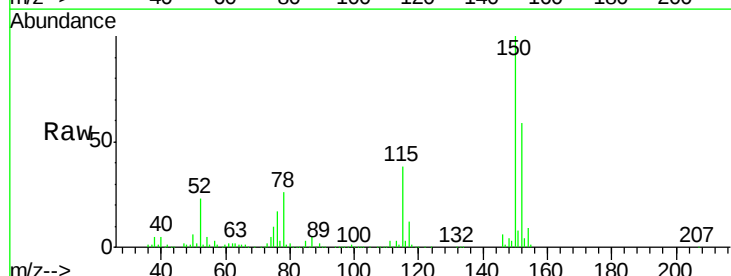
RT: 13.56 min Scan# 1912

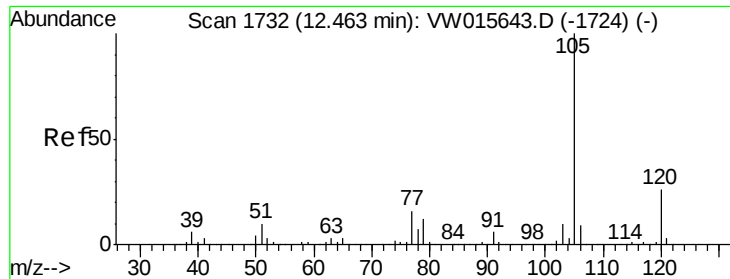
Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Tgt Ion:	152	Resp:	141162
Ion Ratio	Lower	Upper	
152	100		
115	60.7	30.0	90.0
150	166.9	0.0	351.0





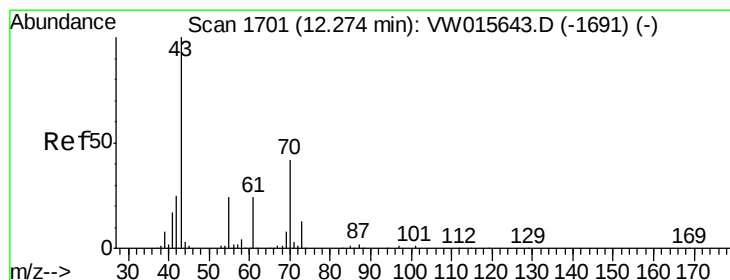
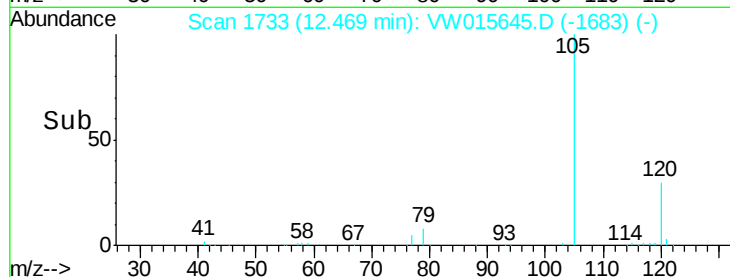
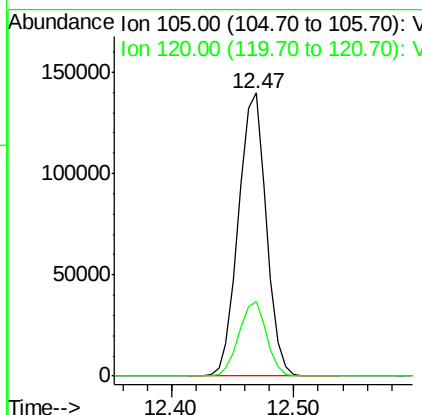
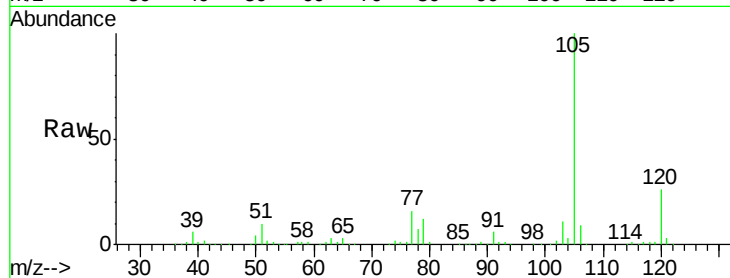
#73
Isopropylbenzene
Concen: 20.325 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion: 105 Resp: 219369
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9

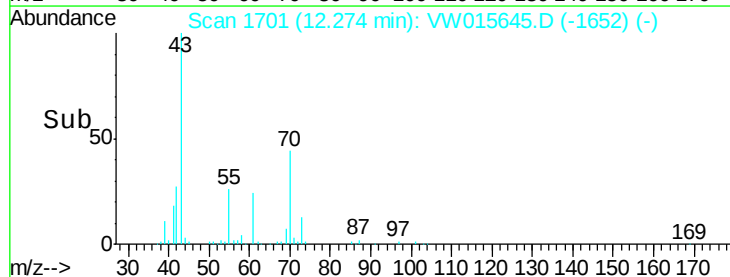
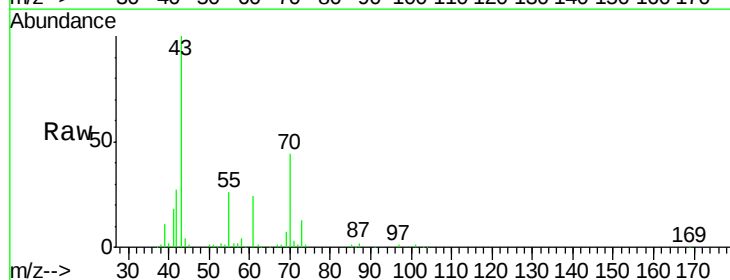
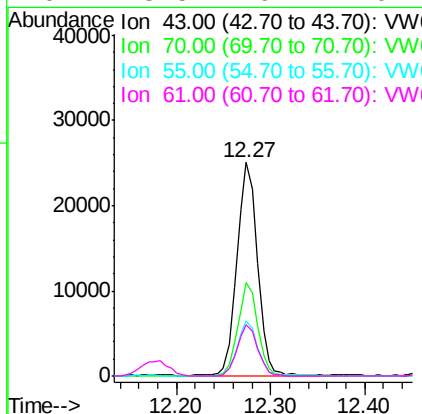
Manual Integrations
APPROVED

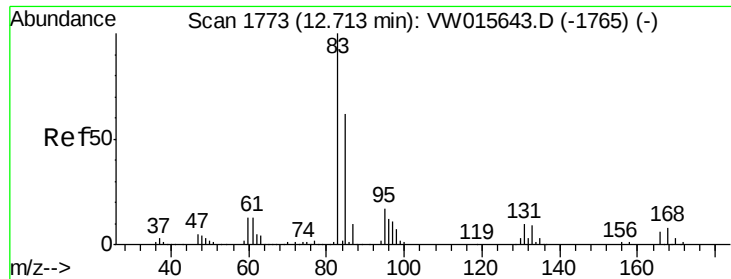
MMDadoda
6/23/2020 11:00:57 AM



#74
N-ethyl acetate
Concen: 16.621 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 43 Resp: 38506
Ion Ratio Lower Upper
43 100
70 41.8 33.6 50.4
55 24.9 19.1 28.7
61 23.5 19.4 29.2





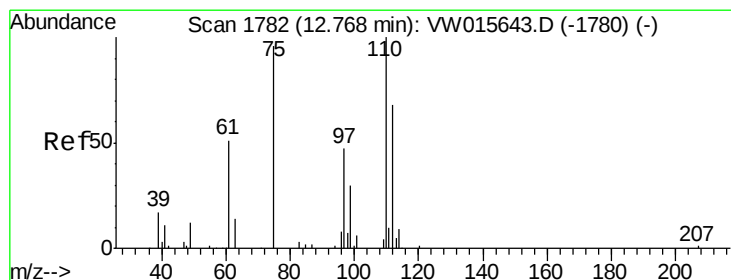
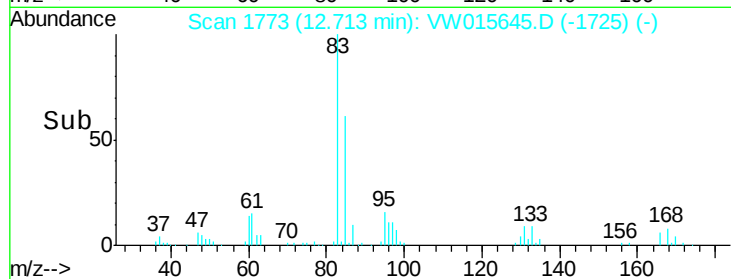
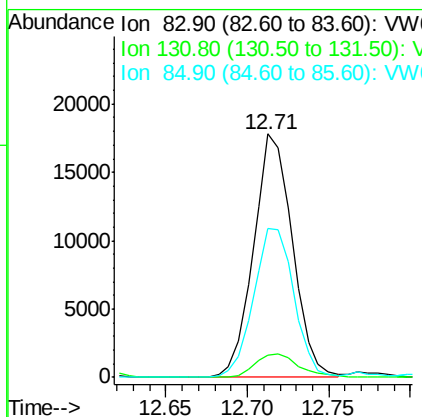
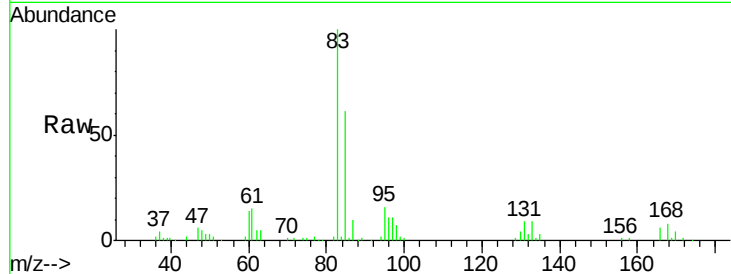
#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.735 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	29495		
131	10.8	5.3	16.1	
85	63.5	32.0	96.0	

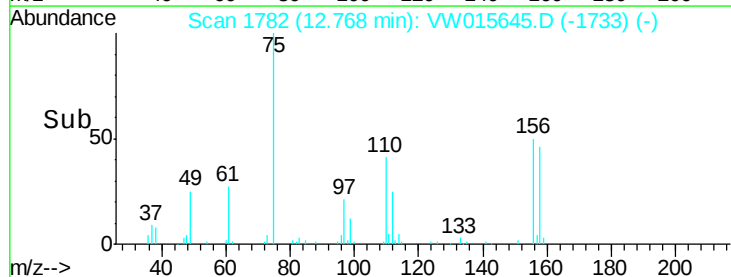
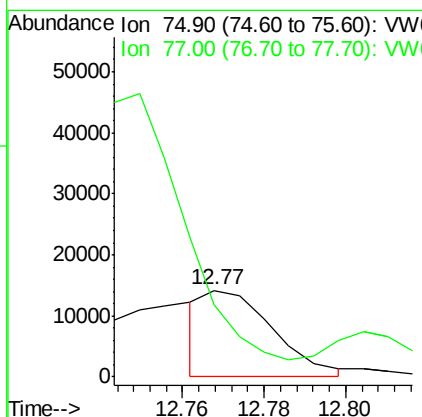
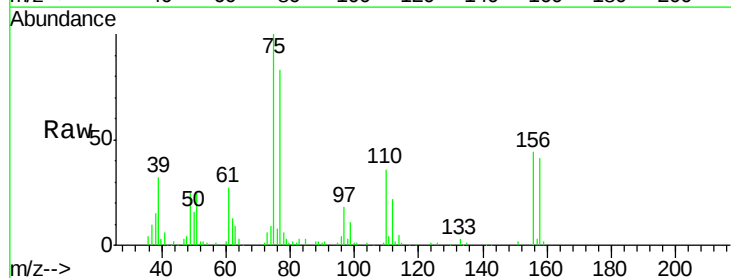
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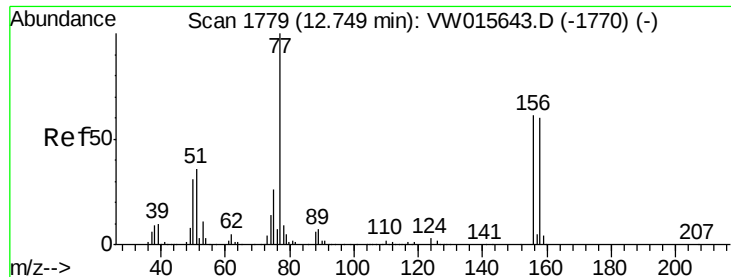
MMDadoda
 6/23/2020 11:00:57 AM



#76
 1,2,3-Trichloropropane
 Concen: 13.987 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16650		
77	509.1	0.0	0.0#	





#77

Bromobenzene

Concen: 19.347 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

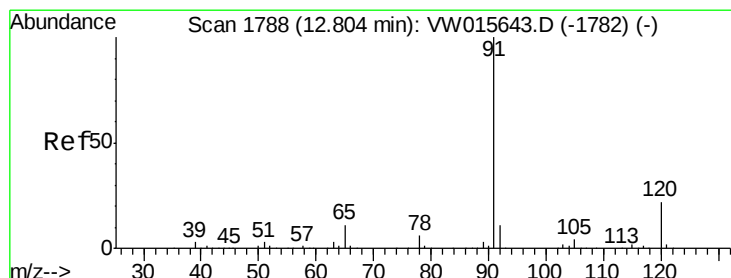
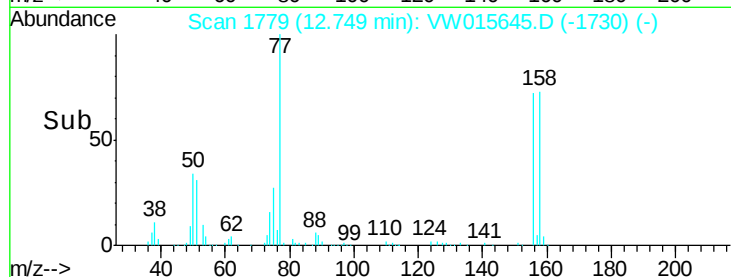
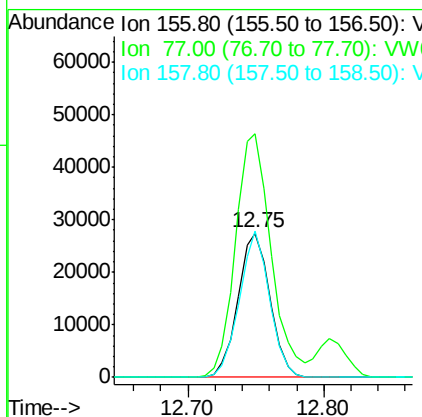
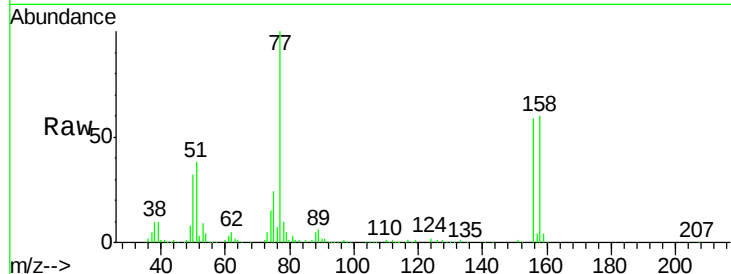
ClientSampleId :

VW0622SBS01

Tot Ion:	156	Resp:	45090
Ion	Ratio	Lower	Upper
156	100		
77	188.0	97.3	291.8
158	95.3	48.5	145.6

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#78

n-propylbenzene

Concen: 20.557 ug/l

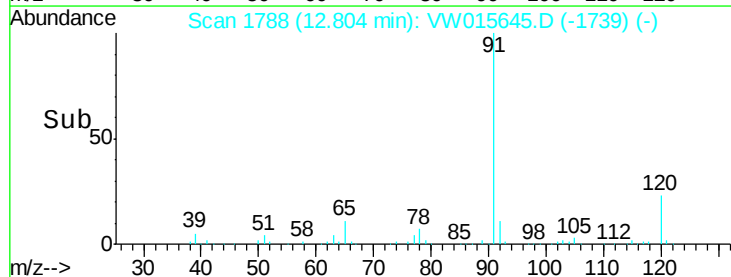
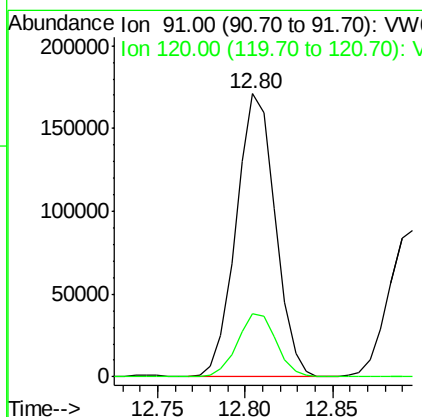
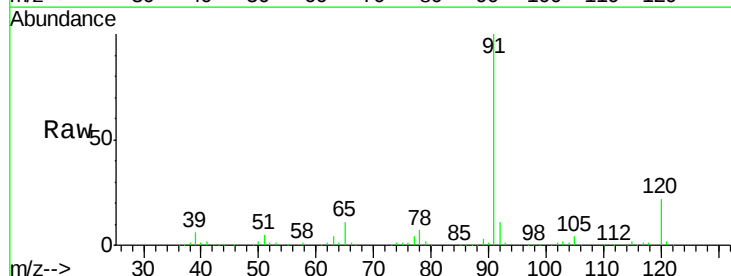
RT: 12.80 min Scan# 1788

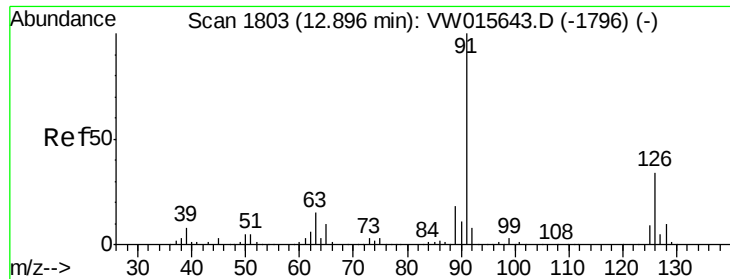
Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Tgt Ion:	91	Resp:	265079
Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8





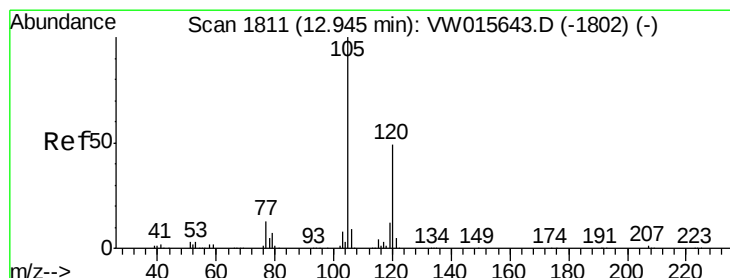
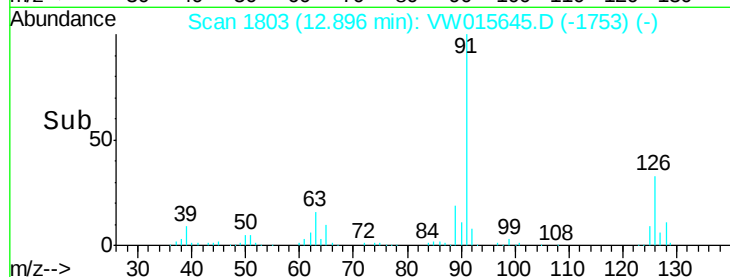
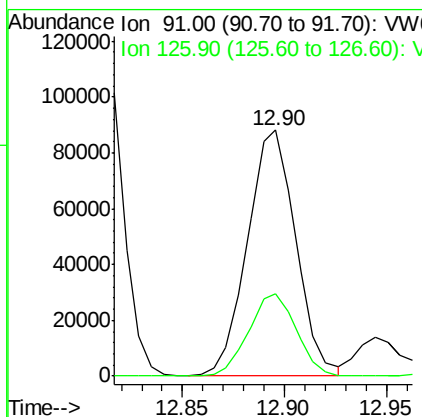
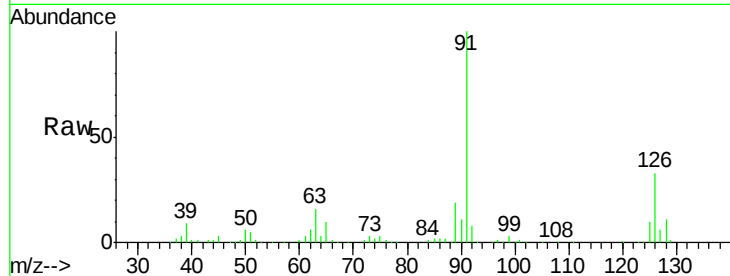
#79
 2-Chlorotoluene
 Concen: 19.804 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.01 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Tot Ion: 91 Resp: 144953
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.2 48.5

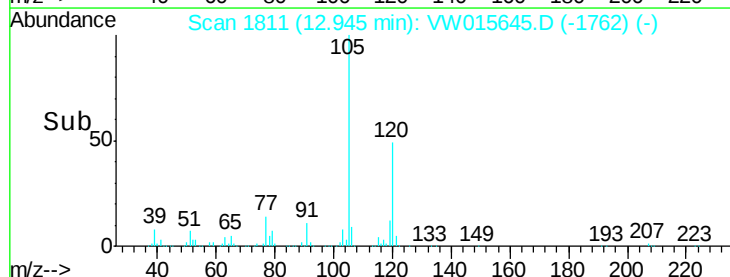
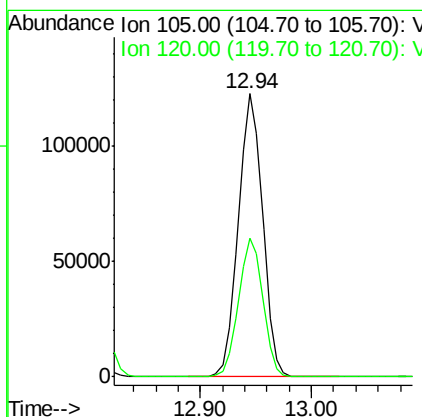
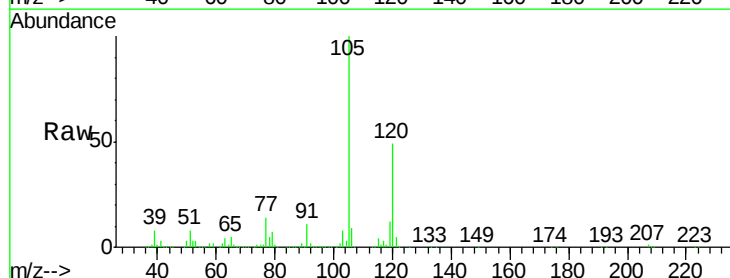
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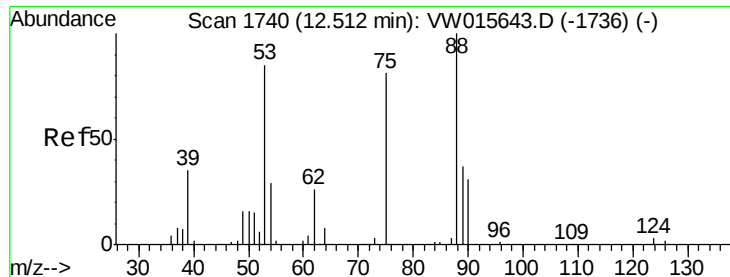
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.404 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion: 105 Resp: 185583
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.7 74.1





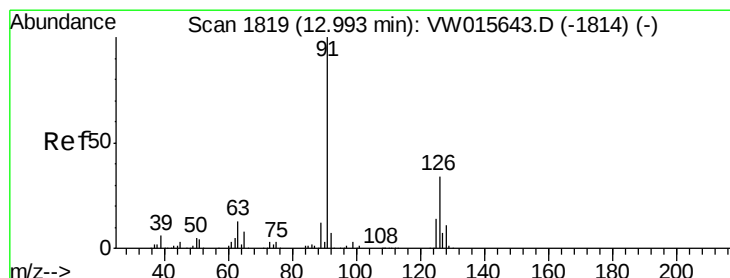
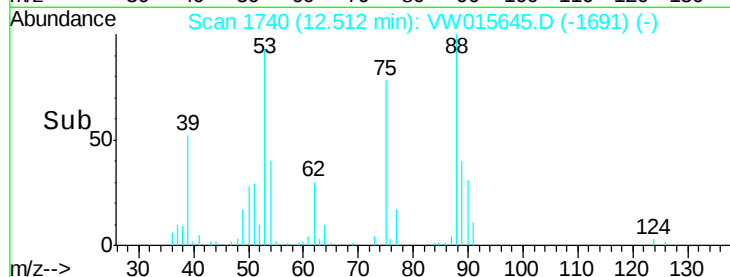
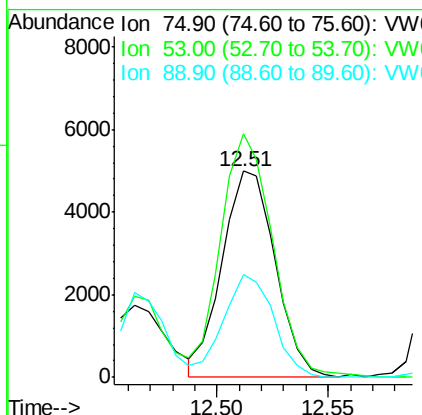
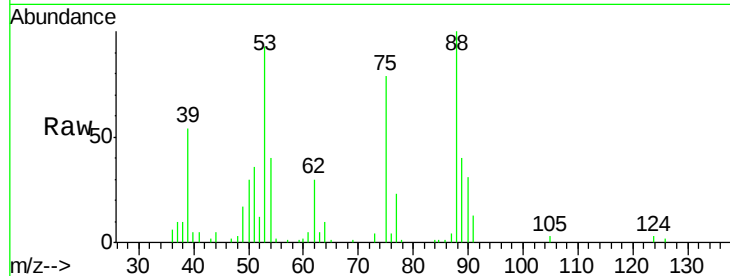
#81
trans-1,4-Dichloro-2-butene
Concen: 14.999 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.5	84.0	126.0
89	47.0	36.6	55.0

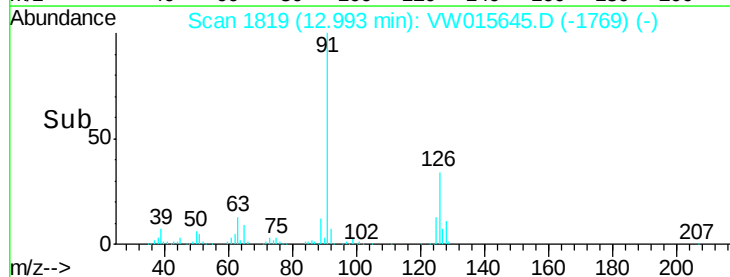
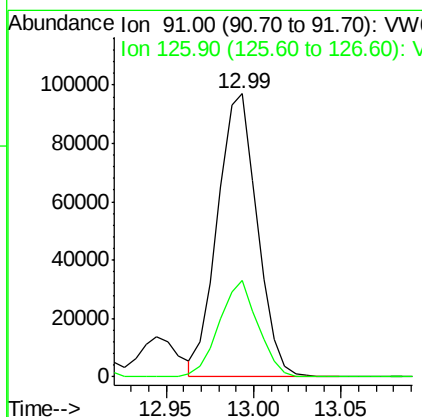
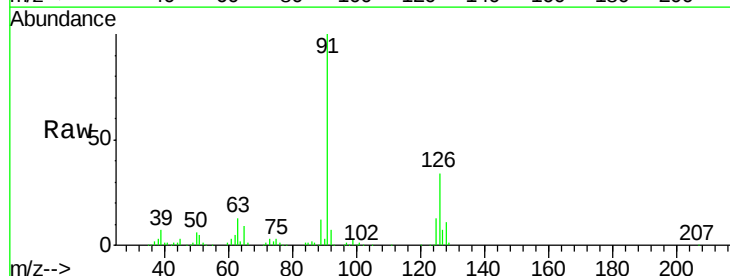
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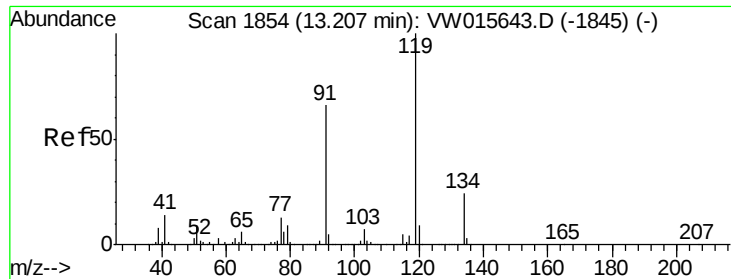
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#82
4-Chlorotoluene
Concen: 20.193 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.4	49.4





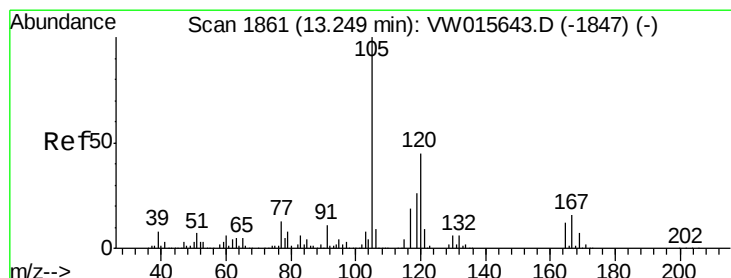
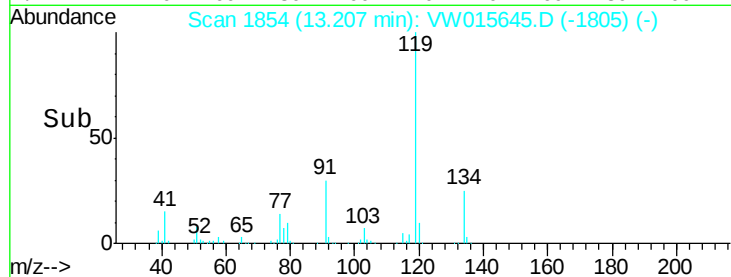
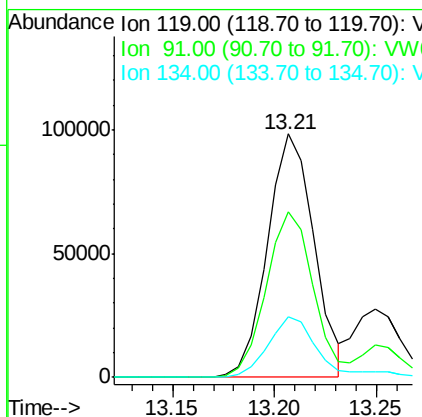
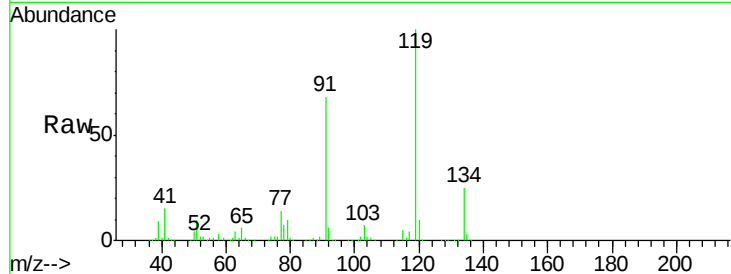
#83
tert-Butylbenzene
Concen: 20.211 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	156881		
91	69.2	34.2	102.5	
134	26.9	12.7	38.1	

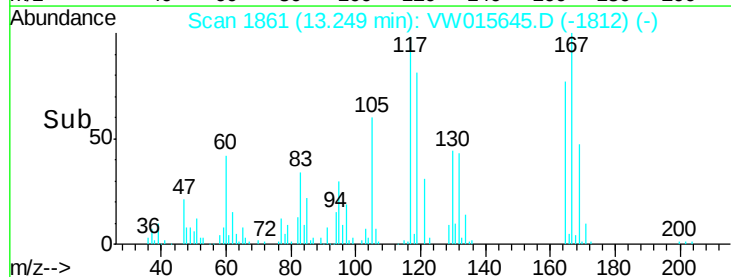
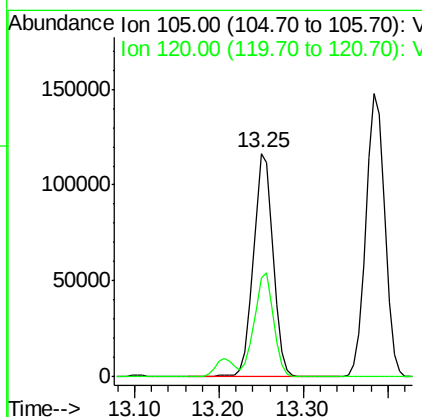
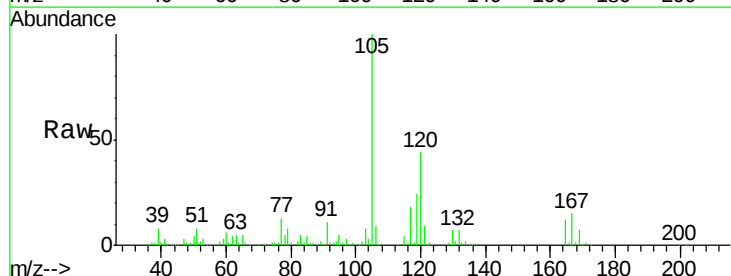
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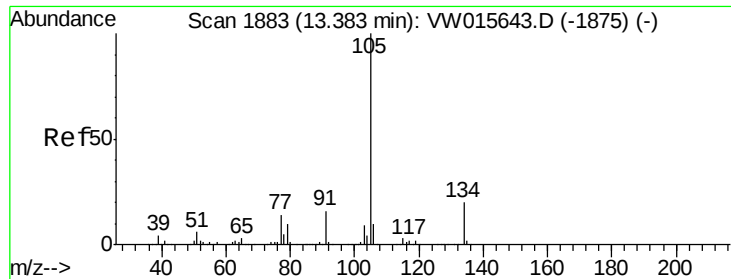
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.194 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	183547		
120	45.5	22.6	67.8	





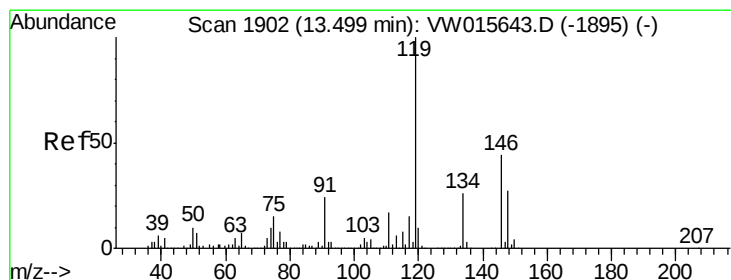
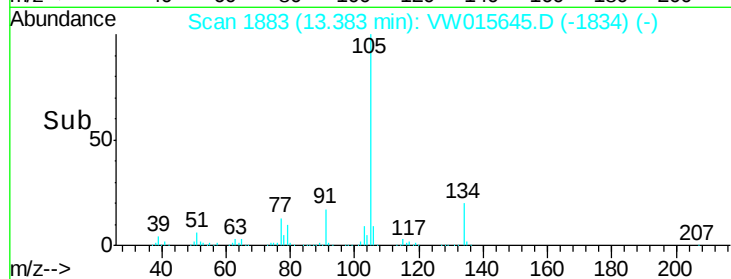
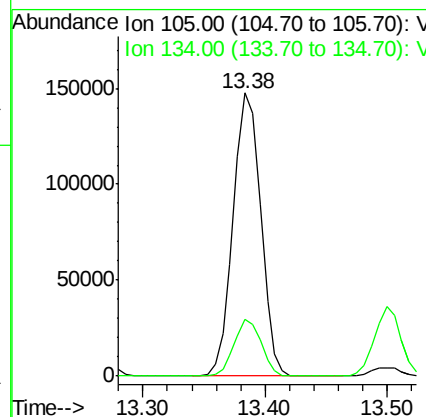
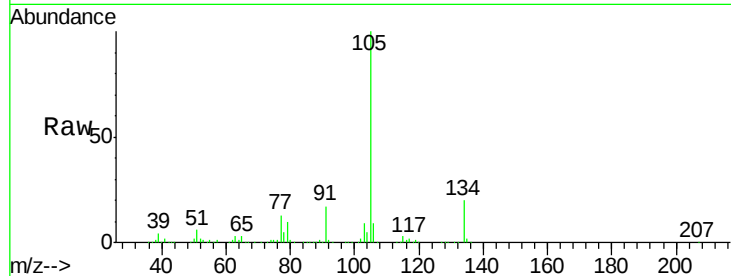
#85
 sec-Butylbenzene
 Concen: 21.069 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.0	30.0

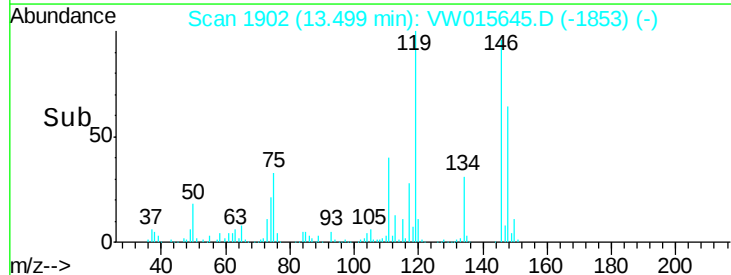
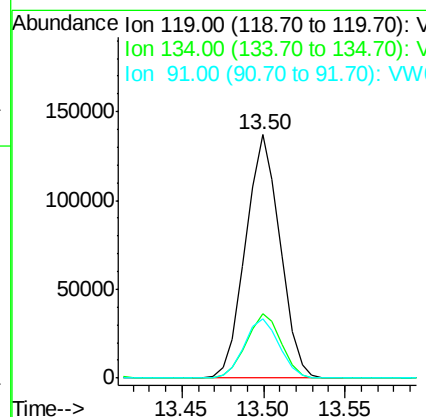
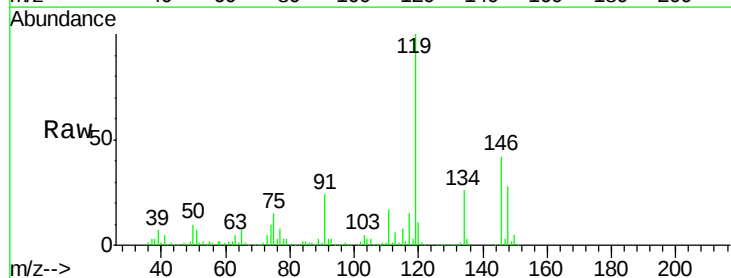
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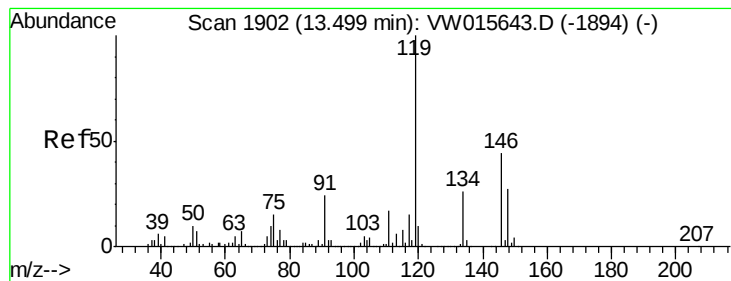
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#86
 p-Isopropyltoluene
 Concen: 20.107 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.2	39.5
91	25.1	12.0	36.0





#87

1,3-Dichlorobenzene

Concen: 20.096 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

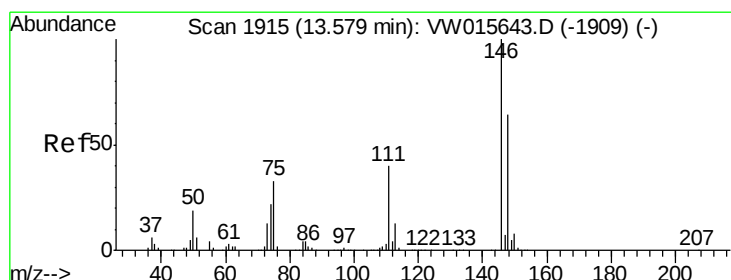
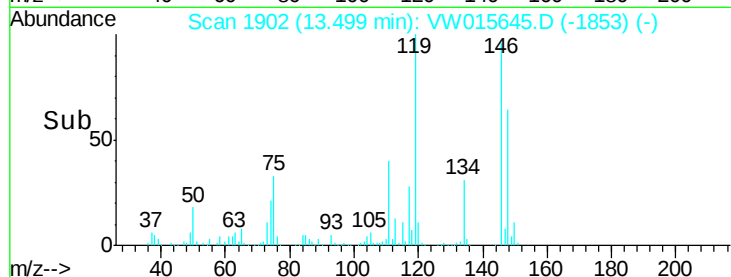
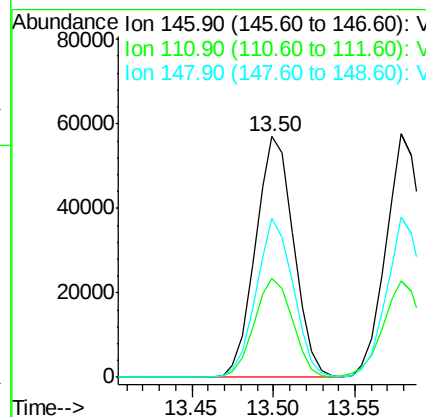
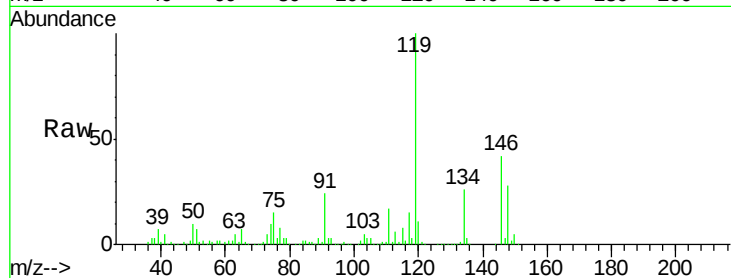
ClientSampleId :

VW0622SBS01

Tot Ion:	146	Resp:	92914
Ion Ratio	Lower	Upper	
146	100		
111	41.3	20.8	62.5
148	64.1	31.2	93.6

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#88

1,4-Dichlorobenzene

Concen: 19.749 ug/l

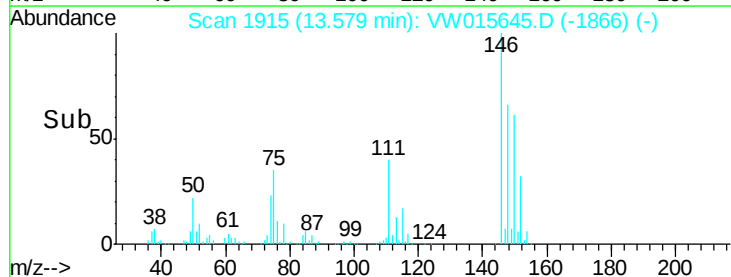
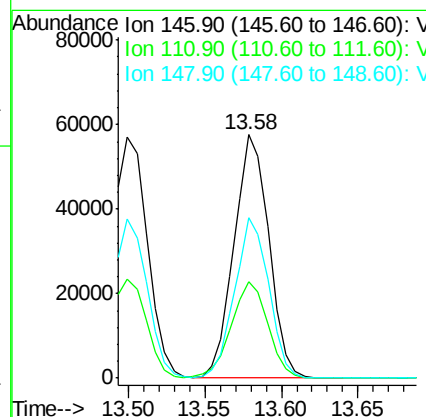
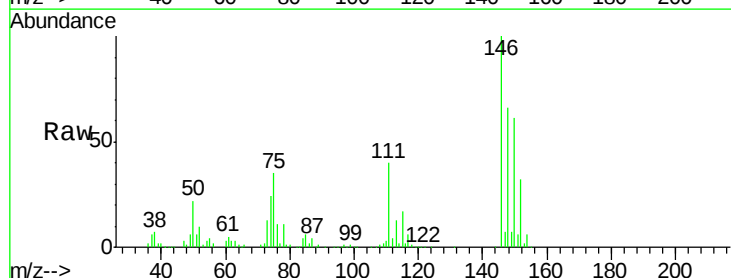
RT: 13.58 min Scan# 1915

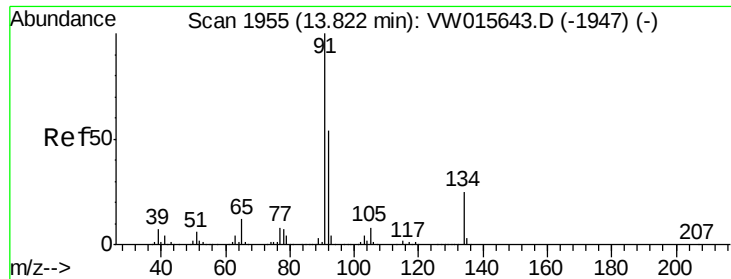
Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Tgt Ion:	146	Resp:	90974
Ion Ratio	Lower	Upper	
146	100		
111	41.8	19.6	58.7
148	64.6	30.9	92.7





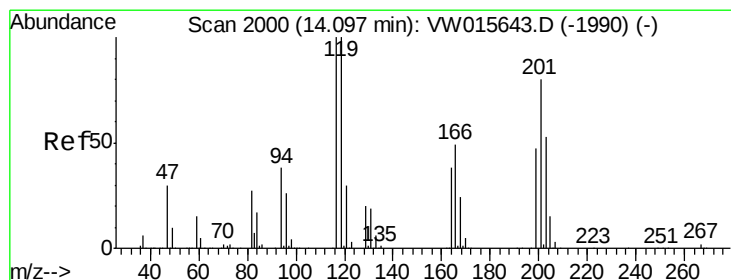
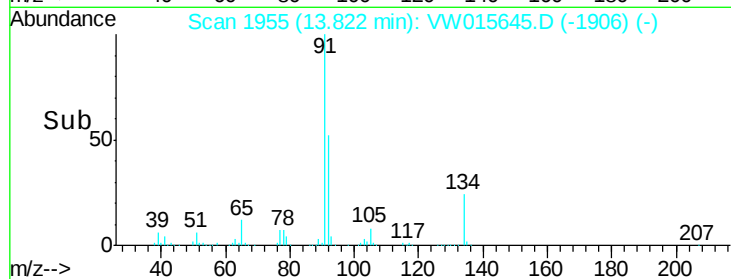
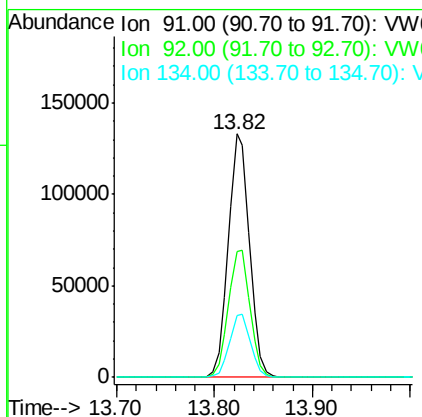
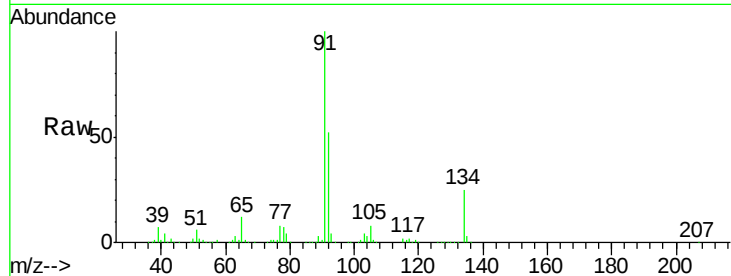
#89
n-Butylbenzene
Concen: 20.655 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	198946		
92	53.6		27.3	81.9
134	25.7		13.1	39.1

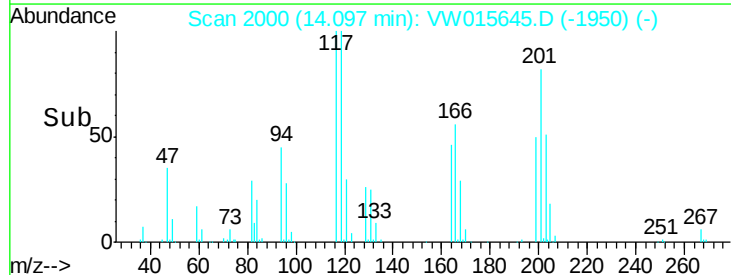
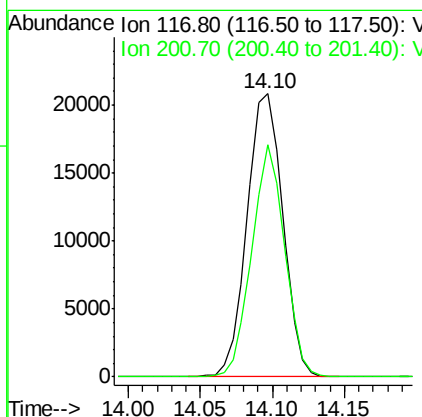
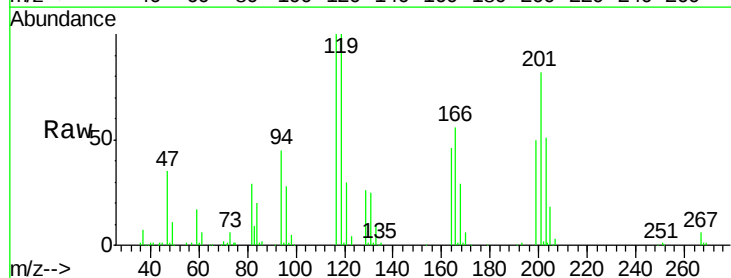
Manual Integrations
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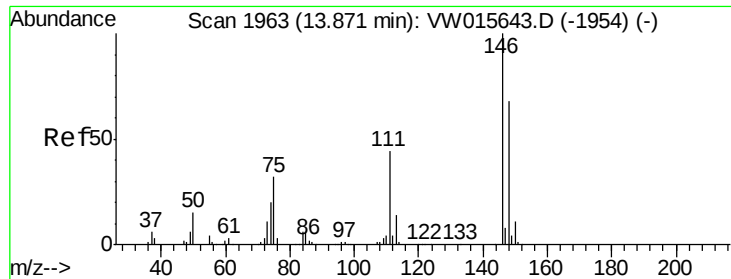
MMDadoda
6/23/2020 11:00:57 AM



#90
Hexachloroethane
Concen: 19.400 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35809		
201	75.4		38.5	115.3





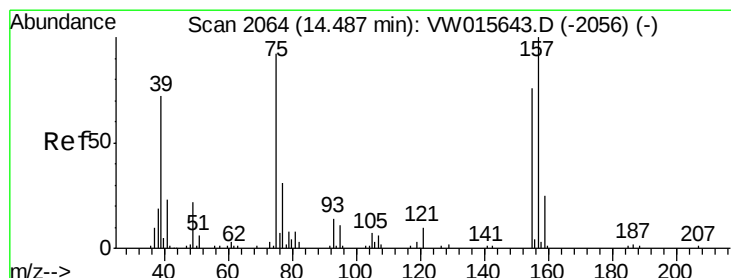
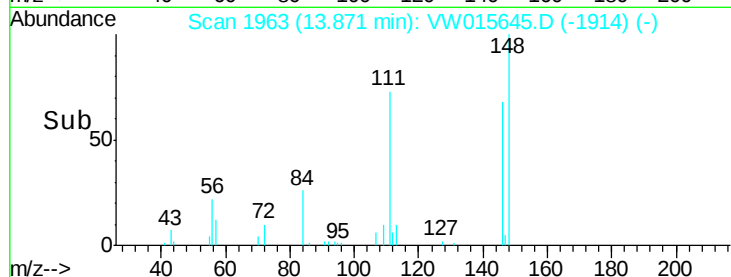
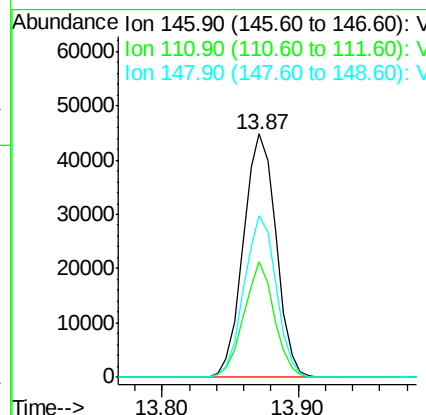
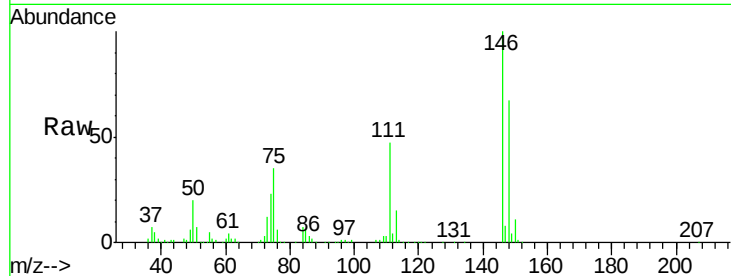
#91
 1,2-Dichlorobenzene
 Concen: 18.673 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	20.9	62.8
148	65.3	32.1	96.5

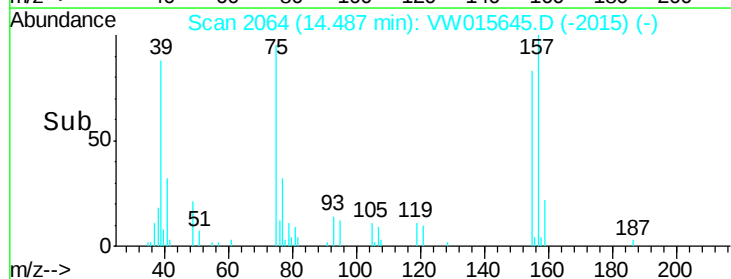
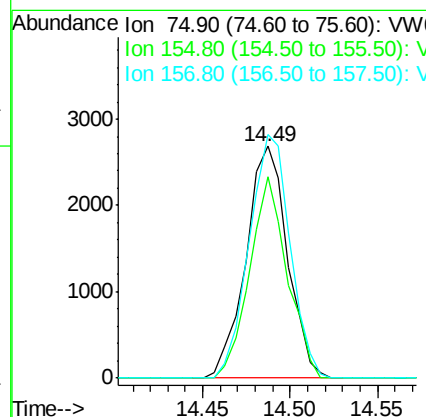
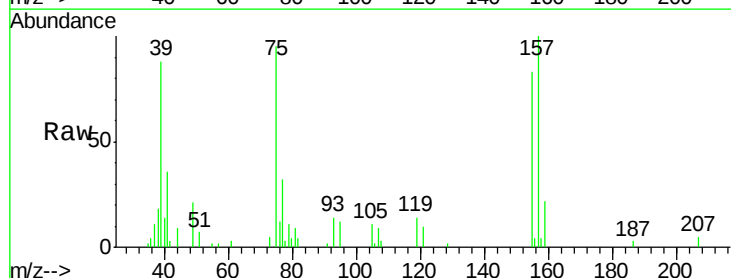
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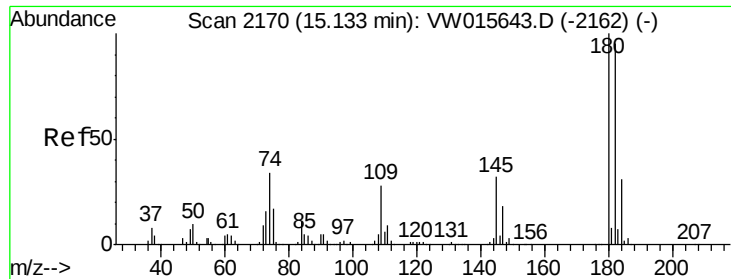
MMDadoda
 6/23/2020 11:00:57 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.475 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.1	40.4	121.1
157	103.4	50.5	151.6





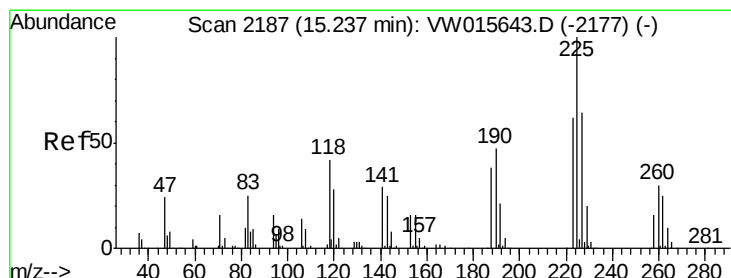
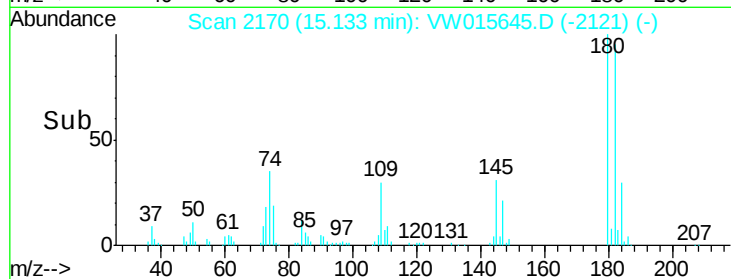
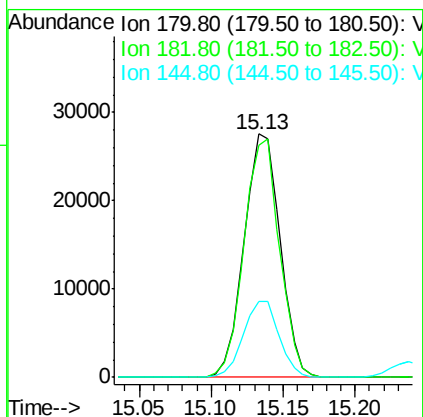
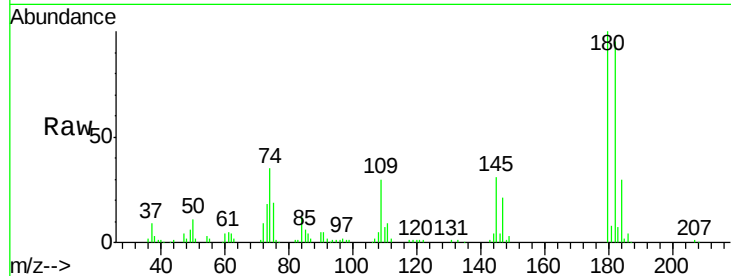
#93
 1,2,4-Trichlorobenzene
 Concen: 17.188 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.7	143.1
145	31.2	15.4	46.2

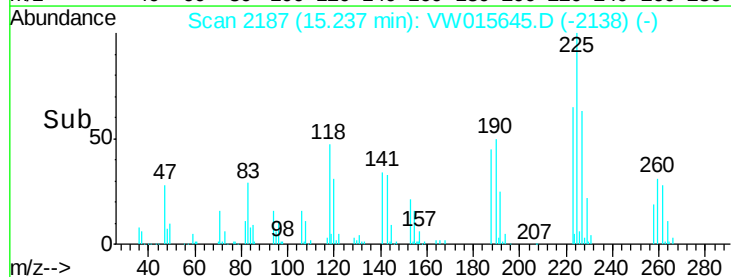
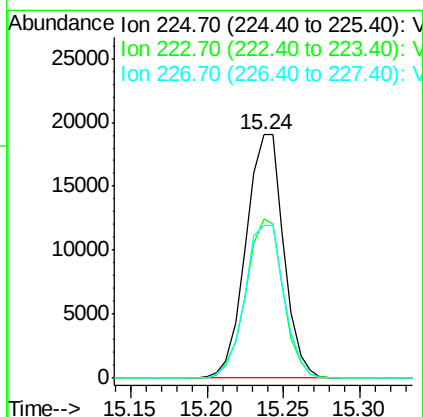
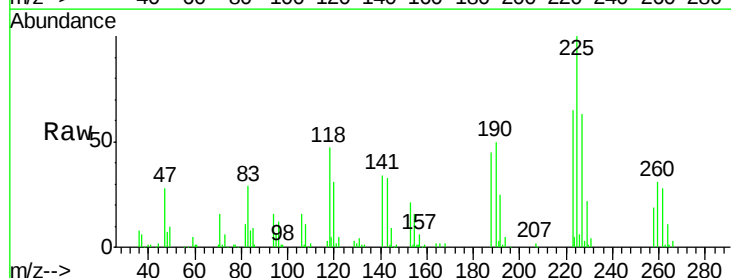
Manual Integrations
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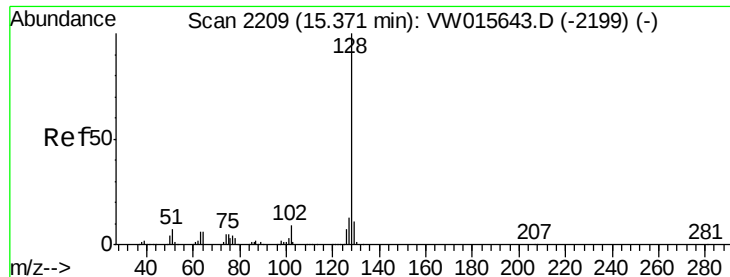
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#94
 Hexachlorobutadiene
 Concen: 19.318 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.8	95.4
227	65.1	32.6	97.8





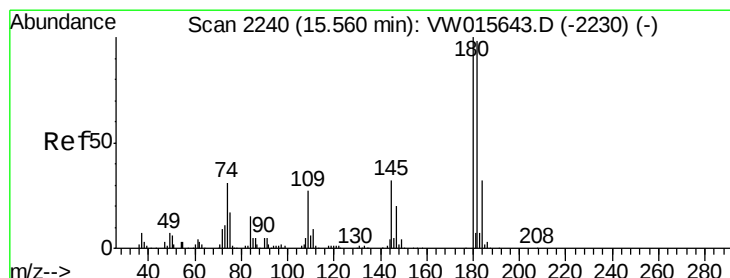
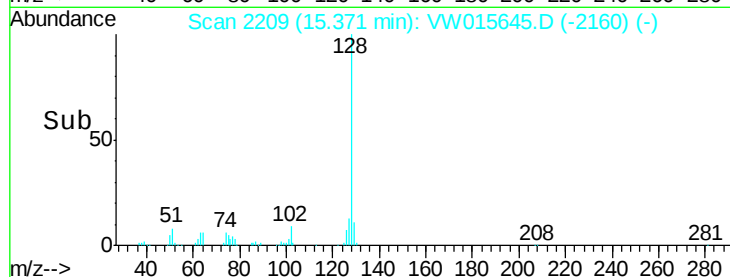
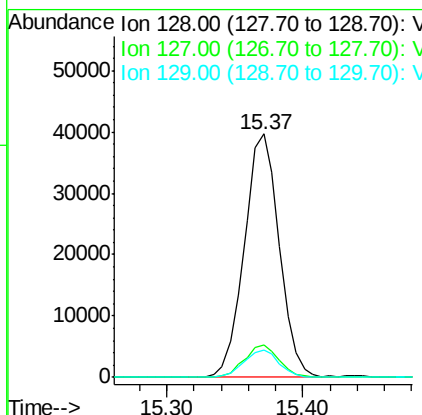
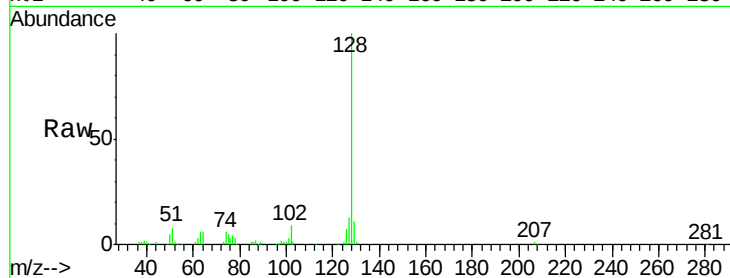
#95
Naphthalene
Concen: 15.206 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

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

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 16.546 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.1	141.4
145	31.9	16.3	48.8

