

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062620\
 Data File : VW015740.D
 Acq On : 26 Jun 2020 11:07
 Operator : SY/VA
 Sample : VW0626SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:33:59 PM

Quant Time: Jun 27 02:02:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	309870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107311	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	7.88	113	95524	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.32	98	384691	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.62	95	139831	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24772	21.451	ug/l	95
3) Chloromethane	2.21	50	30474	22.472	ug/l	96
4) Vinyl Chloride	2.37	62	48824	22.271	ug/l	99
5) Bromomethane	2.78	94	37874	23.505	ug/l	98
6) Chloroethane	2.93	64	33087	22.934	ug/l	99
7) Trichlorofluoromethane	3.26	101	35137	21.346	ug/l	94
8) Diethyl Ether	3.68	74	21165	22.264	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42110	21.703	ug/l	99
10) Methyl Iodide	4.26	142	58402	21.287	ug/l	100
11) Tert butyl alcohol	5.20	59	12280	80.206	ug/l	100
12) 1,1-Dichloroethene	4.03	96	40714	21.550	ug/l	94
13) Acrolein	3.89	56	13594	90.810	ug/l	99
14) Allyl chloride	4.67	41	65833	21.478	ug/l	99
15) Acrylonitrile	5.37	53	41187	105.009	ug/l	99
16) Acetone	4.13	43	43694	106.659	ug/l	100
17) Carbon Disulfide	4.38	76	108395	19.935	ug/l	100
18) Methyl Acetate	4.67	43	20794	21.932	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	63011	22.161	ug/l	96
20) Methylene Chloride	4.91	84	52749	24.065	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	46664	21.543	ug/l	97
22) Diisopropyl ether	6.31	45	134551	22.071	ug/l	95
23) Vinyl Acetate	6.26	43	375003	105.484	ug/l	99
24) 1,1-Dichloroethane	6.21	63	84275	21.961	ug/l	99
25) 2-Butanone	7.18	43	55317	99.910	ug/l	100
26) 2,2-Dichloropropane	7.17	77	53280	20.701	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	50849	21.822	ug/l	100
28) Bromochloromethane	7.51	49	30961	20.975	ug/l	97
29) Tetrahydrofuran	7.54	42	33659	103.452	ug/l	98
30) Chloroform	7.68	83	85485	21.721	ug/l	98
31) Cyclohexane	7.95	56	79238	21.346	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	71977	21.455	ug/l	99
36) 1,1-Dichloropropene	8.08	75	70005	21.721	ug/l	99
37) Ethyl Acetate	7.26	43	25740	20.917	ug/l	99
38) Carbon Tetrachloride	8.07	117	66957	21.432	ug/l	98

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Manual Integrations
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MMDadoda
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Quant Time: Jun 27 02:02:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82609	21.162	ug/l	99
40) Benzene	8.32	78	189823	21.661	ug/l	98
41) Methacrylonitrile	7.48	41	14735	20.863	ug/l	98
42) 1,2-Dichloroethane	8.40	62	59061	21.785	ug/l	99
43) Isopropyl Acetate	8.43	43	50753	20.667	ug/l	100
44) Trichloroethene	9.09	130	50214	21.258	ug/l	91
45) 1,2-Dichloropropane	9.37	63	46920	21.904	ug/l	99
46) Dibromomethane	9.46	93	23515	21.217	ug/l	99
47) Bromodichloromethane	9.65	83	60416	20.899	ug/l	99
48) Methyl methacrylate	9.44	41	23417	20.857	ug/l	99
49) 1,4-Dioxane	9.46	88	5893	405.325	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	122471	103.413	ug/l	100
52) Toluene	10.39	92	123919	21.899	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	57054	20.429	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	69981	20.975	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	33376	21.660	ug/l	99
56) Ethyl methacrylate	10.65	69	40393	21.067	ug/l	96
57) 1,3-Dichloropropane	10.93	76	59095	21.632	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	96886	106.783	ug/l	99
59) 2-Hexanone	10.97	43	83581	103.665	ug/l	98
60) Dibromochloromethane	11.13	129	36852	20.522	ug/l	99
61) 1,2-Dibromoethane	11.24	107	30713	20.852	ug/l	100
64) Tetrachloroethene	10.87	164	42556	21.716	ug/l	98
65) Chlorobenzene	11.66	112	129420	22.006	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	44677	21.666	ug/l	97
67) Ethyl Benzene	11.73	91	243317	22.230	ug/l	99
68) m/p-Xylenes	11.84	106	182169	44.324	ug/l	97
69) o-Xylene	12.16	106	82077	21.720	ug/l	98
70) Styrene	12.18	104	140805	21.809	ug/l	98
71) Bromoform	12.35	173	19223	20.261	ug/l #	99
73) Isopropylbenzene	12.46	105	233908	21.424	ug/l	100
74) N-amyl acetate	12.27	43	47301	20.437	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	36868	21.108	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	26077m	19.975	ug/l	
77) Bromobenzene	12.75	156	51191	21.027	ug/l	98
78) n-propylbenzene	12.80	91	289625	22.038	ug/l	100
79) 2-Chlorotoluene	12.89	91	163909	22.151	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	201690	21.801	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9532	18.400	ug/l	87
82) 4-Chlorotoluene	12.99	91	170440	21.772	ug/l	99
83) tert-Butylbenzene	13.21	119	170096	21.761	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	202380	21.936	ug/l	99
85) sec-Butylbenzene	13.38	105	247852	22.186	ug/l	99
86) p-Isopropyltoluene	13.50	119	225450	22.212	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	105023	21.731	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	106339	22.216	ug/l	96
89) n-Butylbenzene	13.82	91	218337	22.408	ug/l	99
90) Hexachloroethane	14.10	117	37398	20.704	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	91847	21.980	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5811	20.776	ug/l	95

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MSVOA_W
ClientSampleId :
VW0626SBS01

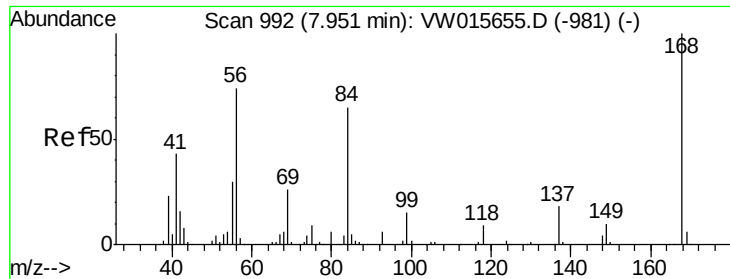
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	61157	22.163	ug/l	99
94) Hexachlorobutadiene	15.24	225	37235	21.181	ug/l	99
95) Naphthalene	15.37	128	97330	21.326	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	51208	21.554	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBS01

Tot Ion:168 Resp: 193678

Ion Ratio Lower Upper

168 100

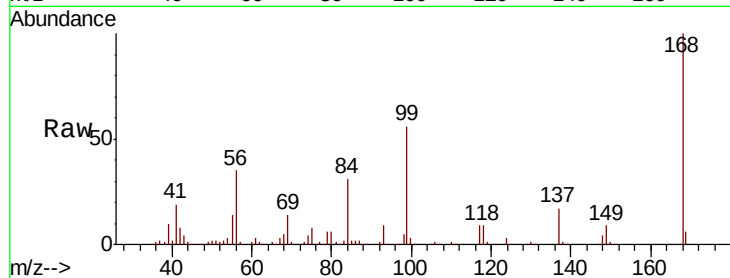
99 56.4 48.6 73.0

Manual Integrations

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6/29/2020 12:33:59 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

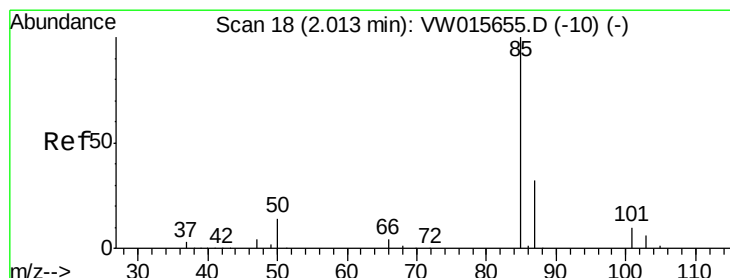
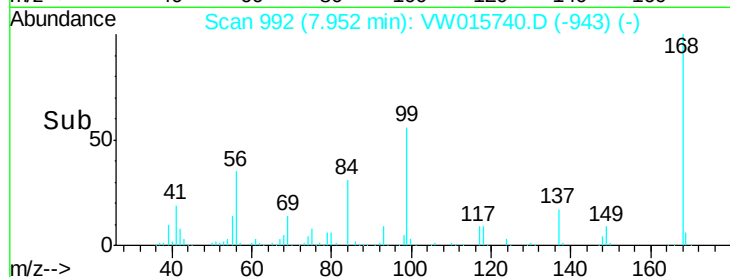
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.451 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015740.D

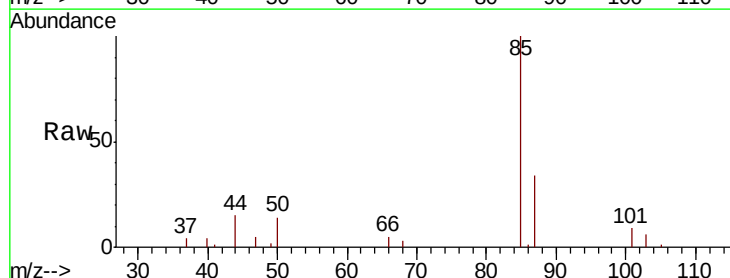
Acq: 26 Jun 2020 11:07

Tgt Ion: 85 Resp: 24772

Ion Ratio Lower Upper

85 100

87 34.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

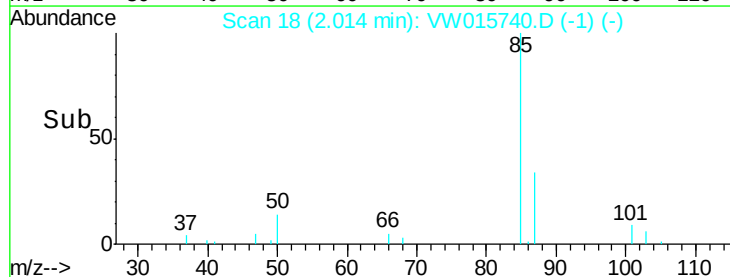
4000

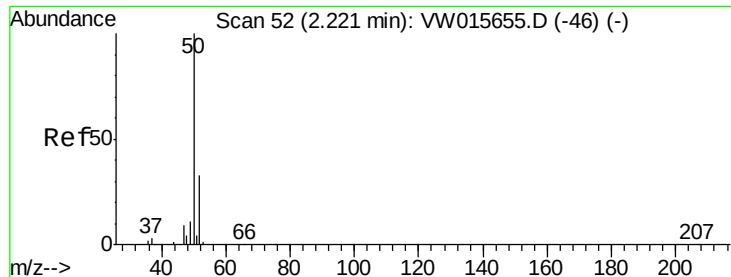
2000

0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 22.472 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBS01

Tot Ion: 50 Resp: 30474

Ion Ratio Lower Upper

50 100

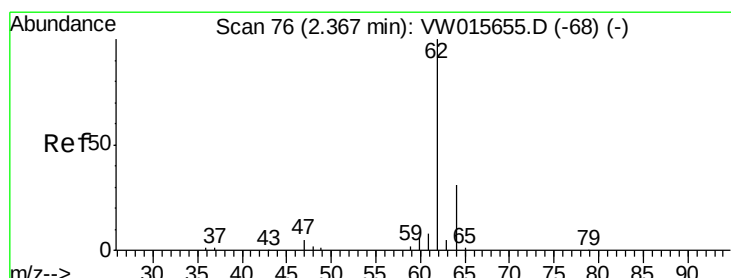
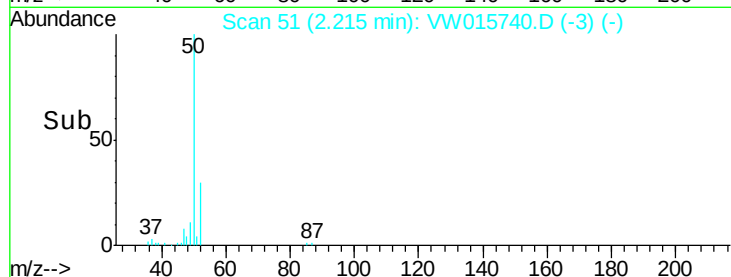
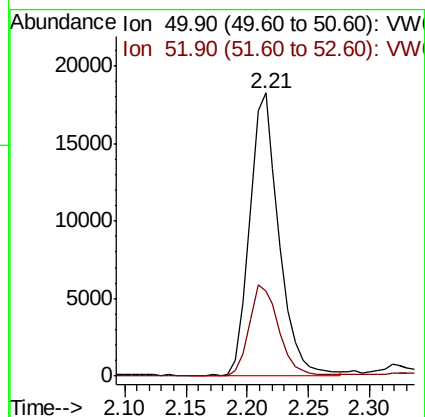
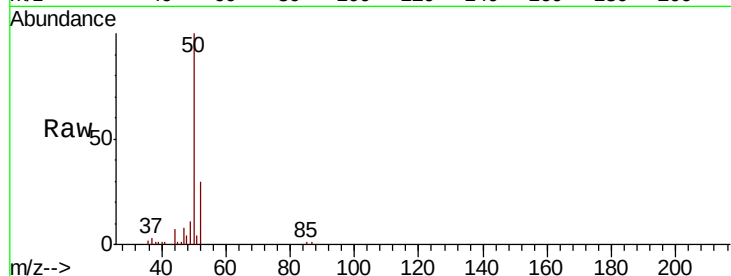
52 30.0 26.0 39.0

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 22.271 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015740.D

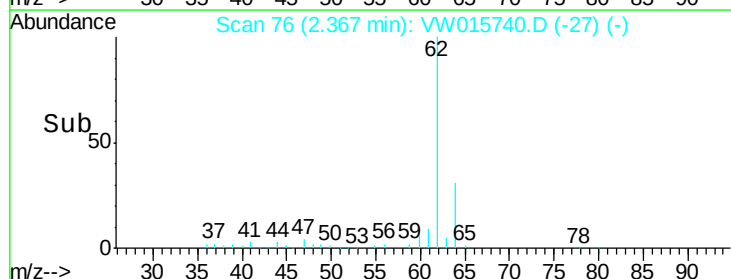
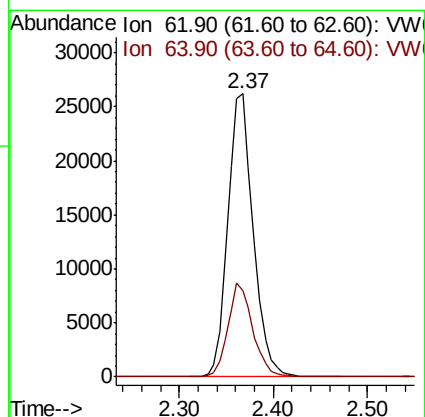
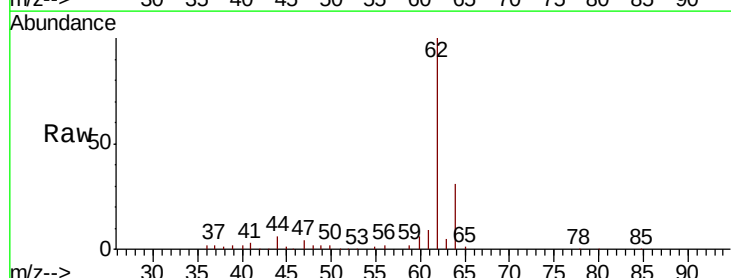
Acq: 26 Jun 2020 11:07

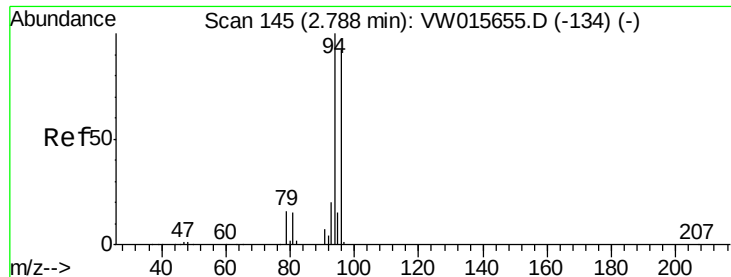
Tgt Ion: 62 Resp: 48824

Ion Ratio Lower Upper

62 100

64 30.7 25.1 37.7





#5

Bromomethane

Concen: 23.505 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBS01

Tot Ion: 94 Resp: 37874

Ion Ratio Lower Upper

94 100

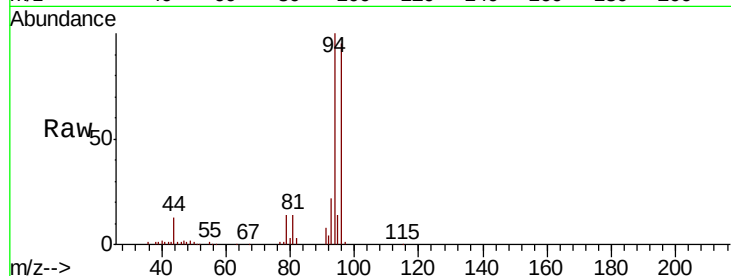
96 94.4 73.8 110.6

Manual Integrations

APPROVED

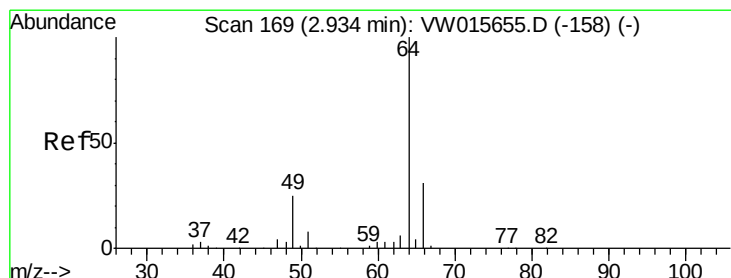
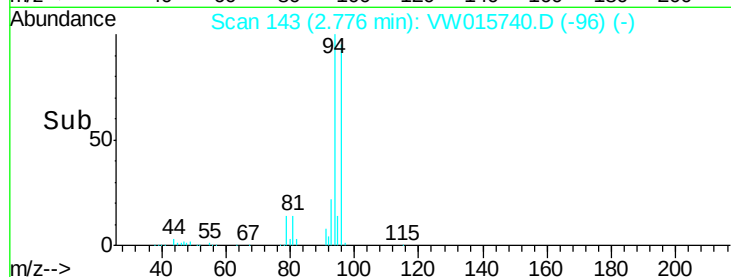
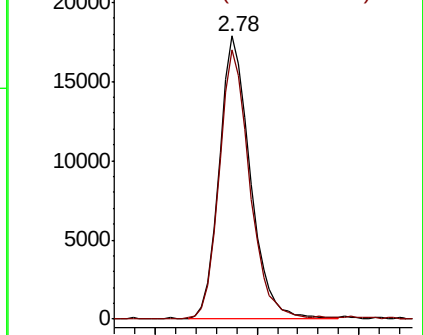
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 22.934 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015740.D

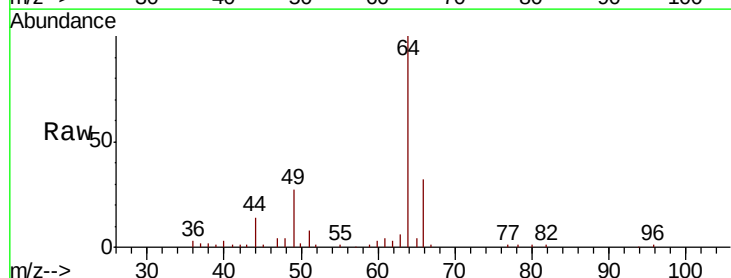
Acq: 26 Jun 2020 11:07

Tgt Ion: 64 Resp: 33087

Ion Ratio Lower Upper

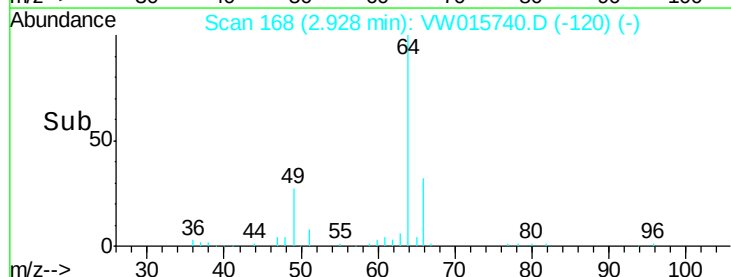
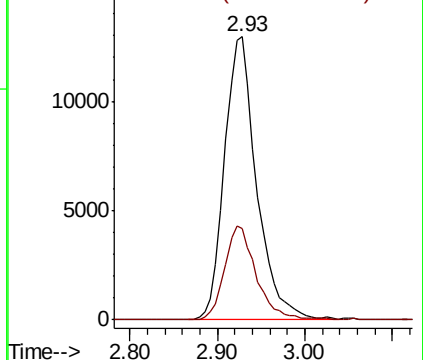
64 100

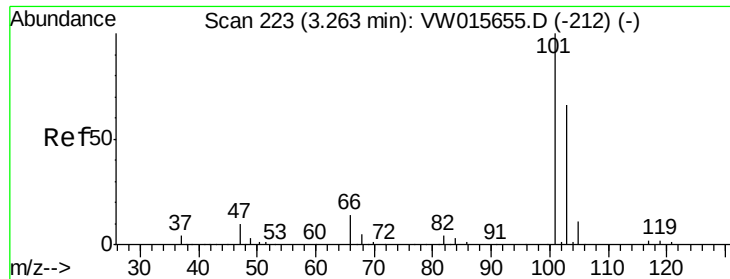
66 32.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

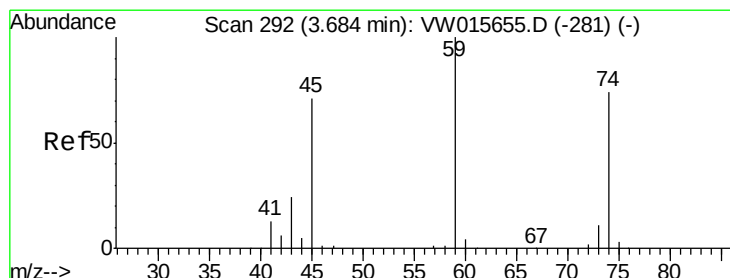
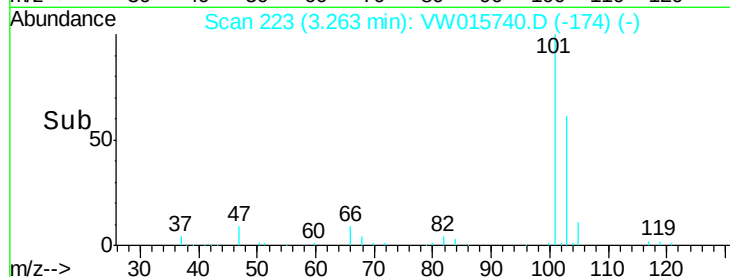
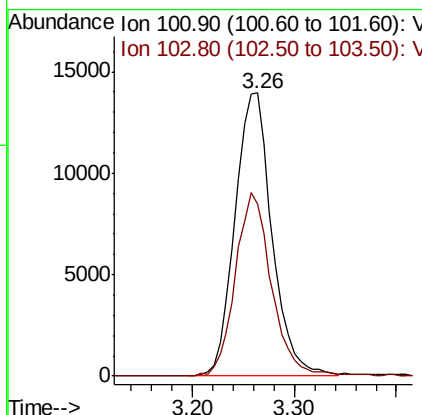
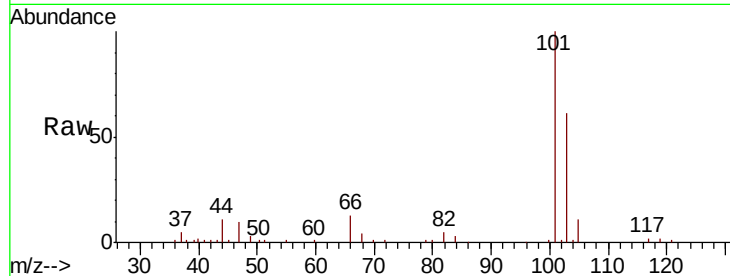
Trichlorofluoromethane
Concen: 21.346 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

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MSVOA_W
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VW0626SBS01

Tot Ion:101 Resp: 35137
Ion Ratio Lower Upper
101 100
103 60.7 52.6 78.8

Manual Integrations
APPROVED

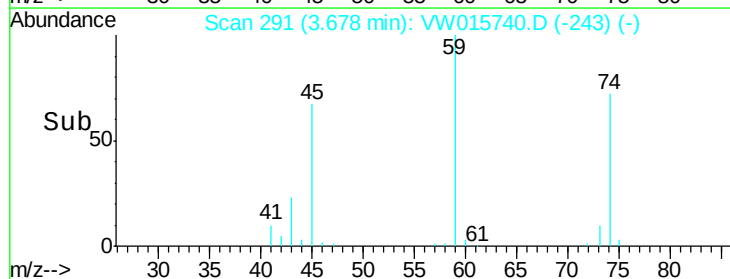
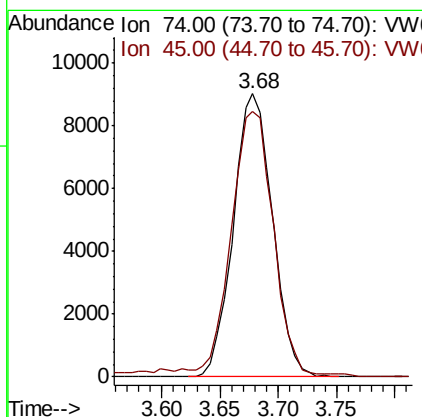
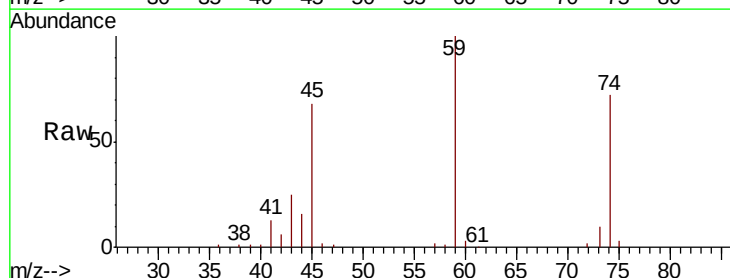
MMDadoda
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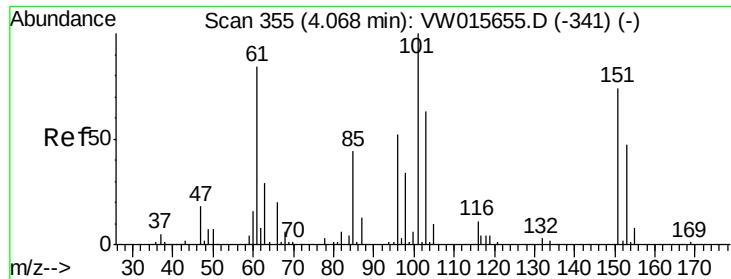


#8

Diethyl Ether
Concen: 22.264 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion: 74 Resp: 21165
Ion Ratio Lower Upper
74 100
45 97.9 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.703 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Instrument :

MSVOA_W

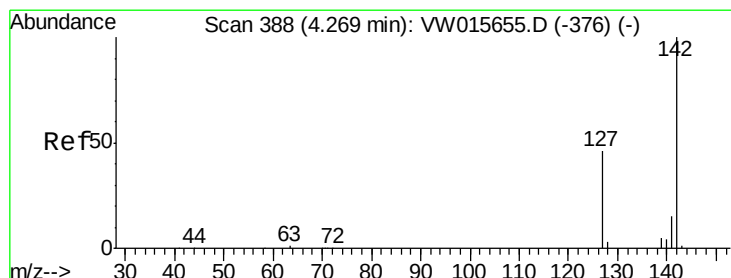
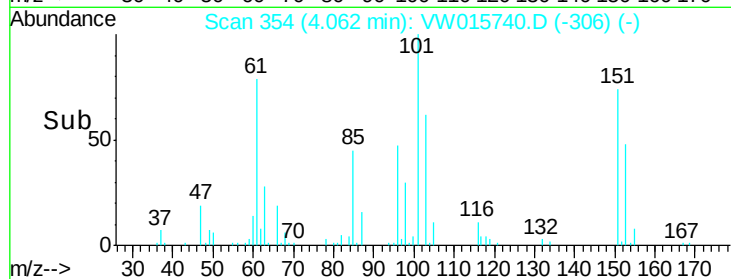
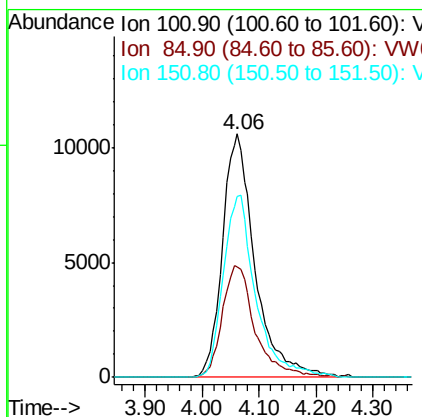
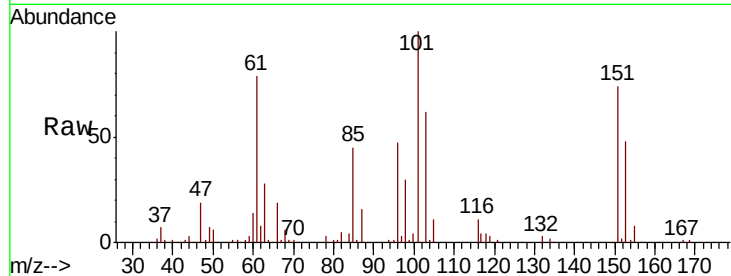
ClientSampleId :

VW0626SBS01

Tot Ion:	101	Resp:	42110
Ion Ratio	Lower	Upper	
101	100		
85	46.4	36.6	55.0
151	74.4	60.4	90.6

Manual Integrations
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#10

Methyl Iodide

Concen: 21.287 ug/l

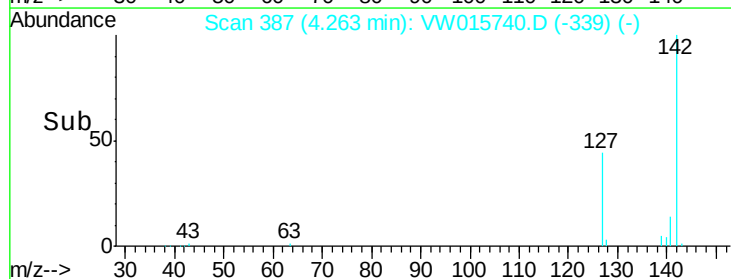
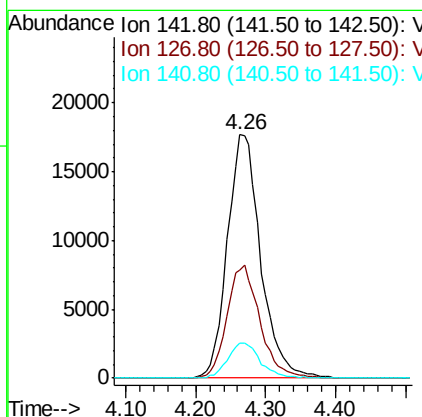
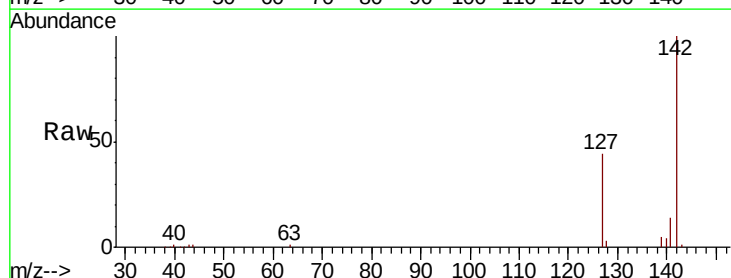
RT: 4.26 min Scan# 387

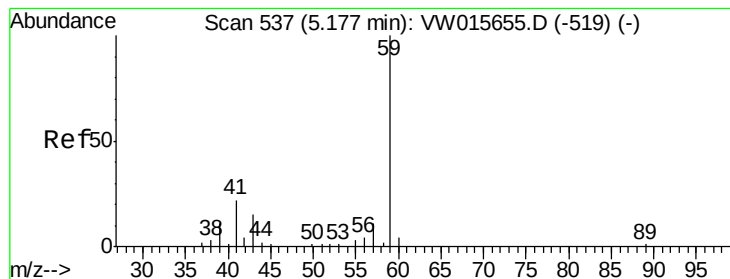
Delta R.T. -0.01 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Tgt Ion:	142	Resp:	58402
Ion Ratio	Lower	Upper	
142	100		
127	45.6	36.4	54.6
141	14.3	11.6	17.4





#11

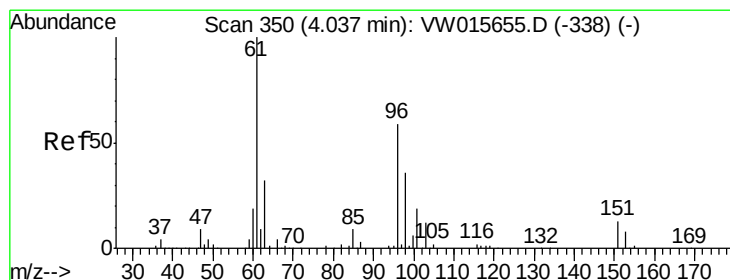
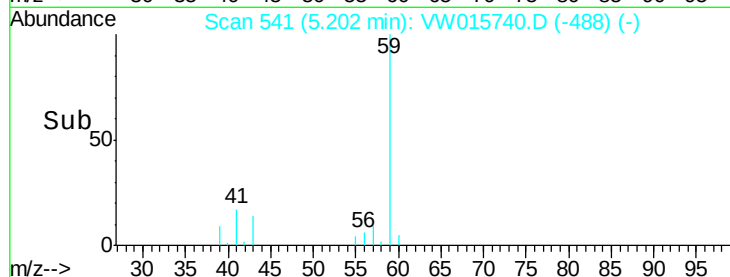
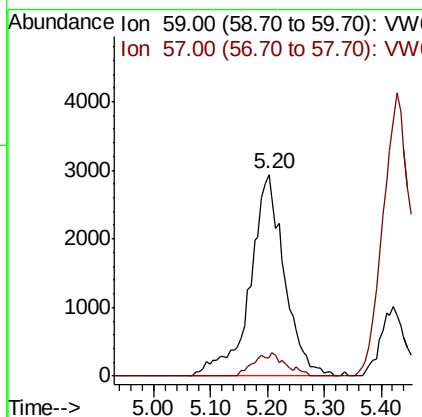
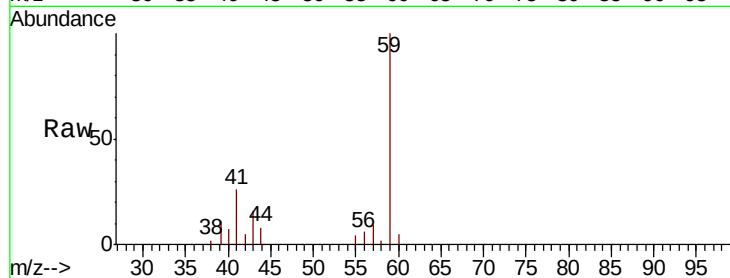
Tert butyl alcohol
 Concen: 80.206 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. 0.03 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

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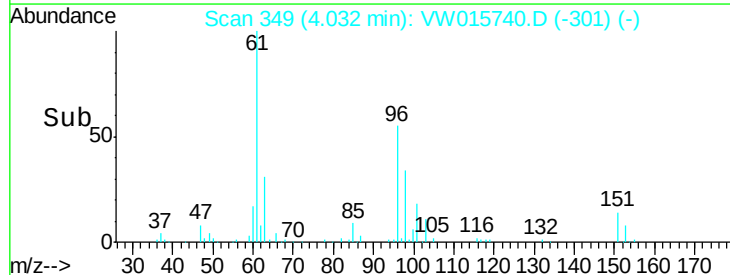
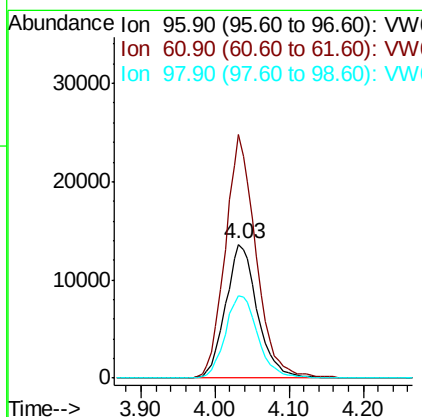
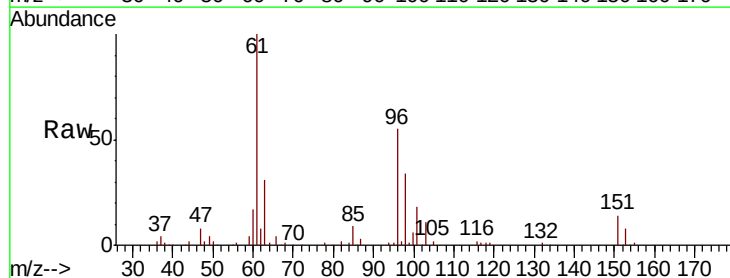
MMDadoda
 6/29/2020 12:33:59 PM

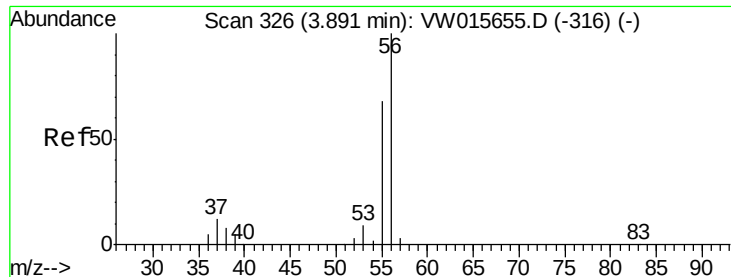


#12

1,1-Dichloroethene
 Concen: 21.550 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.7	136.7	205.1
98	61.1	49.2	73.8





#13

Acrolein

Concen: 90.810 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBS01

Tot Ion: 56 Resp: 13594

Ion Ratio Lower Upper

56 100

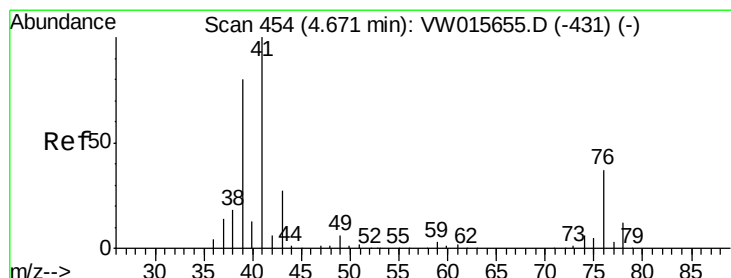
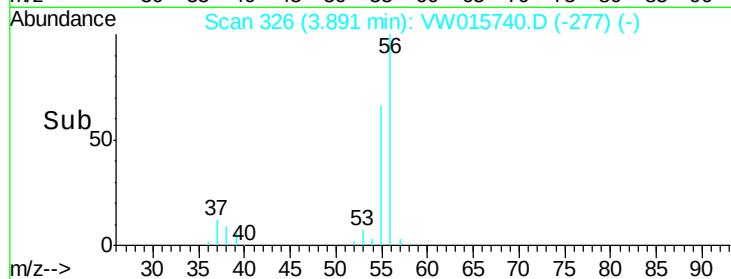
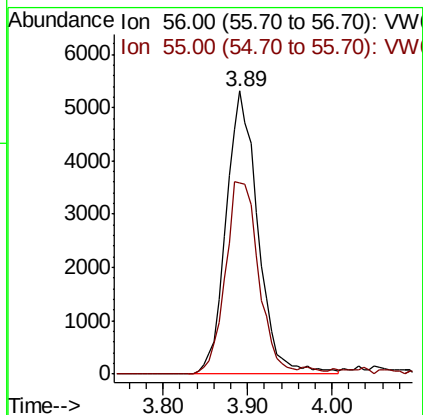
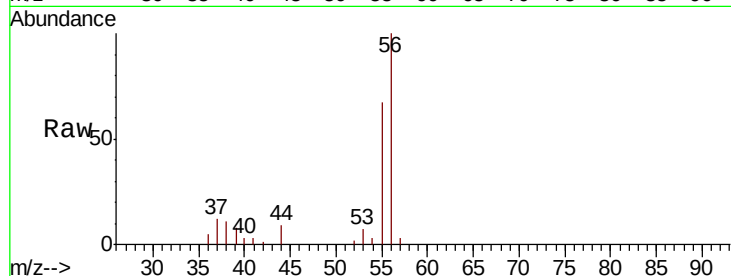
55 70.7 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 21.478 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

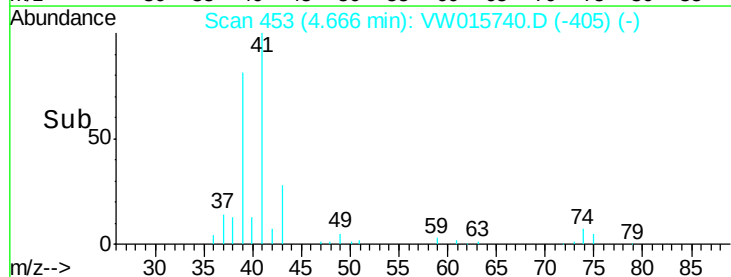
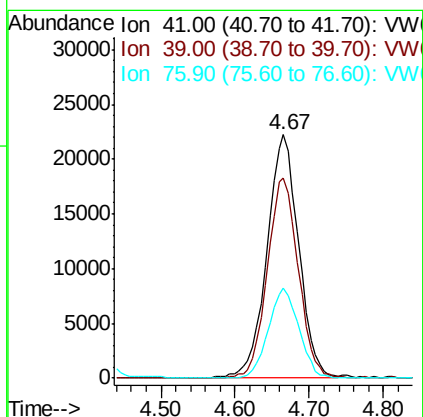
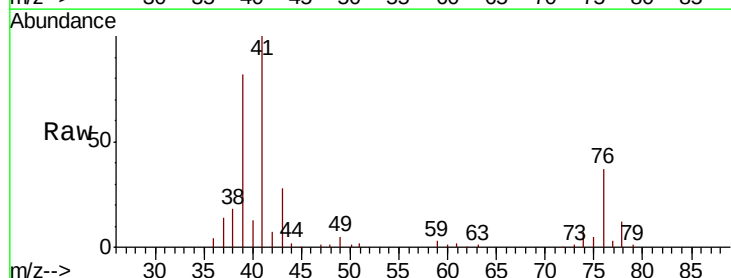
Tgt Ion: 41 Resp: 65833

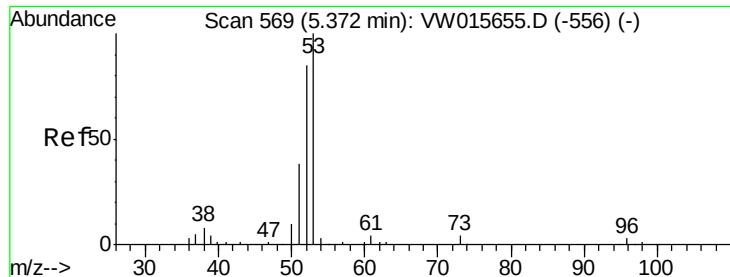
Ion Ratio Lower Upper

41 100

39 80.7 64.6 97.0

76 35.4 29.1 43.7





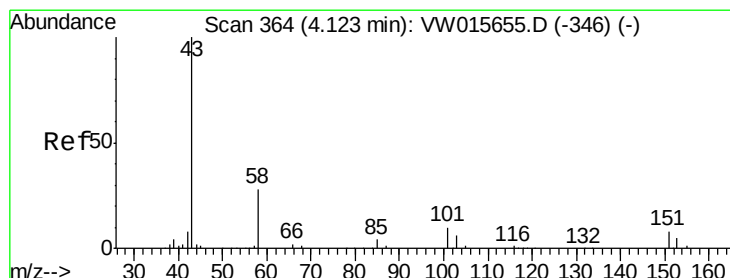
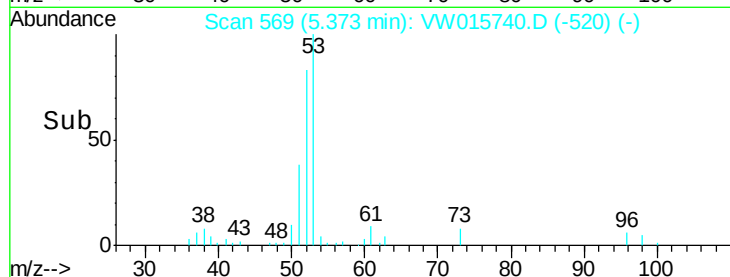
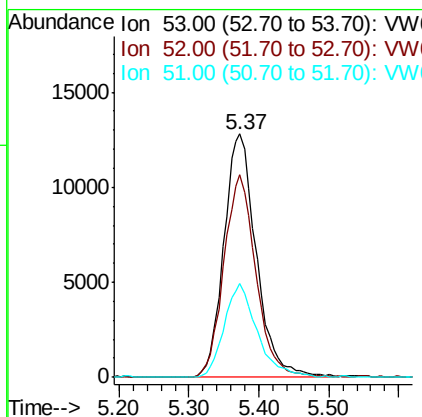
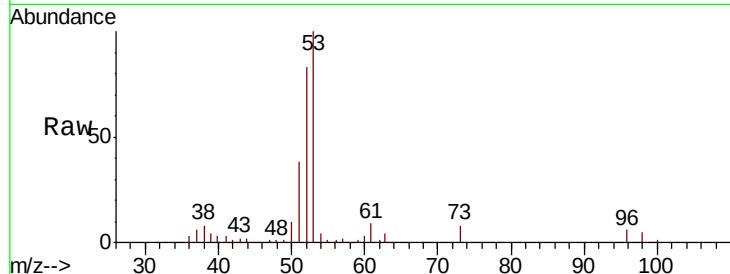
#15
 Acrylonitrile
 Concen: 105.009 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.8	98.6
51	39.1	30.7	46.1

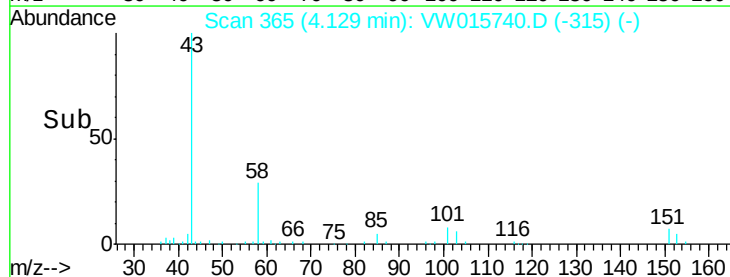
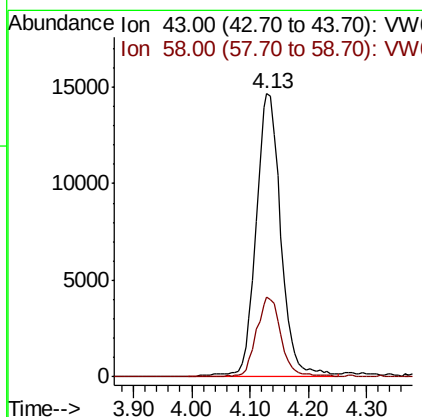
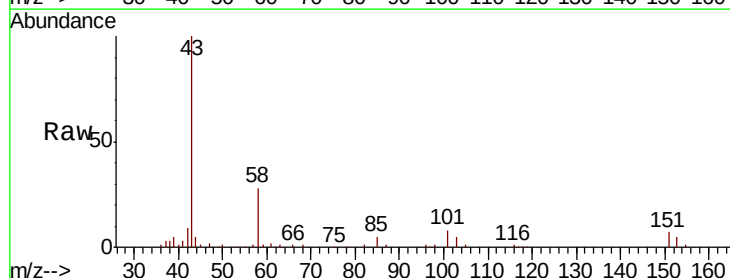
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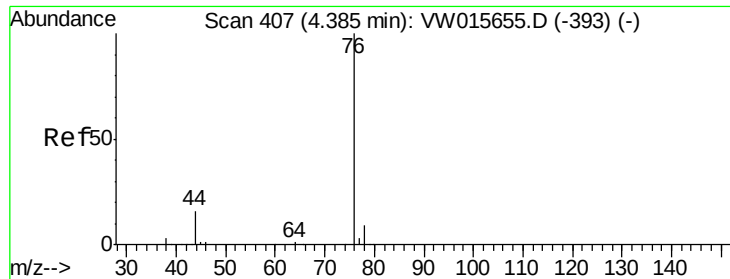
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#16
 Acetone
 Concen: 106.659 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.6	33.8





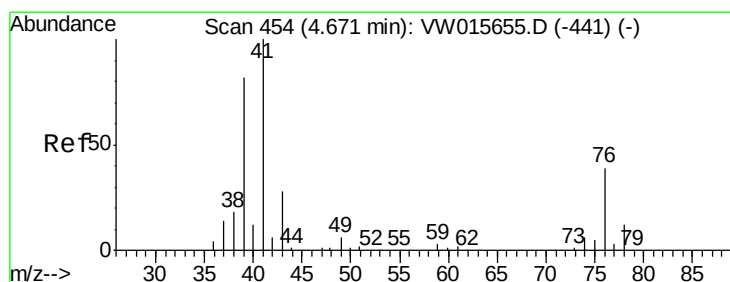
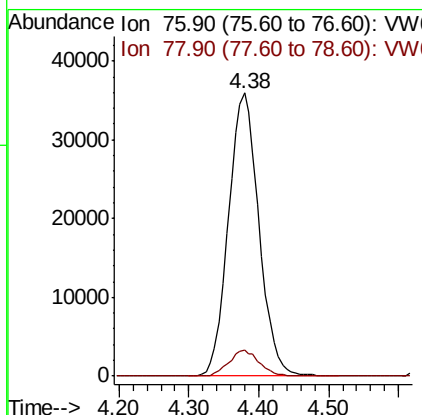
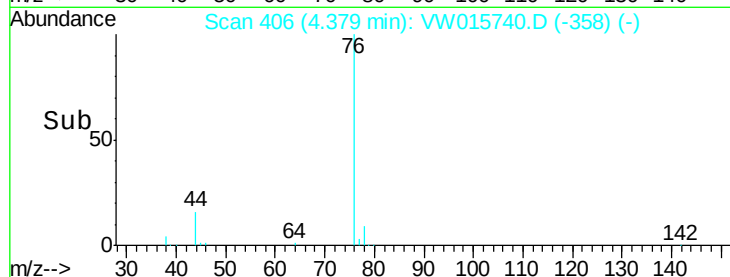
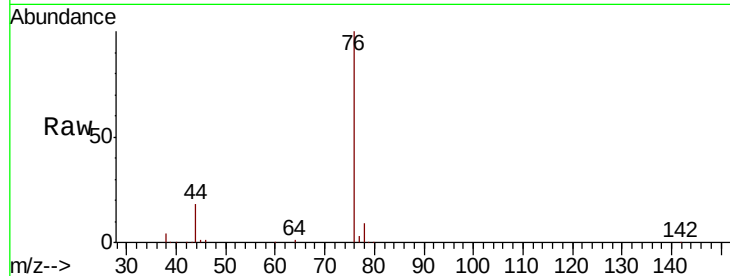
#17
Carbon Disulfide
Concen: 19.935 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion: 76 Resp: 108395
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

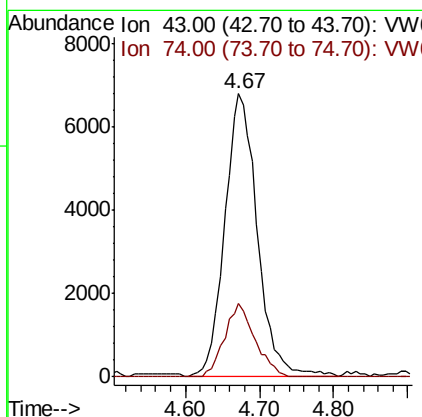
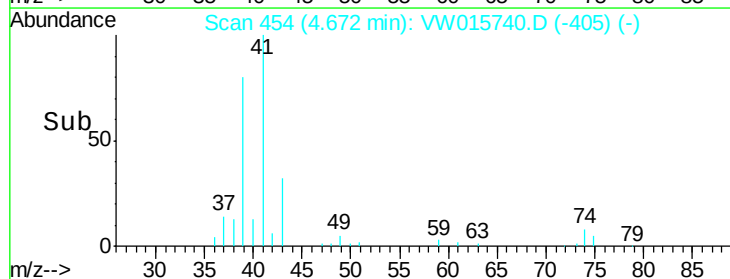
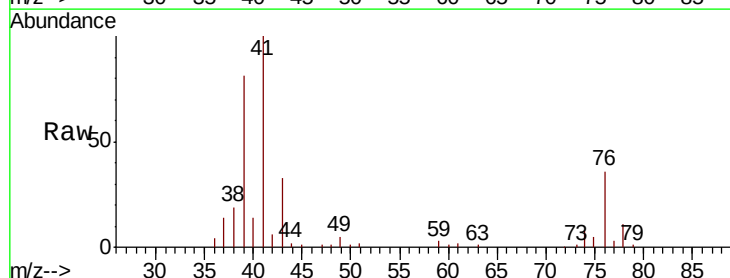
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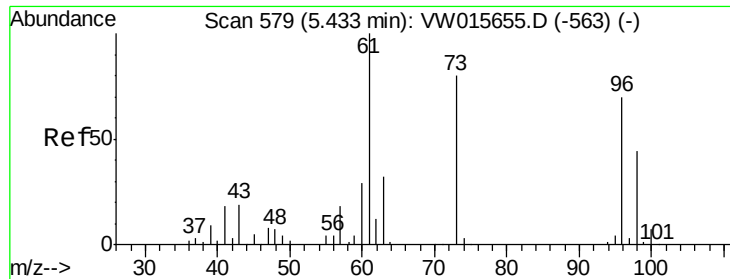
MMDadoda
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#18
Methyl Acetate
Concen: 21.932 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion: 43 Resp: 20794
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6





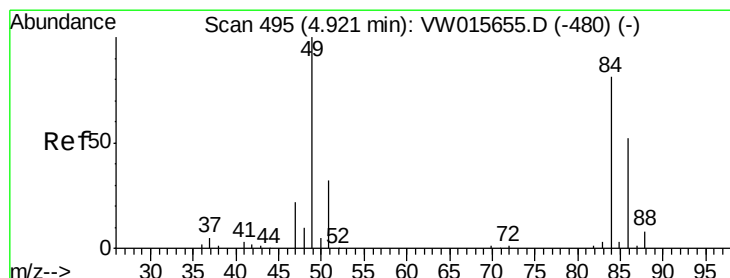
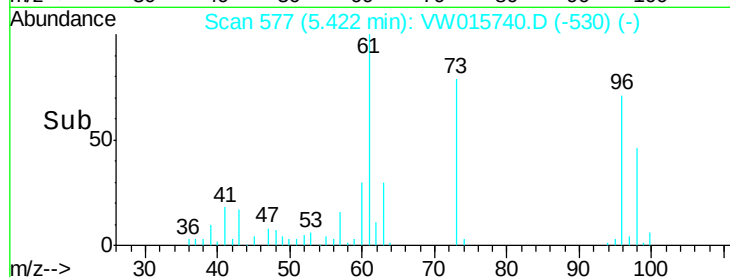
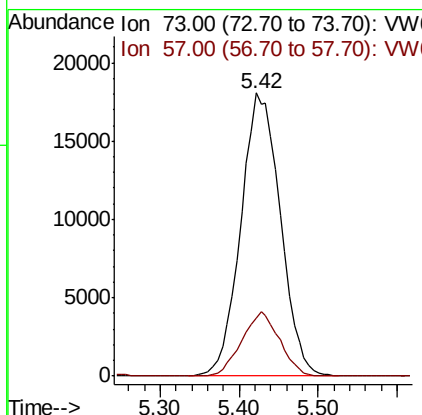
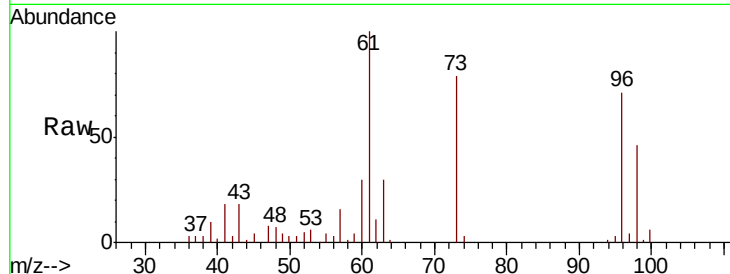
#19
Methyl tert-butyl Ether
Concen: 22.161 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	18.1	27.1

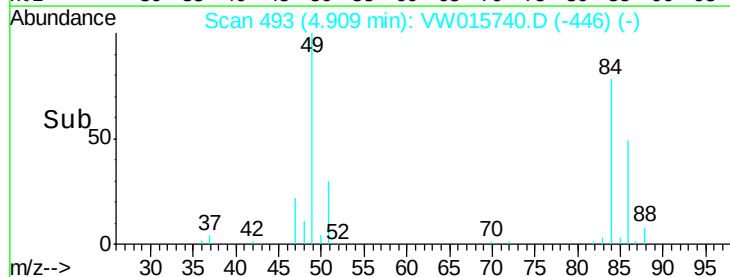
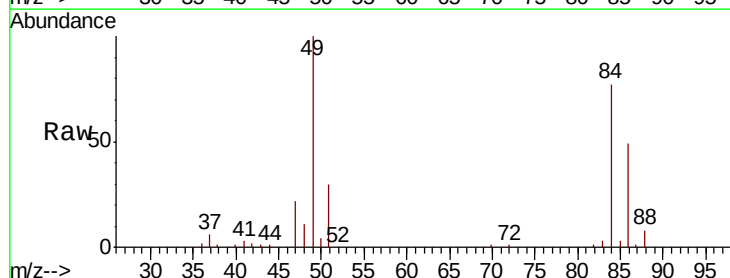
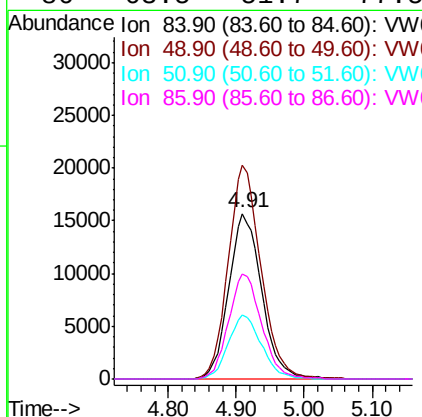
Manual Integrations
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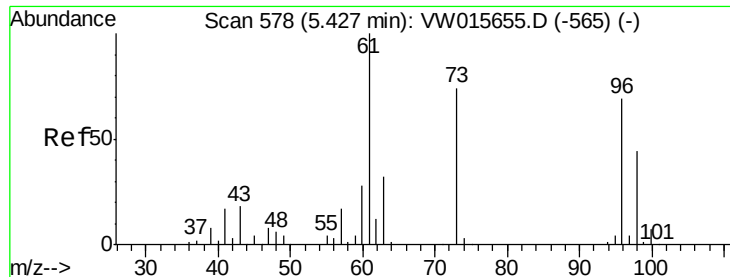
MMDadoda
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#20
Methylene Chloride
Concen: 24.065 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.3	99.3	148.9
51	38.8	31.8	47.6
86	63.5	51.7	77.5





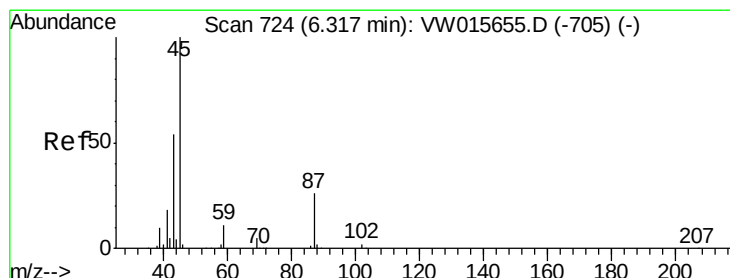
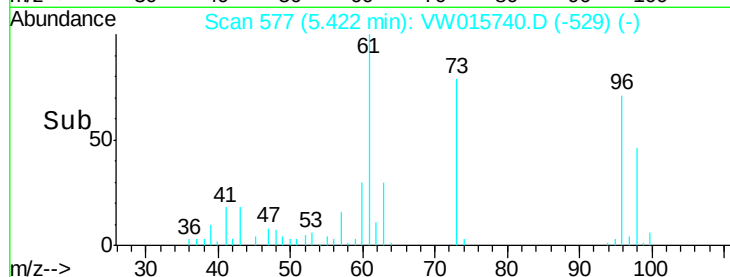
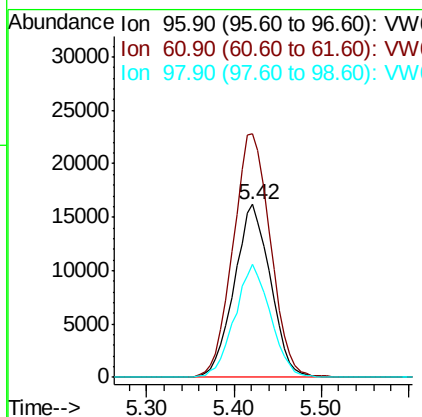
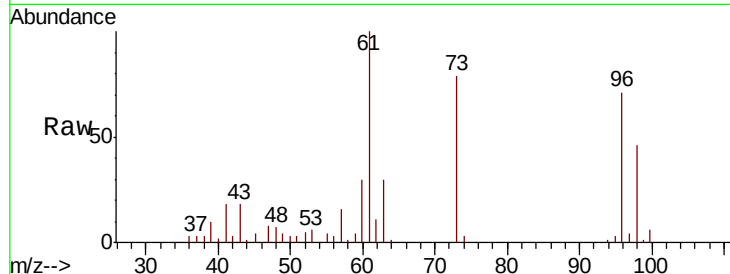
#21
trans-1,2-Dichloroethene
Concen: 21.543 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.6	116.2	174.2
98	65.2	51.4	77.0

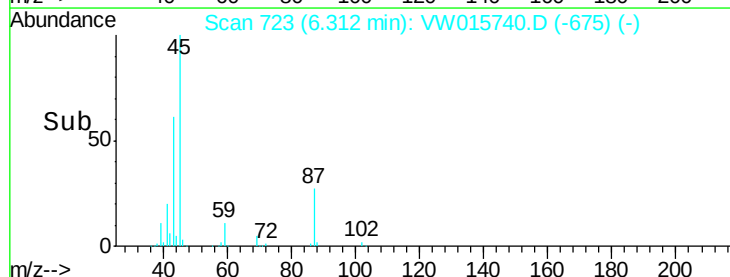
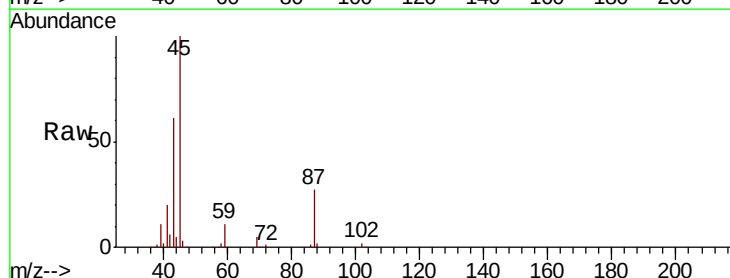
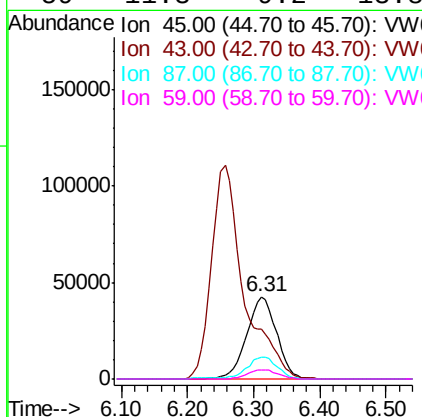
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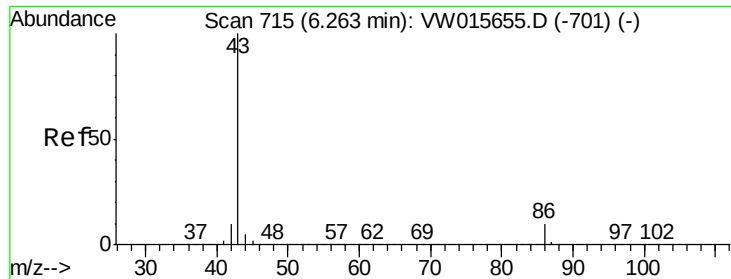
MMDadoda
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#22
Diisopropyl ether
Concen: 22.071 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.3	43.9	65.9
87	27.2	21.2	31.8
59	11.3	9.2	13.8





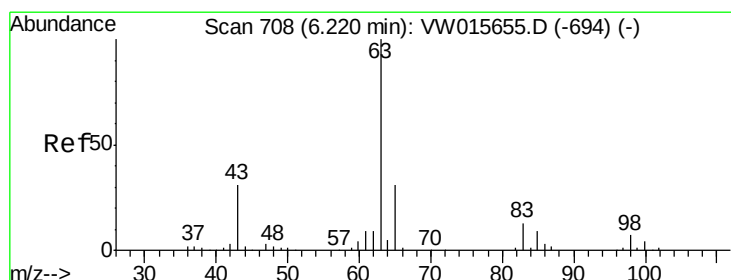
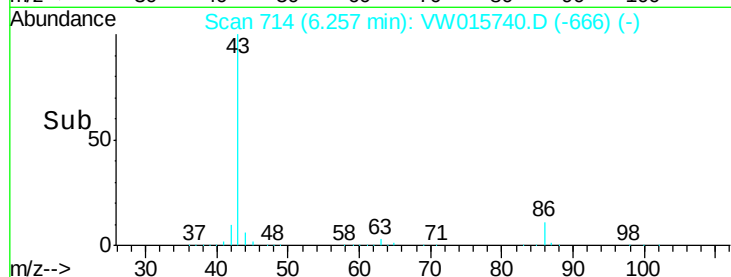
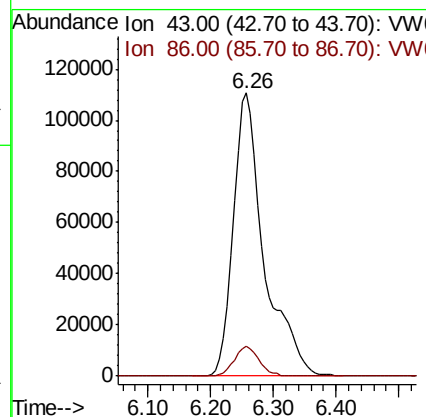
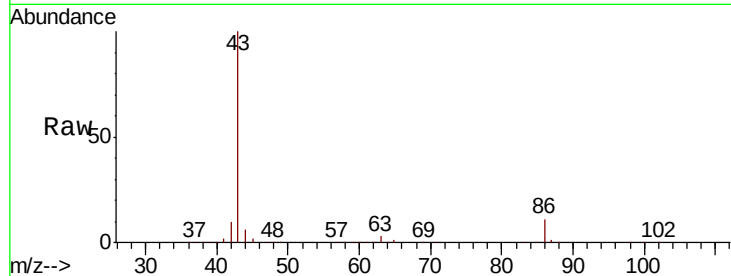
#23
 Vinyl Acetate
 Concen: 105.484 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	43	Resp	375003
Ion Ratio	100	Lower	Upper
43	100	8.3	12.5
86	10.6		

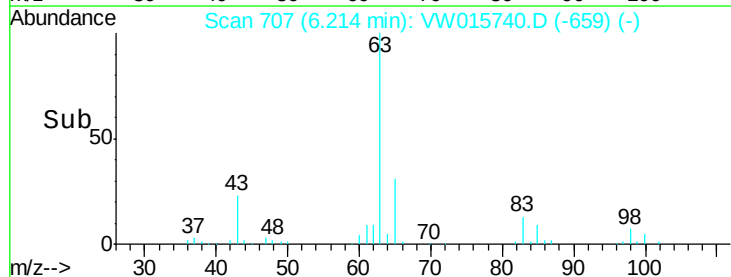
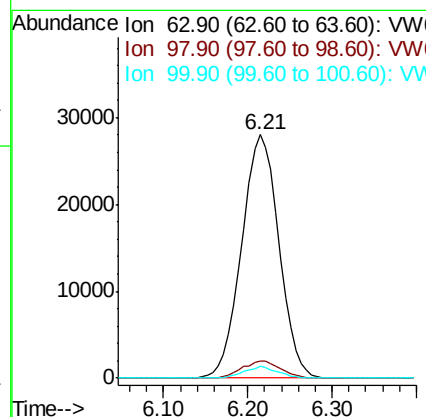
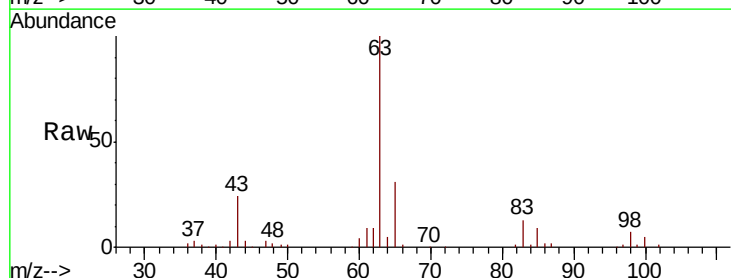
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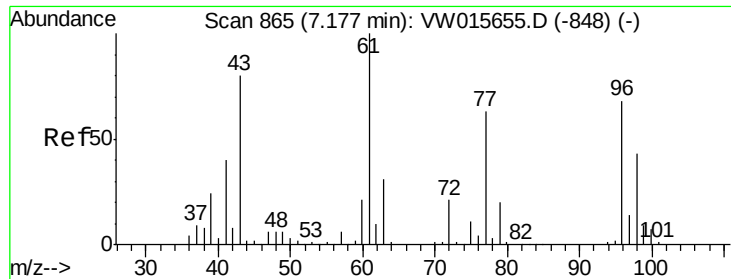
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#24
 1,1-Dichloroethane
 Concen: 21.961 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Tgt Ion	63	Resp	84275
Ion Ratio	100	Lower	Upper
63	100	3.5	10.5
98	6.8	2.1	6.3
100	5.1		





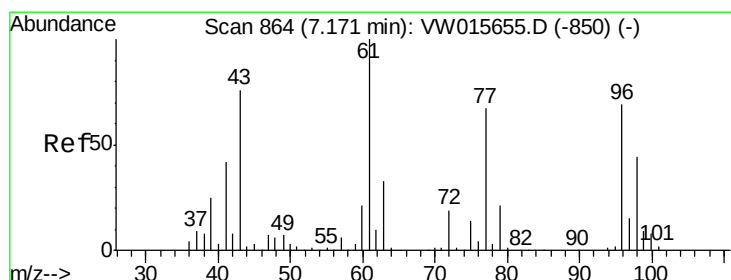
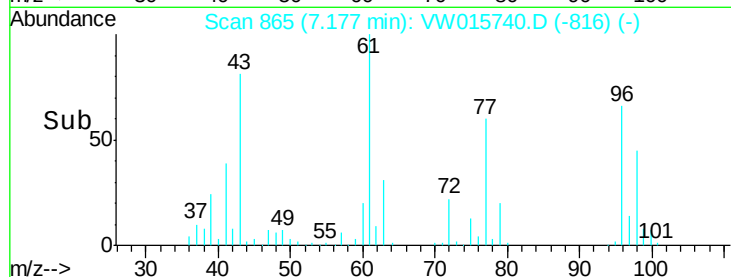
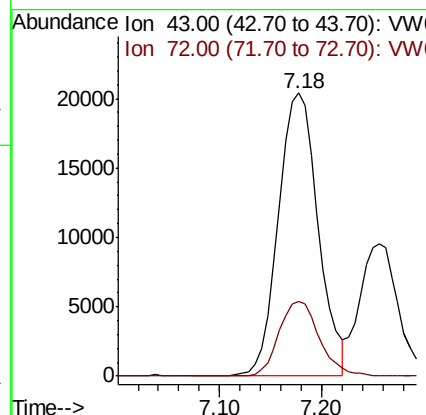
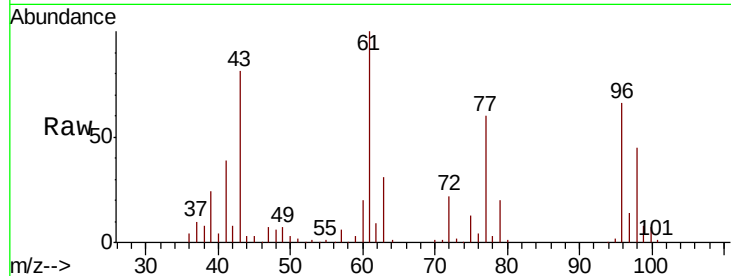
#25
2-Butanone
Concen: 99.910 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion: 43 Resp: 55317
Ion Ratio Lower Upper
43 100
72 26.6 21.1 31.7

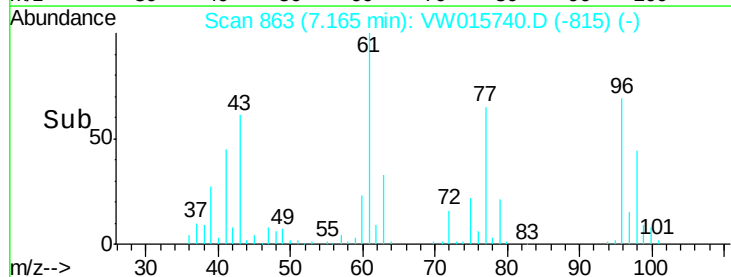
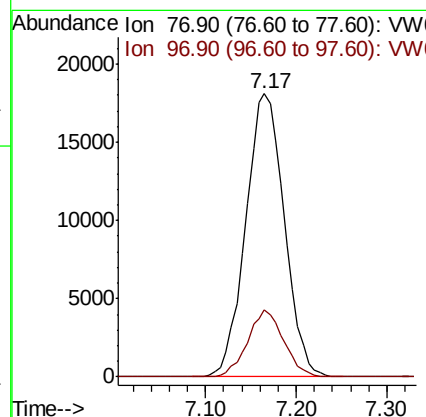
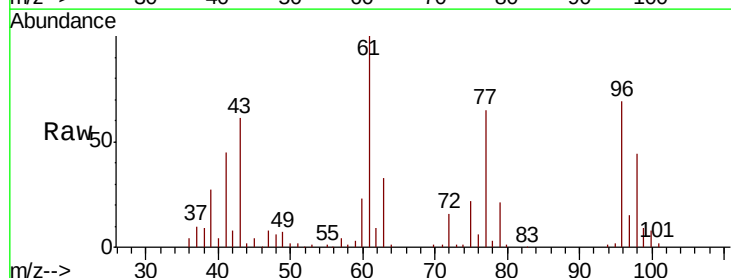
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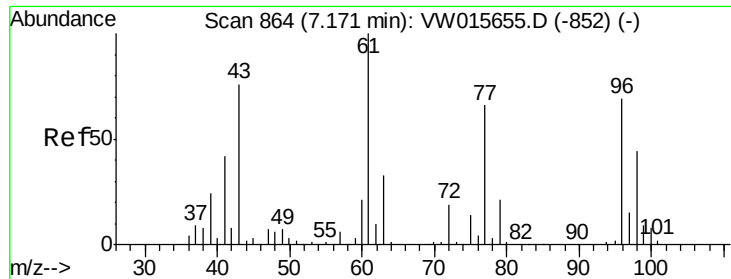
MMDadoda
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#26
2,2-Dichloropropane
Concen: 20.701 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion: 77 Resp: 53280
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 21.822 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Instrument :

MSVOA_W

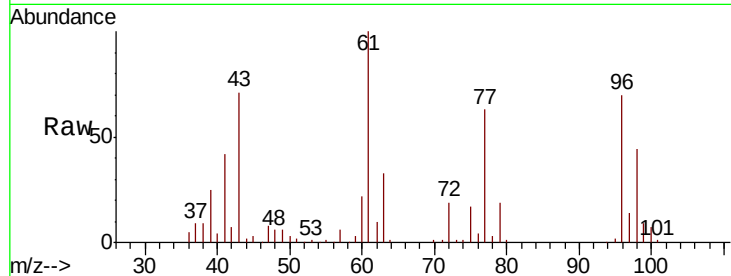
ClientSampleId :

VW0626SBS01

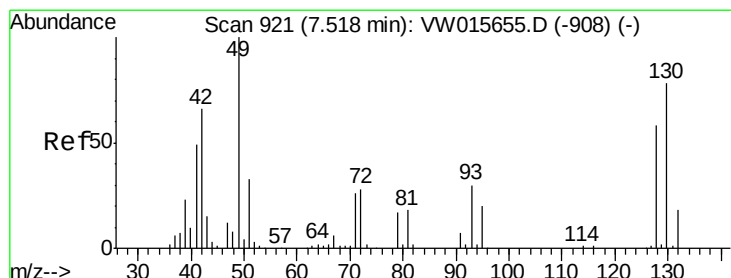
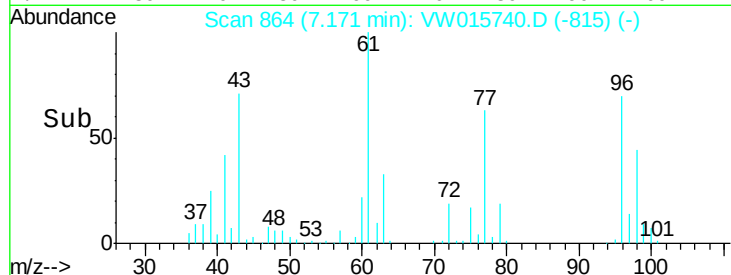
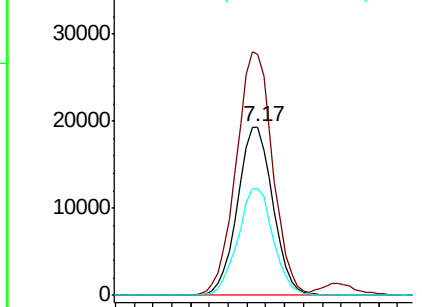
Tot Ion:	96	Resp:	50849
Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	296.8
98	63.9	0.0	128.0

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



#28

Bromochloromethane

Concen: 20.975 ug/l

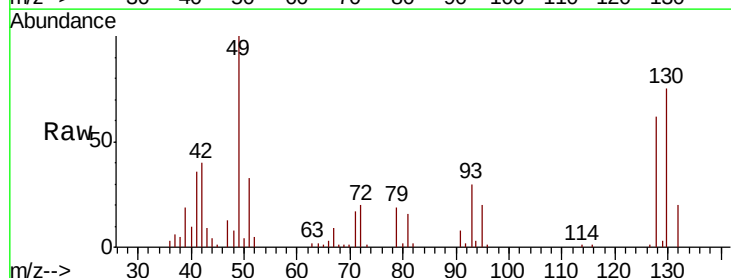
RT: 7.51 min Scan# 920

Delta R.T. -0.01 min

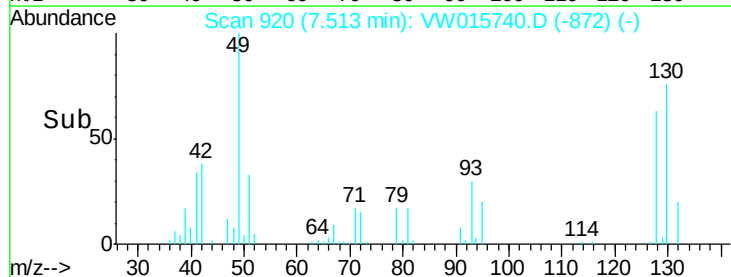
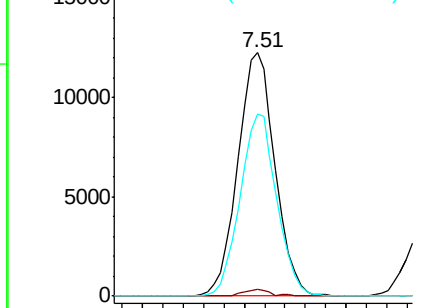
Lab File: VW015740.D

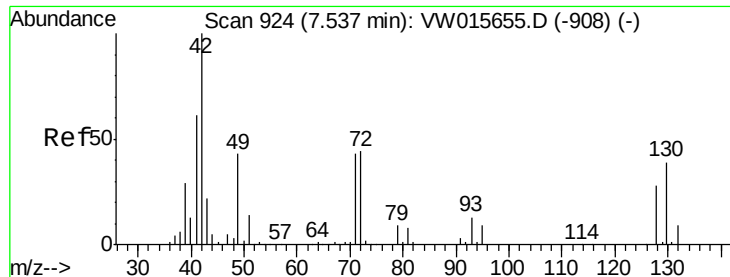
Acq: 26 Jun 2020 11:07

Tgt Ion:	49	Resp:	30961
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.2
130	73.8	61.0	91.4



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





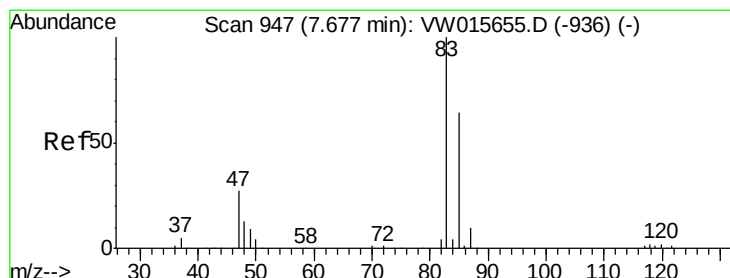
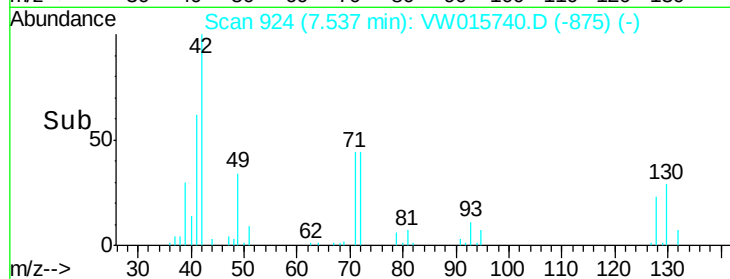
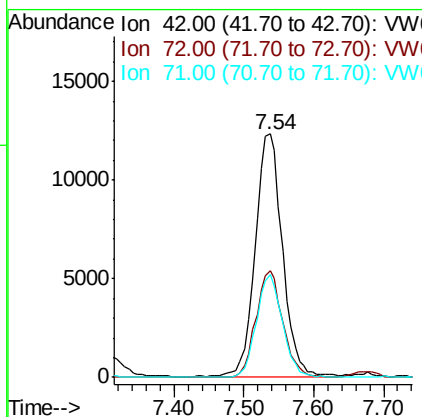
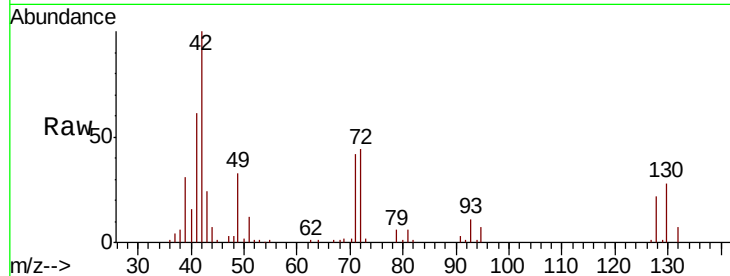
#29
Tetrahydrofuran
Concen: 103.452 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	35.0	52.6
71	39.6	32.6	49.0

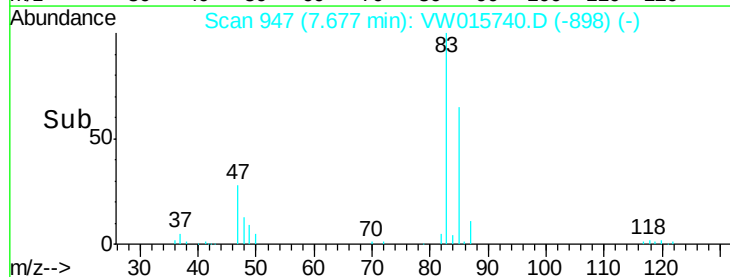
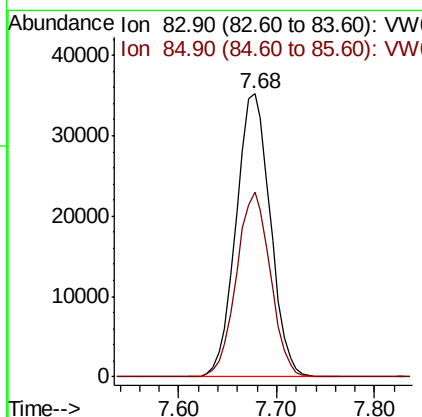
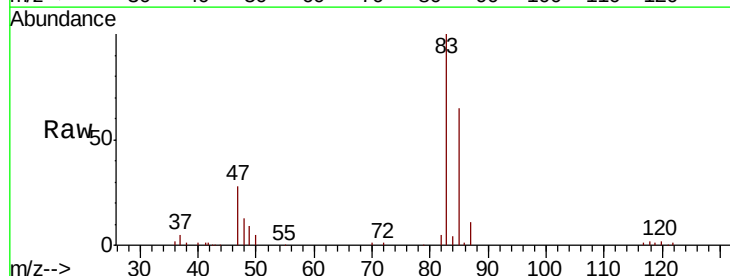
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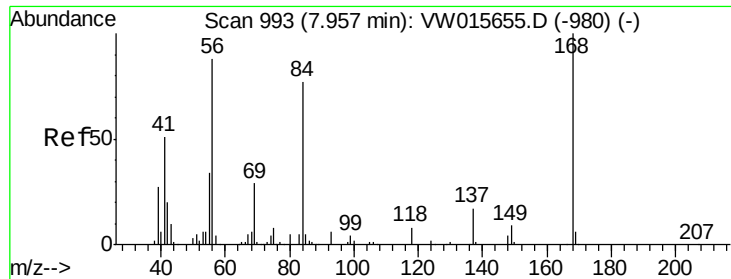
MMDadoda
6/29/2020 12:33:59 PM



#30
Chloroform
Concen: 21.721 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.0	76.4





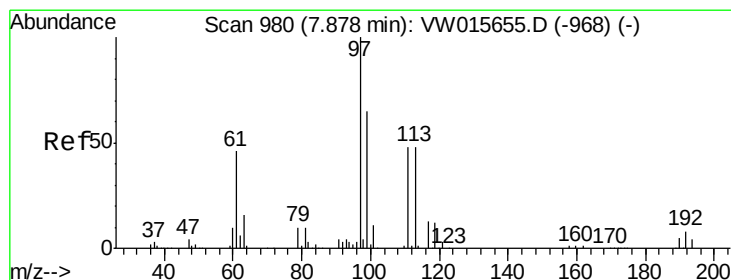
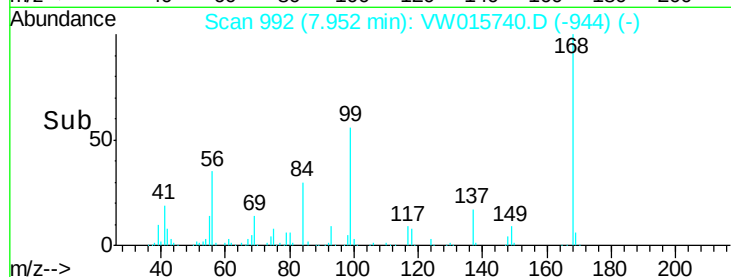
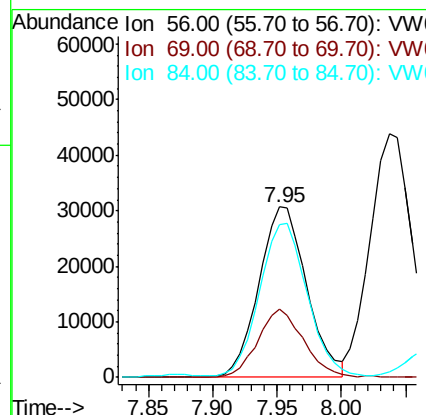
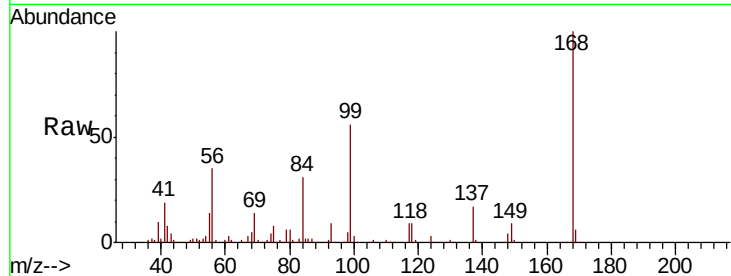
#31
Cyclohexane
Concen: 21.346 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.9	26.2	39.4#
84	88.7	70.4	105.6

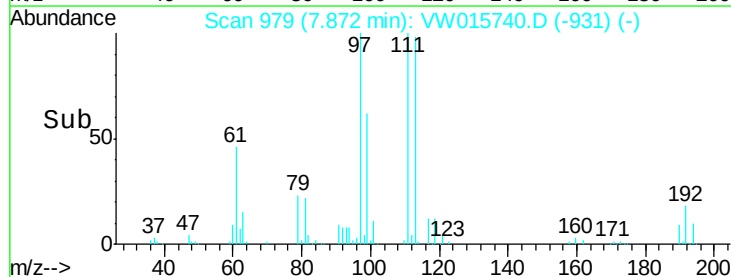
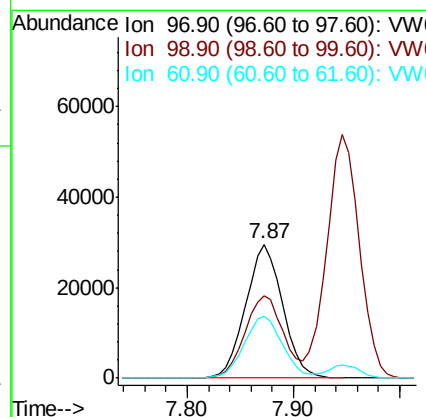
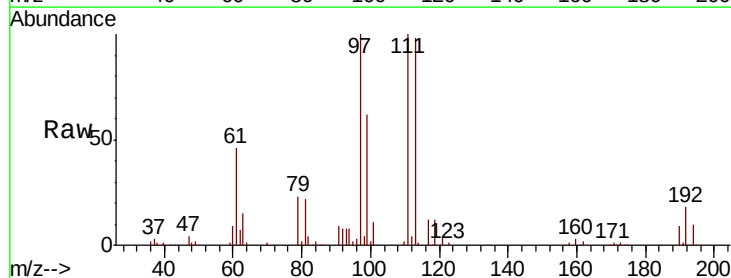
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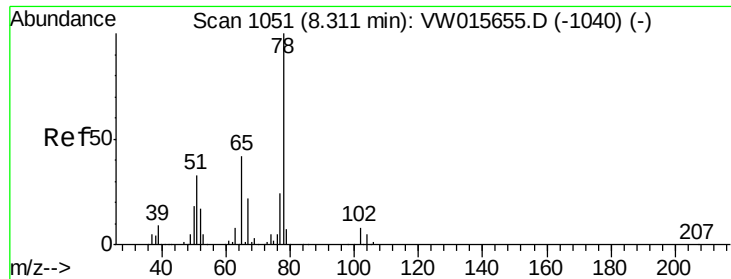
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 21.455 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.9	77.9
61	47.7	37.3	55.9





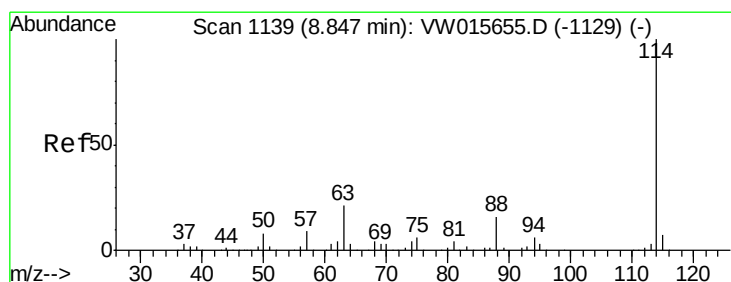
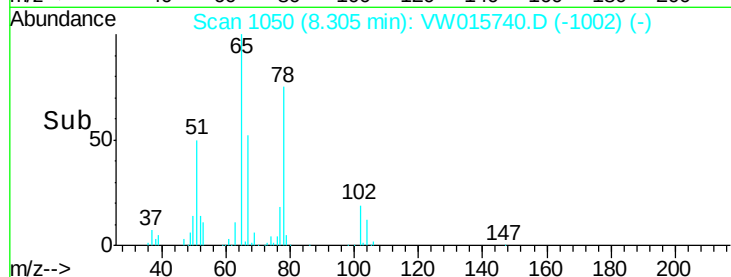
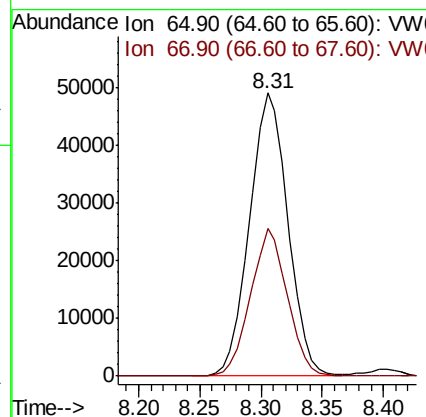
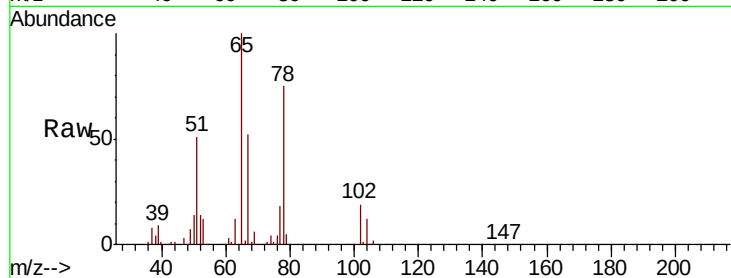
#33
 1,2-Dichloroethane-d4
 Concen: 49.798 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	102.2

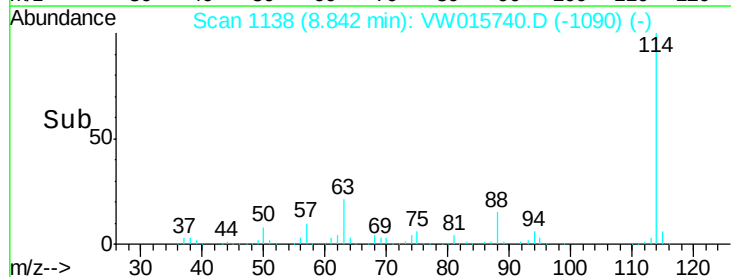
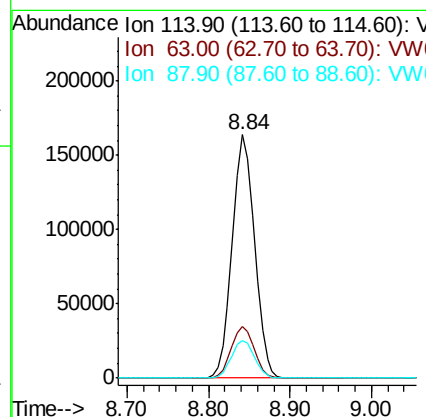
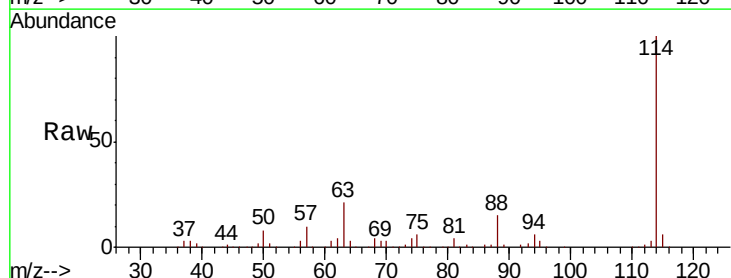
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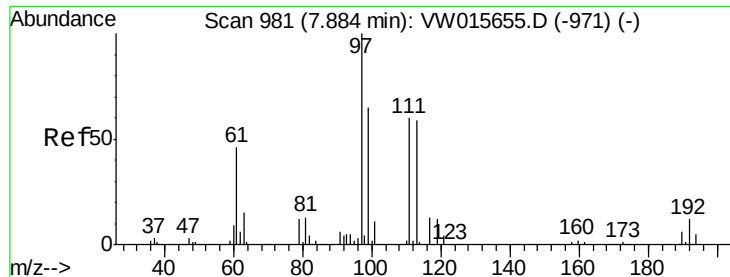
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.4
88	15.4	0.0	32.6





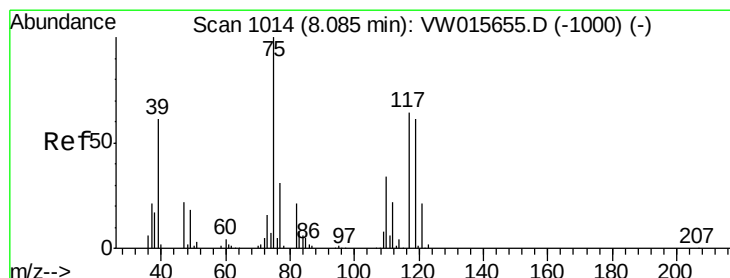
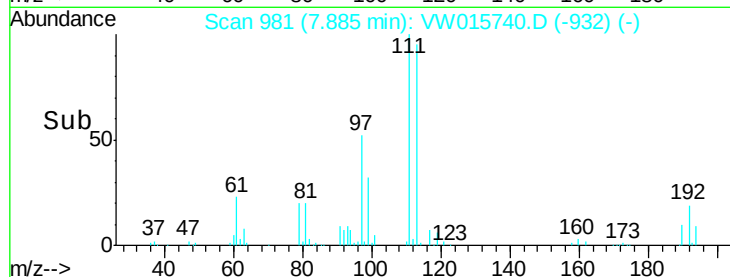
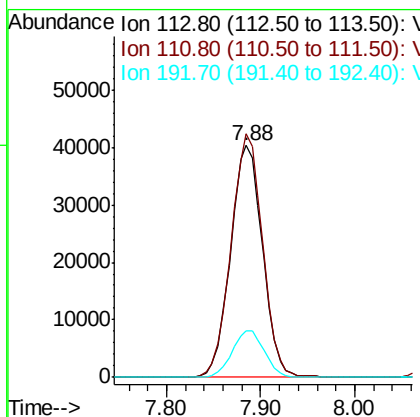
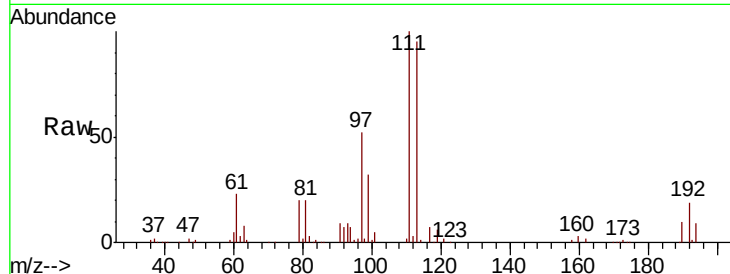
#35
Dibromofluoromethane
Concen: 49.007 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	95524		
111	103.1	82.3	123.5	
192	20.2	16.4	24.6	

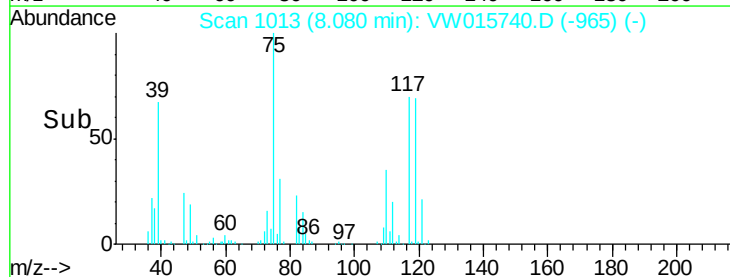
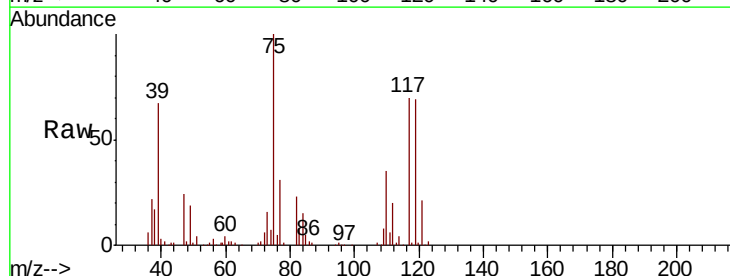
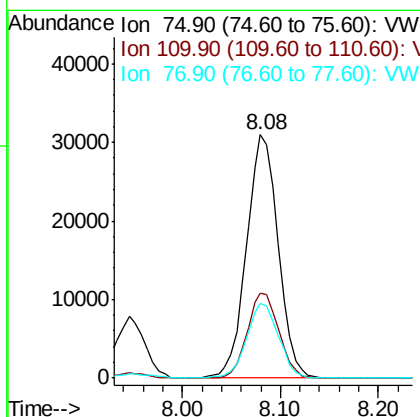
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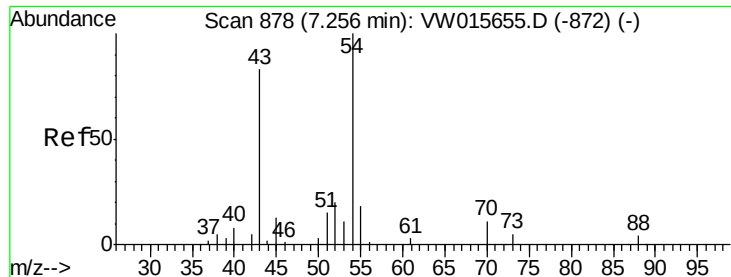
MMDadoda
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#36
1,1-Dichloropropene
Concen: 21.721 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70005		
110	34.5	17.0	51.0	
77	31.0	24.6	36.8	





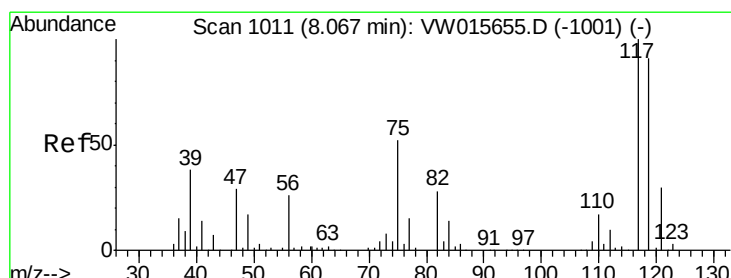
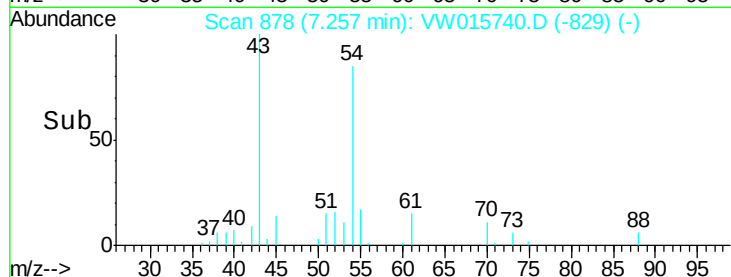
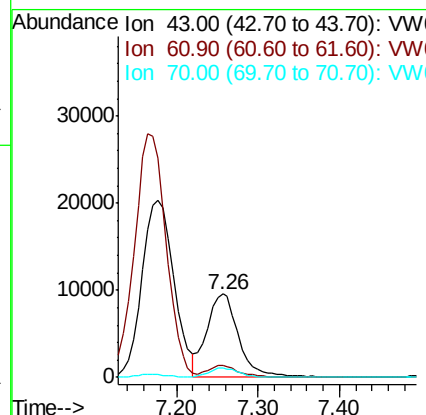
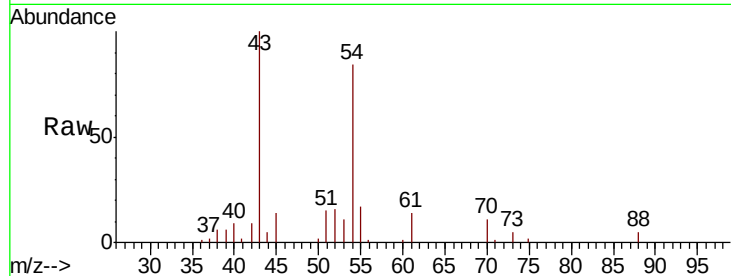
#37
Ethyl Acetate
Concen: 20.917 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.4	15.6
70	10.8	8.4	12.6

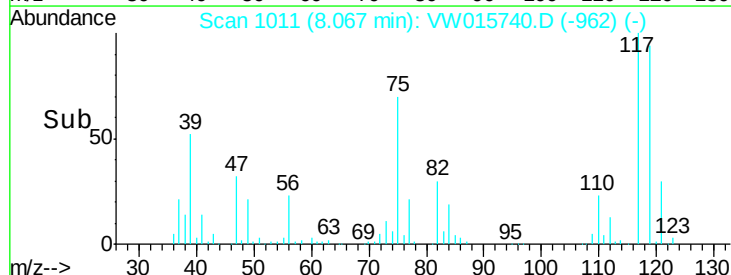
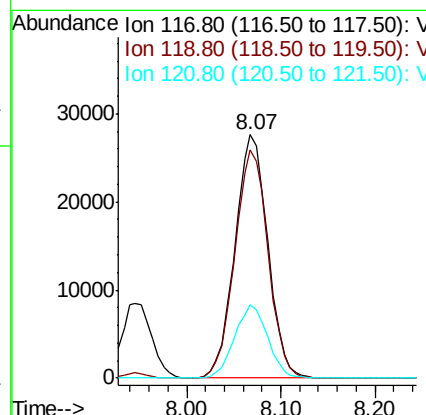
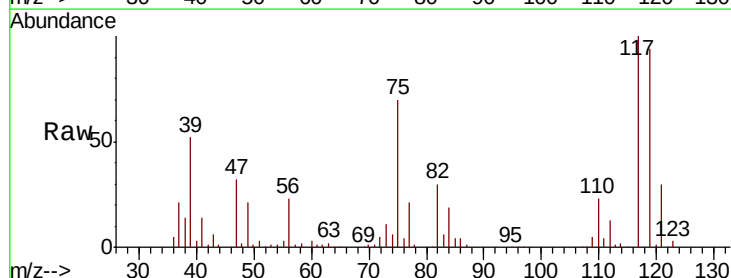
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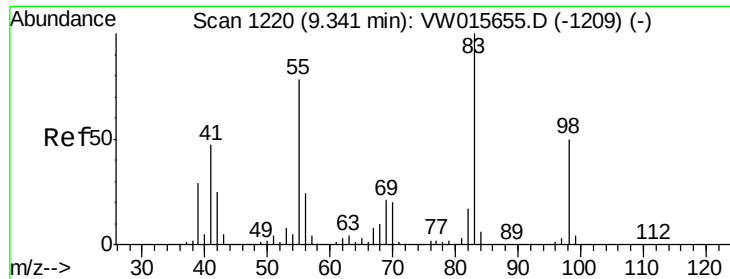
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#38
Carbon Tetrachloride
Concen: 21.432 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	73.2	109.8
121	30.2	23.9	35.9





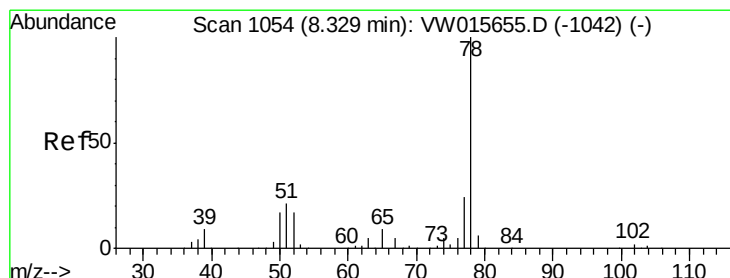
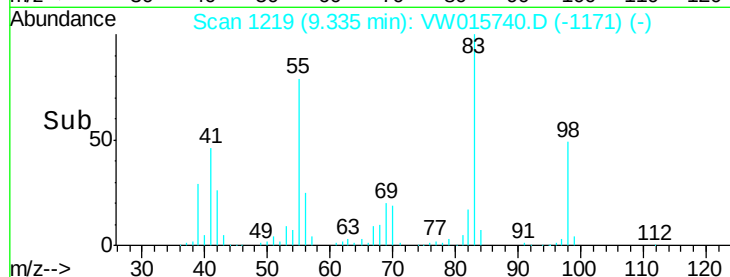
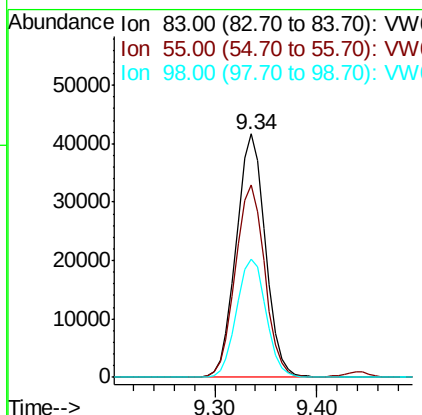
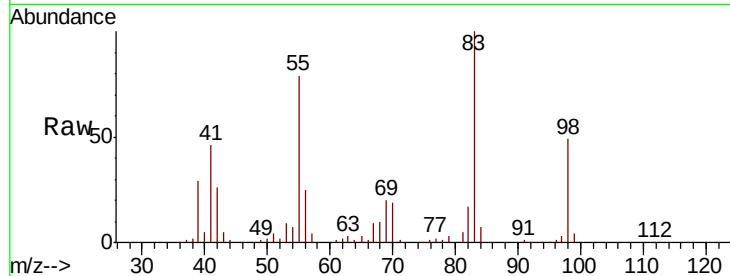
#39
Methylvlcyclohexane
Concen: 21.162 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.9	62.8	94.2
98	48.6	39.9	59.9

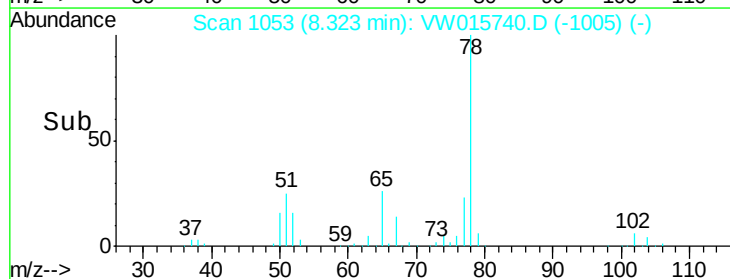
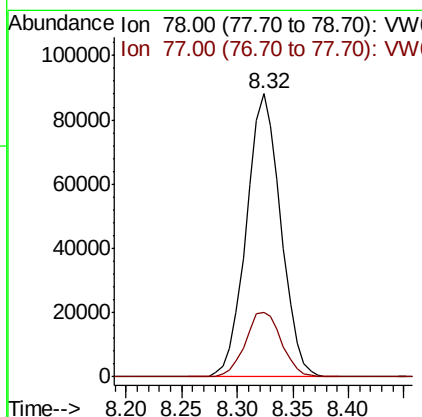
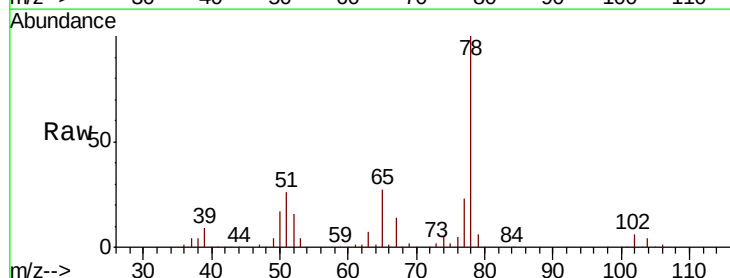
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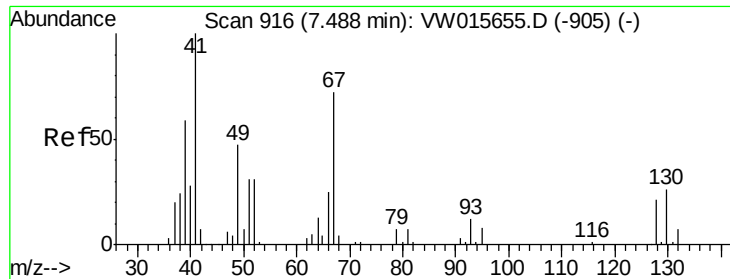
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#40
Benzene
Concen: 21.661 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9





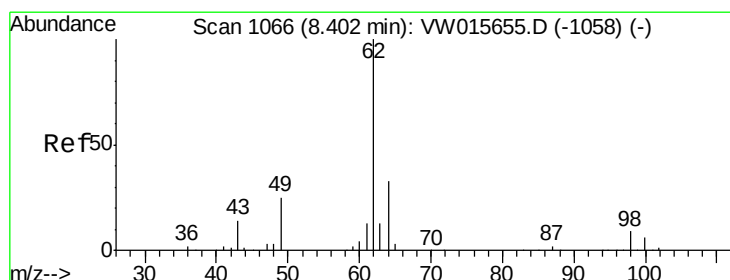
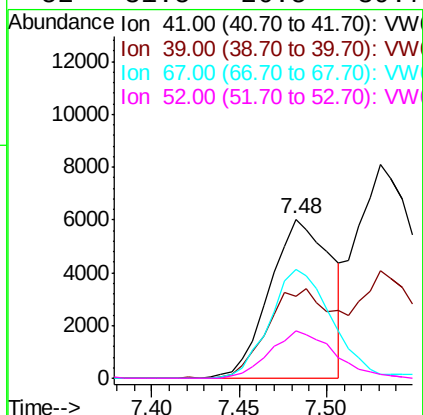
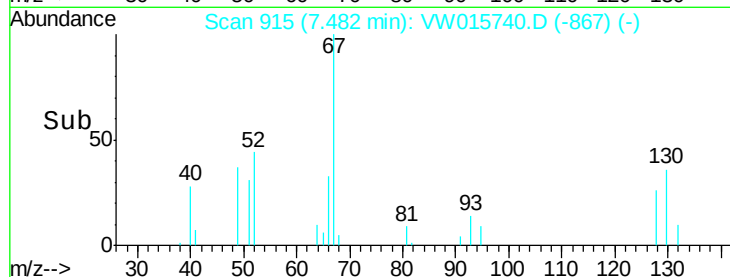
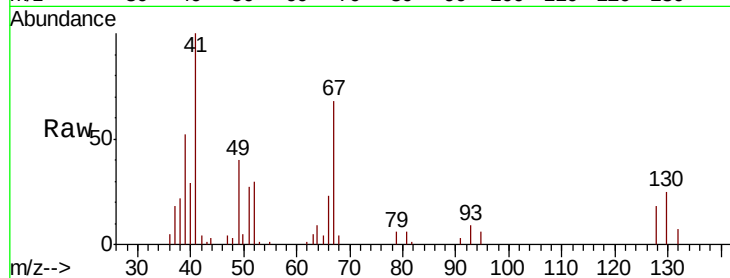
#41
Methacrylonitrile
Concen: 20.863 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	64.2	52.0	78.0	
67	70.1	57.5	86.3	
52	31.5	26.5	39.7	

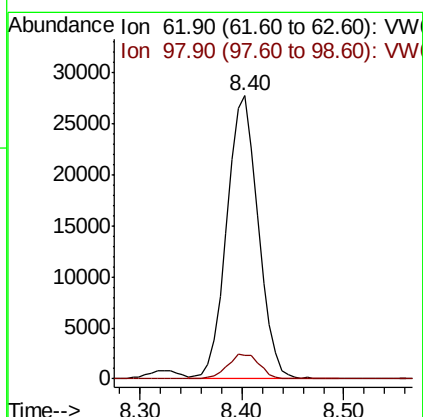
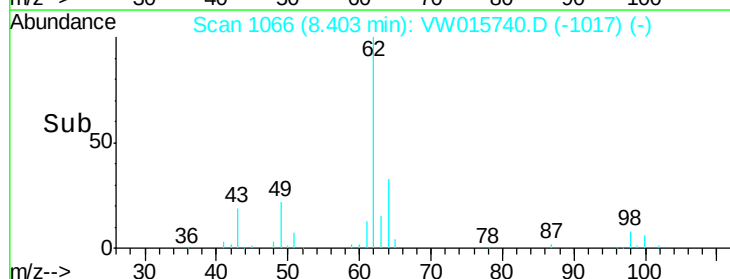
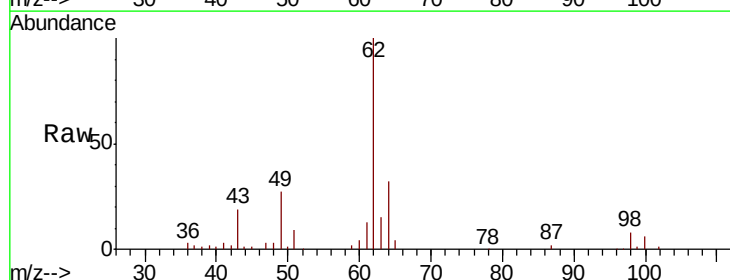
Manual Integrations
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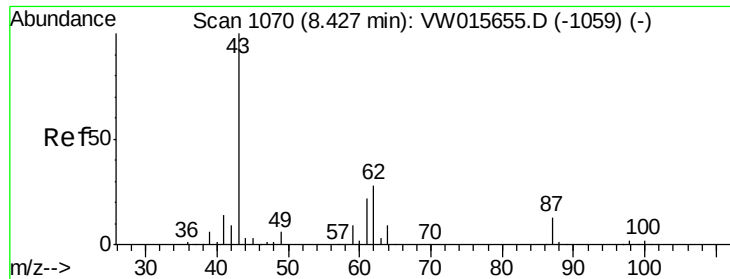
MMDadoda
6/29/2020 12:33:59 PM



#42
1,2-Dichloroethane
Concen: 21.785 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

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





#43

Isopropyl Acetate

Concen: 20.667 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Instrument :

MSVOA_W

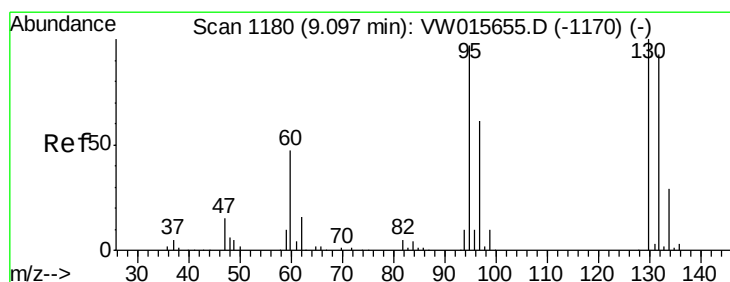
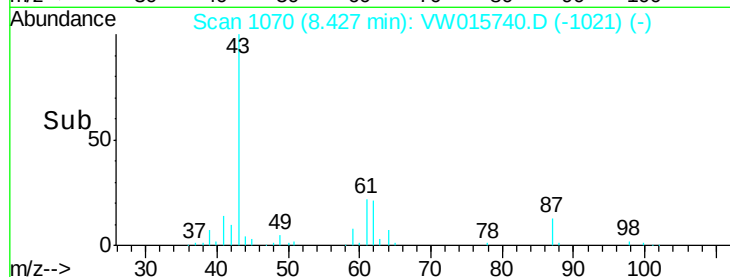
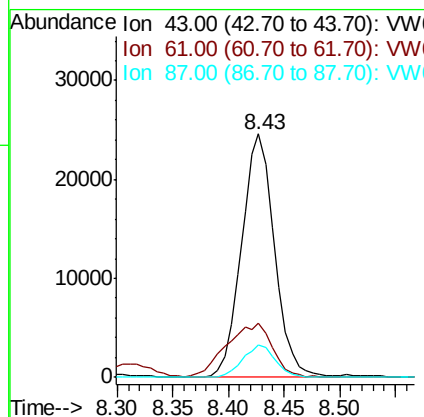
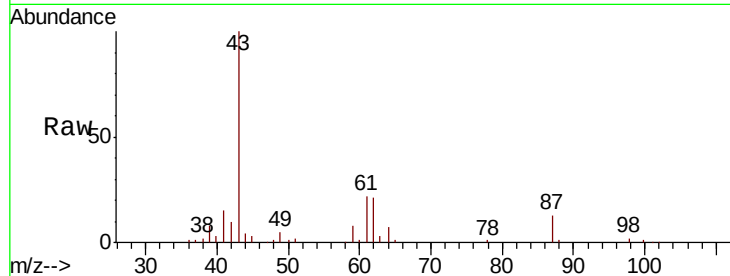
ClientSampleId :

VW0626SBS01

Tot Ion:	43	Resp:	50753
Ion	Ratio	Lower	Upper
43	100		
61	30.8	24.7	37.1
87	13.0	10.2	15.2

Manual Integrations
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#44

Trichloroethene

Concen: 21.258 ug/l

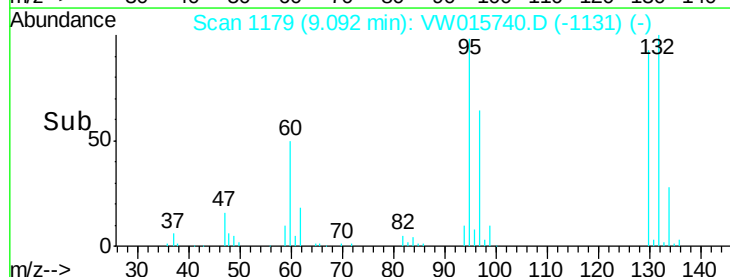
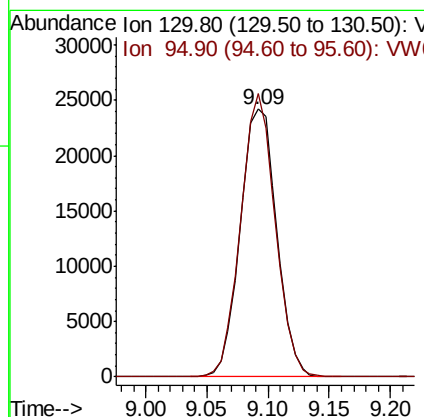
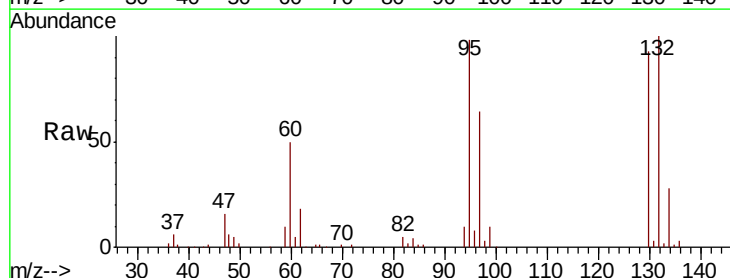
RT: 9.09 min Scan# 1179

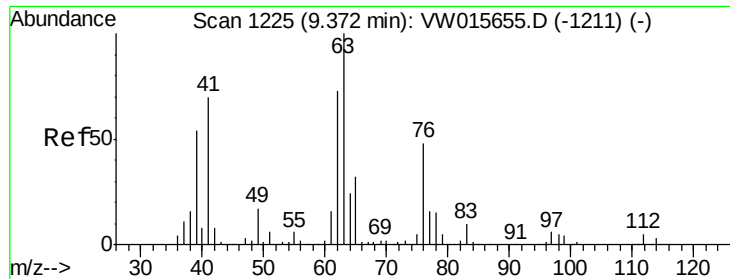
Delta R.T. -0.01 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Tgt Ion:	130	Resp:	50214
Ion	Ratio	Lower	Upper
130	100		
95	105.8	0.0	194.4





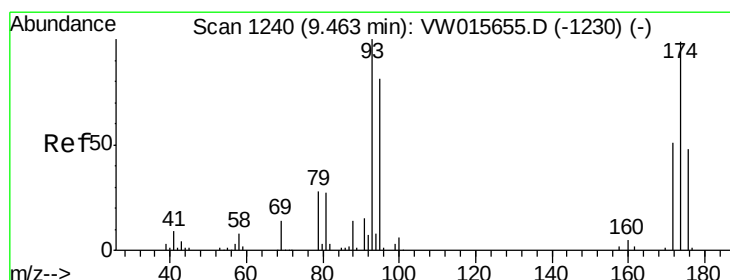
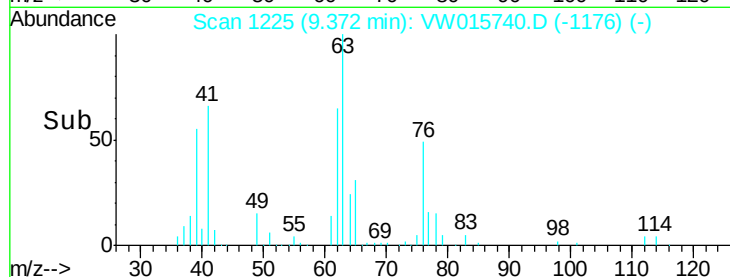
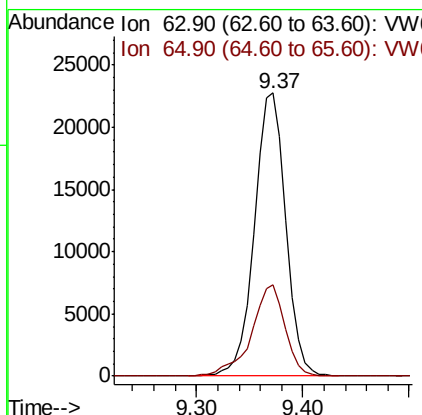
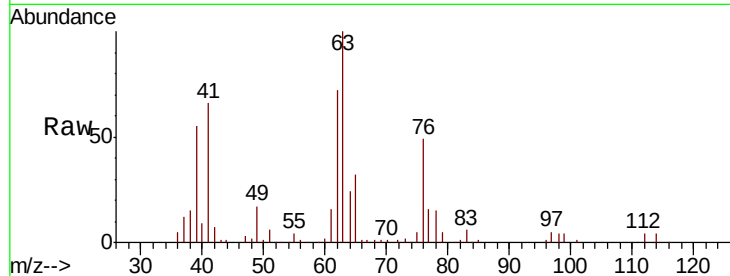
#45
 1,2-Dichloropropane
 Concen: 21.904 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Instrument :
 MSVOA_W
 ClientSampled :
 VW0626SBS01

Tot Ion: 63 Resp: 46920
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.3 37.9

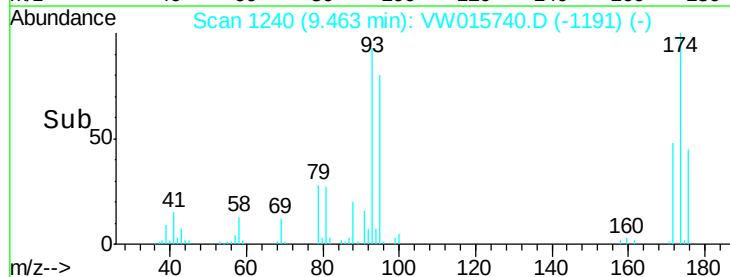
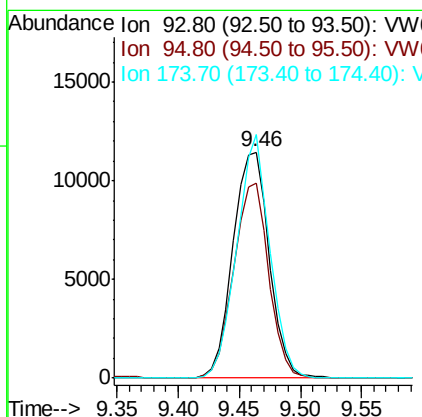
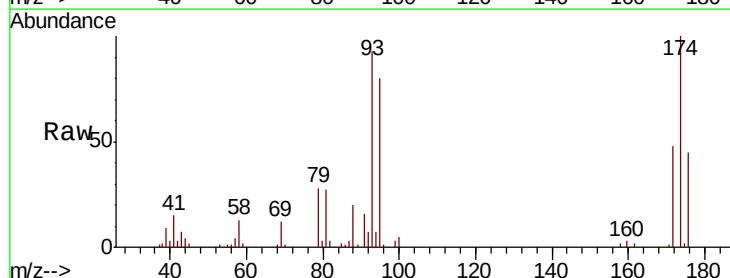
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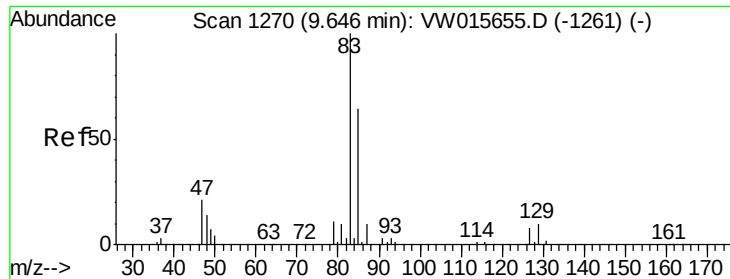
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#46
 Dibromomethane
 Concen: 21.217 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Tgt Ion: 93 Resp: 23515
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.7 98.5
 174 97.9 79.0 118.6





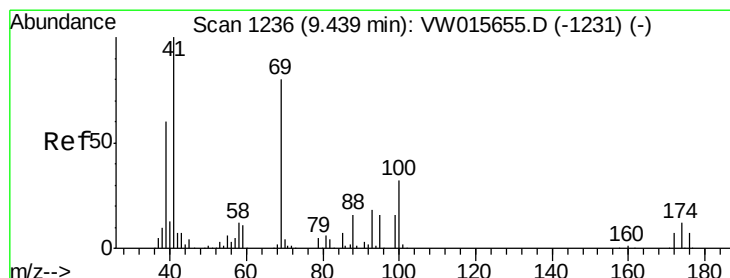
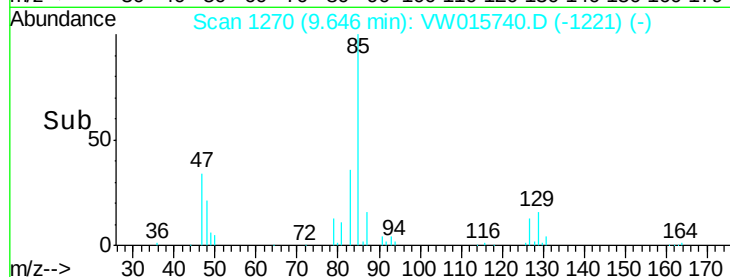
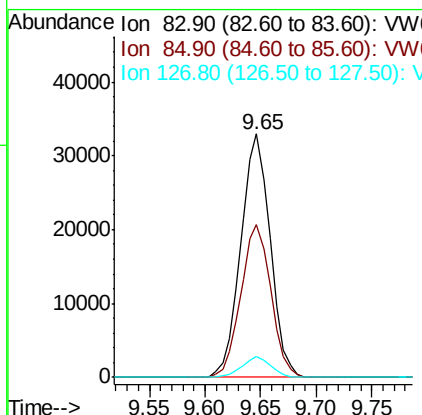
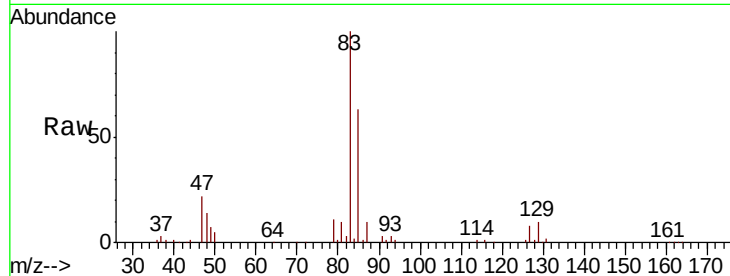
#47
Bromodichloromethane
Concen: 20.899 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	83	Resp	60416
Ion Ratio	100	Lower	Upper
83	100		
85	62.6	50.8	76.2
127	8.4	6.3	9.5

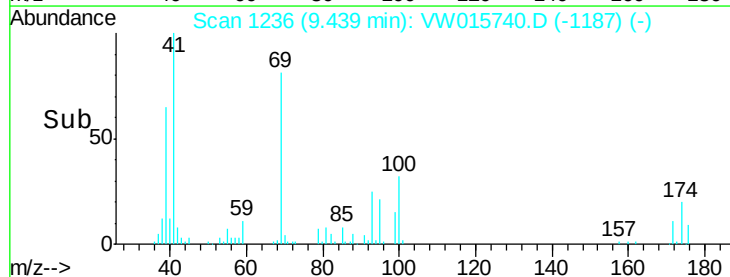
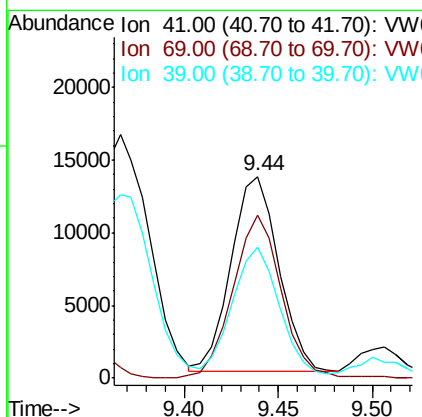
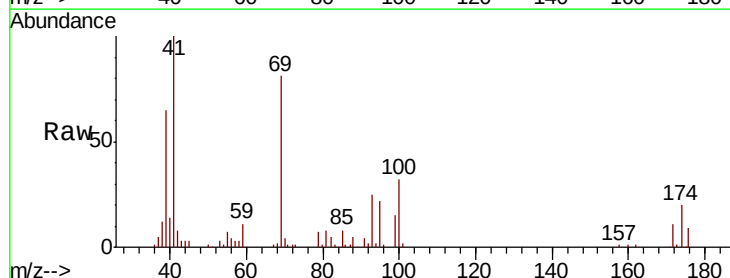
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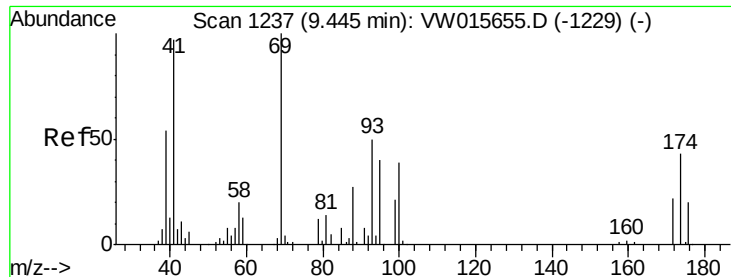
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#48
Methyl methacrylate
Concen: 20.857 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion	41	Resp	23417
Ion Ratio	100	Lower	Upper
41	100		
69	86.0	68.2	102.2
39	63.3	49.8	74.6





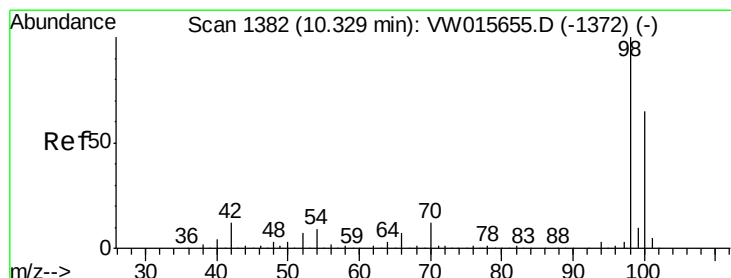
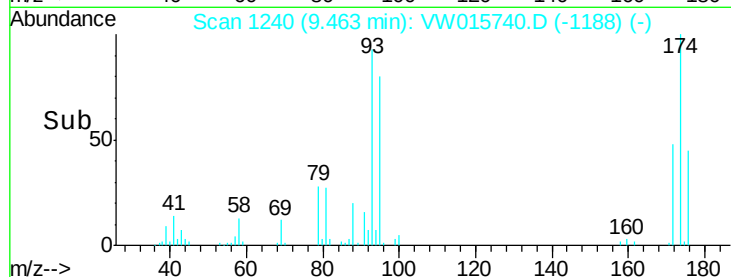
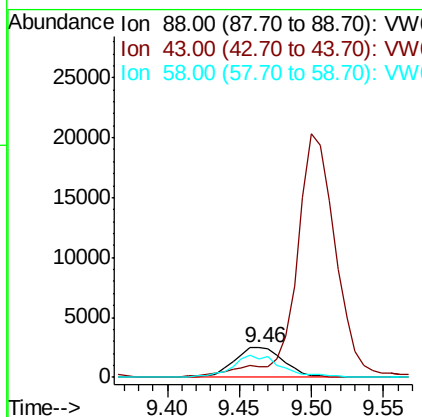
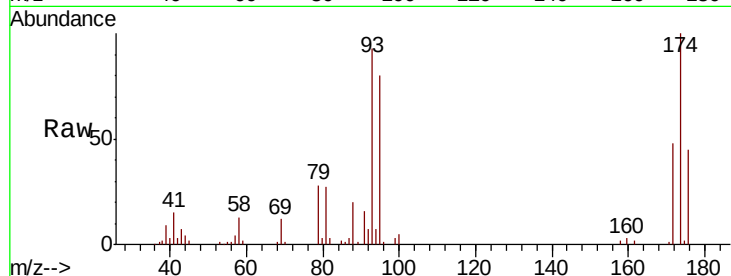
#49
1,4-Dioxane
Concen: 405.325 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.1	45.1#
58	75.3	56.1	84.1

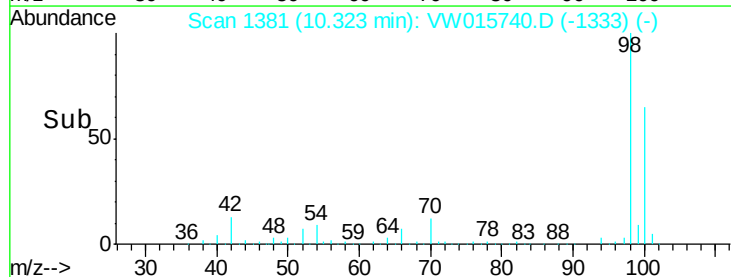
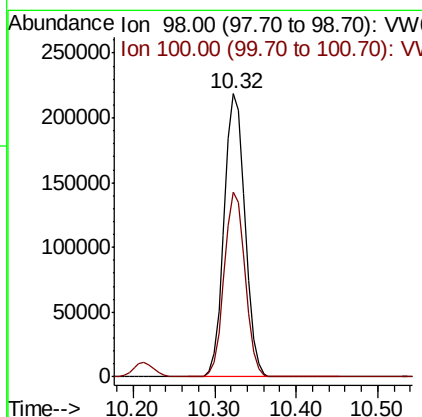
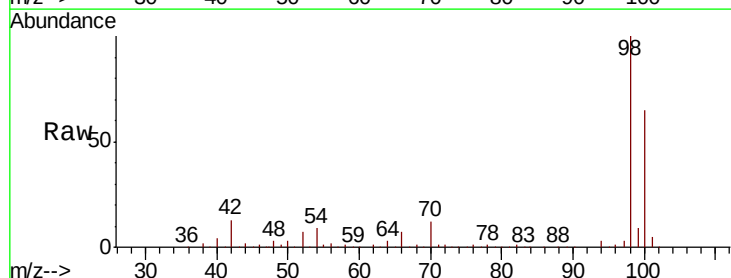
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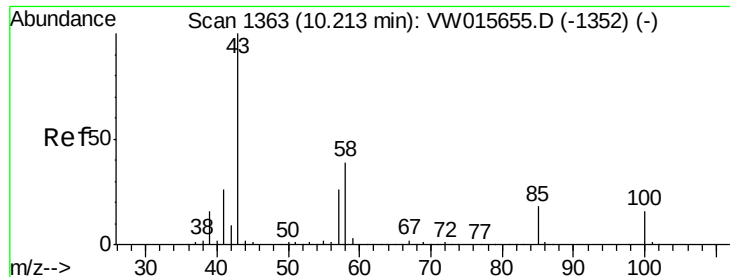
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#50
Toluene-d8
Concen: 50.150 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 103.413 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBS01

Tot Ion: 43 Resp: 122471

Ion Ratio Lower Upper

43 100

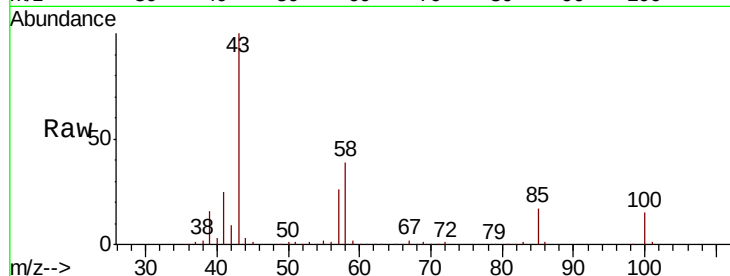
58 38.8 31.2 46.8

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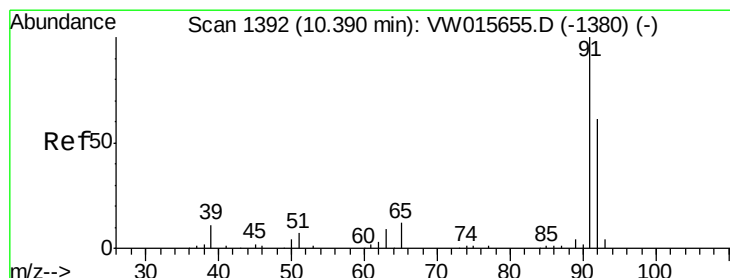
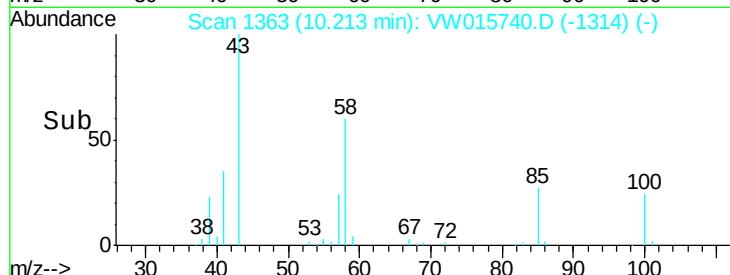
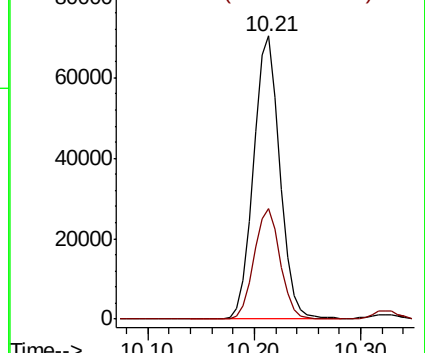
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 21.899 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015740.D

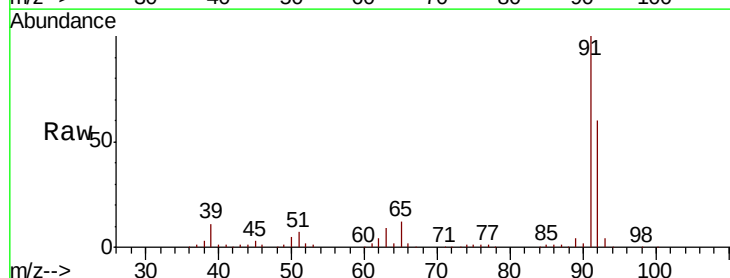
Acq: 26 Jun 2020 11:07

Tgt Ion: 92 Resp: 123919

Ion Ratio Lower Upper

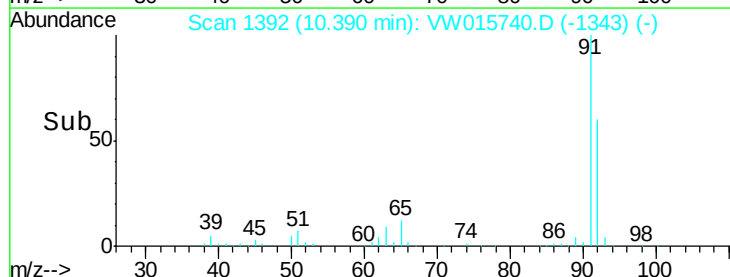
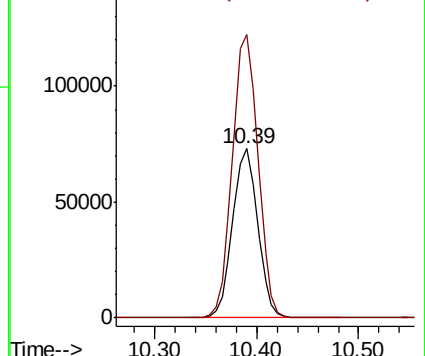
92 100

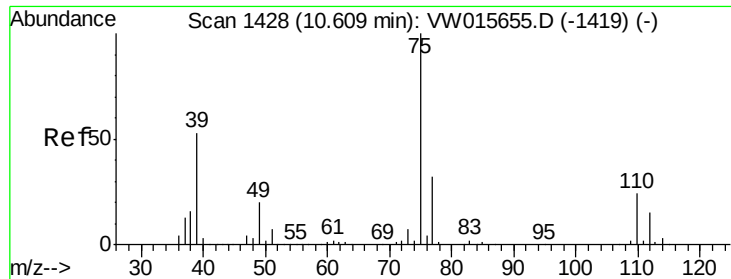
91 171.7 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





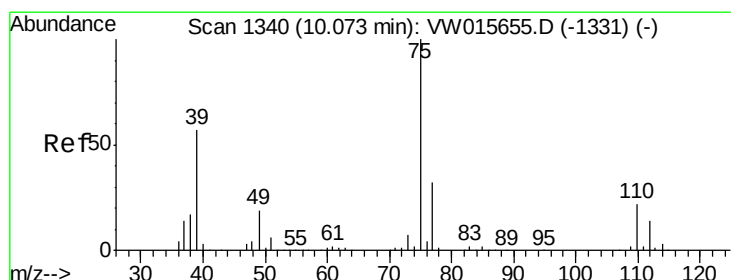
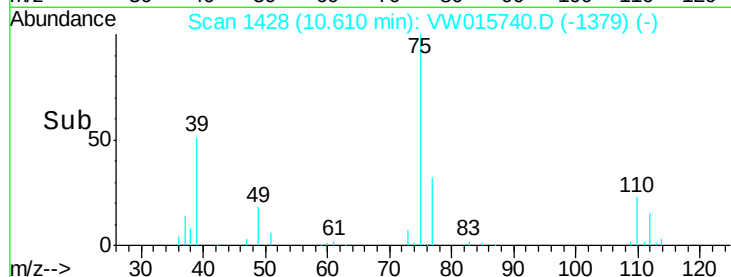
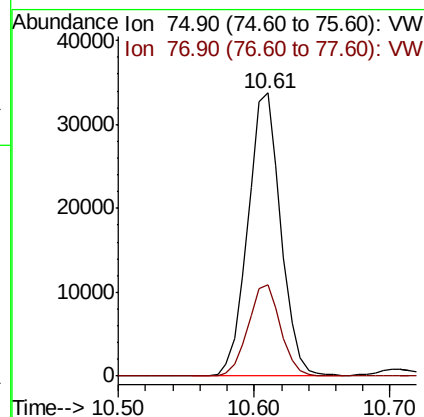
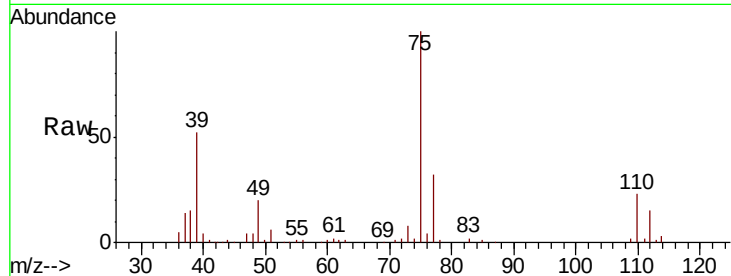
#53
 t-1,3-Dichloropropene
 Concen: 20.429 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.3	37.9

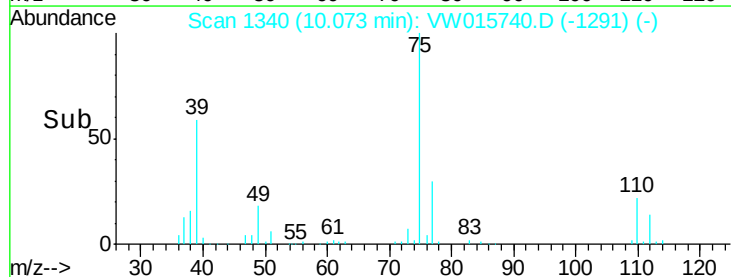
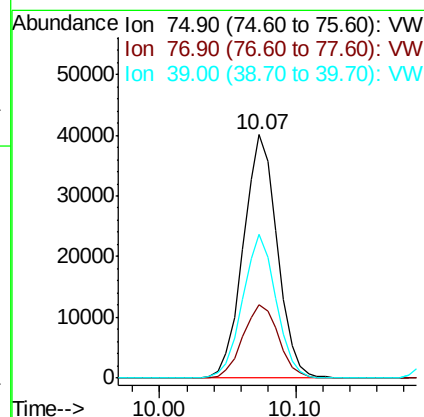
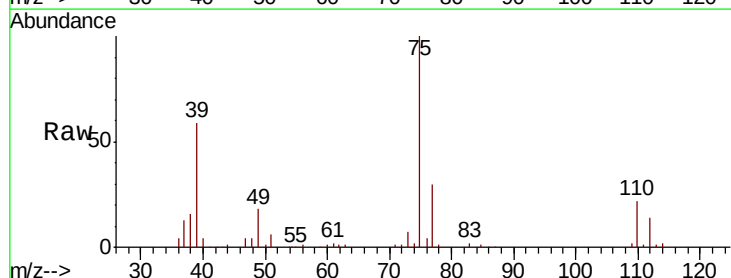
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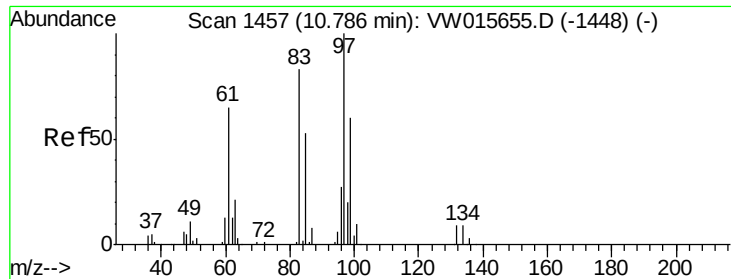
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#54
 cis-1,3-Dichloropropene
 Concen: 20.975 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.4	38.2
39	58.9	45.8	68.6





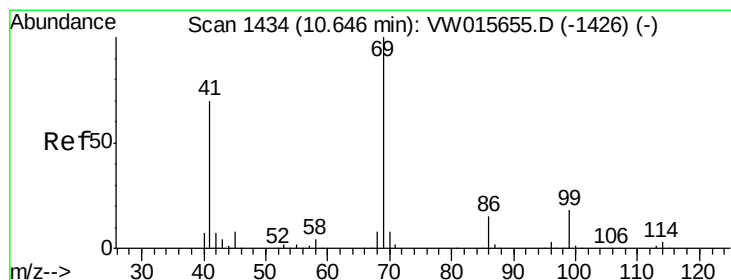
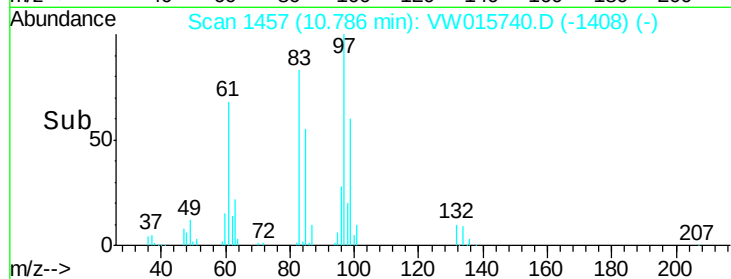
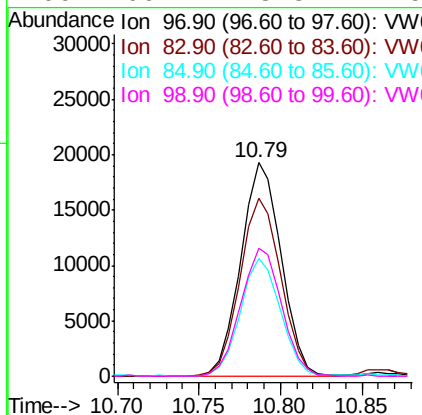
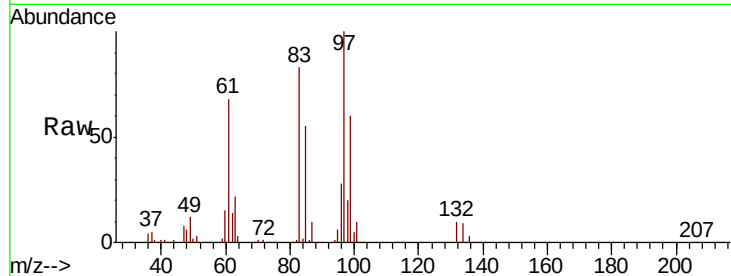
#55
 1,1,2-Trichloroethane
 Concen: 21.660 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion:	97	Resp:	33376
Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.3	99.5
85	55.1	42.5	63.7
99	60.2	48.3	72.5

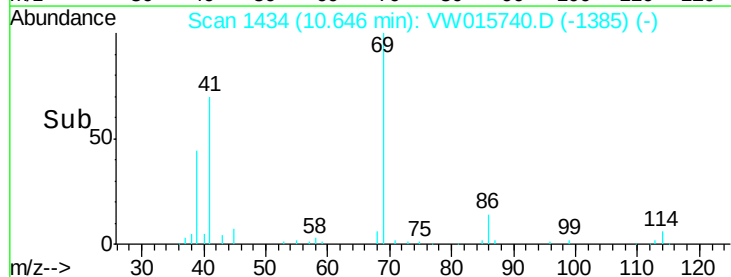
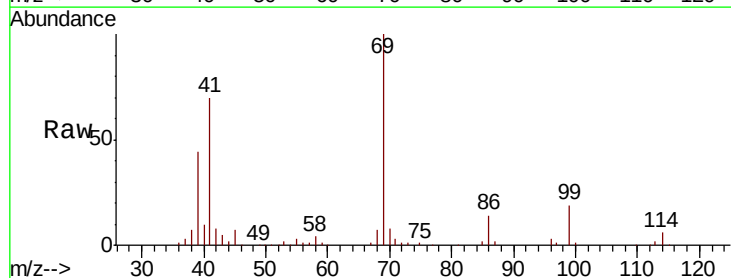
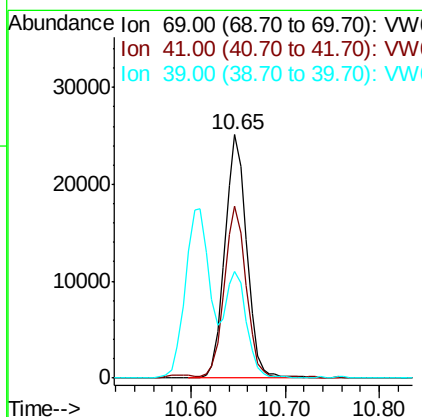
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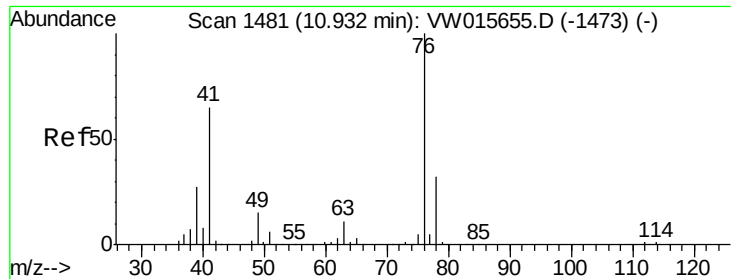
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#56
 Ethyl methacrylate
 Concen: 21.067 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Tgt Ion:	69	Resp:	40393
Ion	Ratio	Lower	Upper
69	100		
41	70.7	55.8	83.6
39	42.8	29.5	44.3





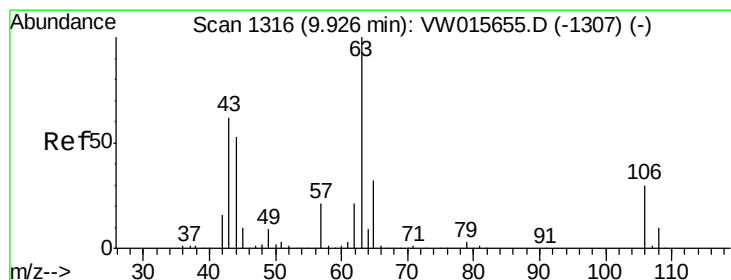
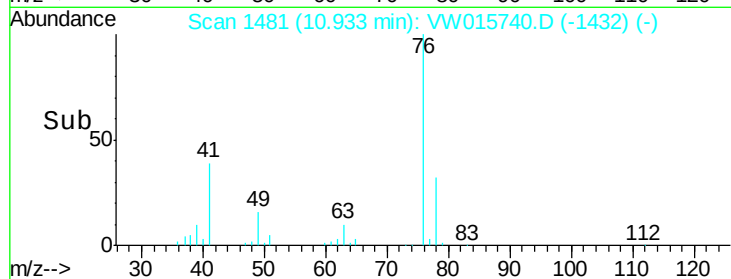
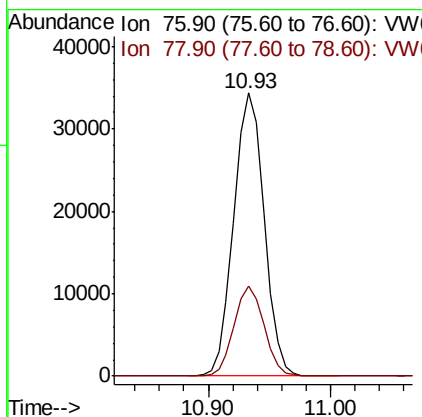
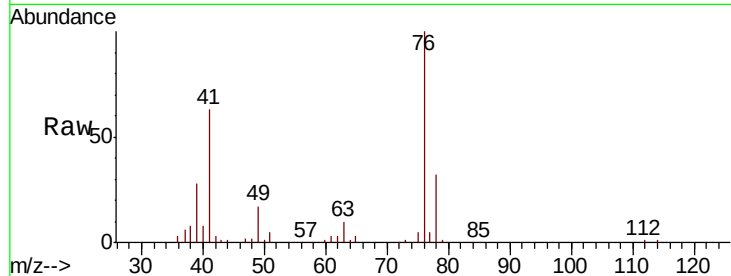
#57
 1,3-Dichloropropane
 Concen: 21.632 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion: 76 Resp: 59095
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.2 39.2

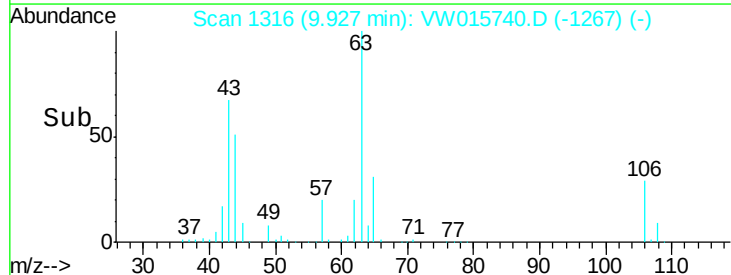
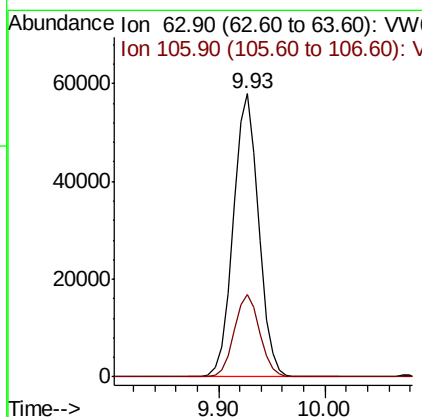
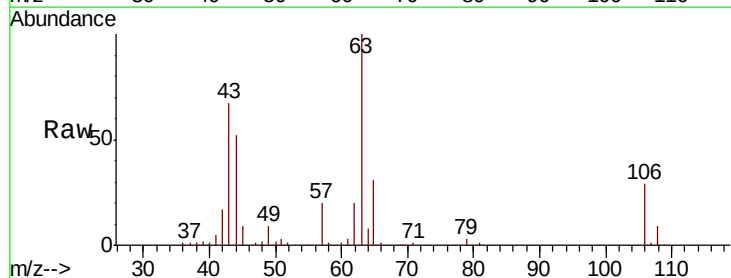
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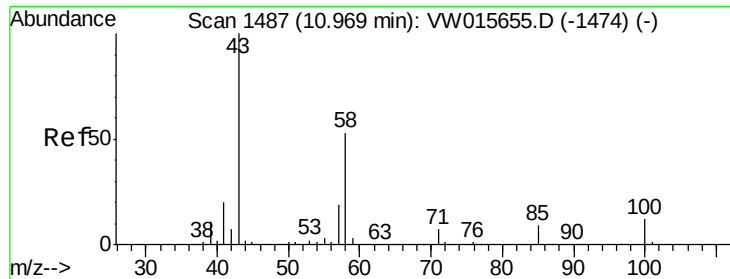
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 6/29/2020 12:33:59 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.783 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Tgt Ion: 63 Resp: 96886
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.3 34.9





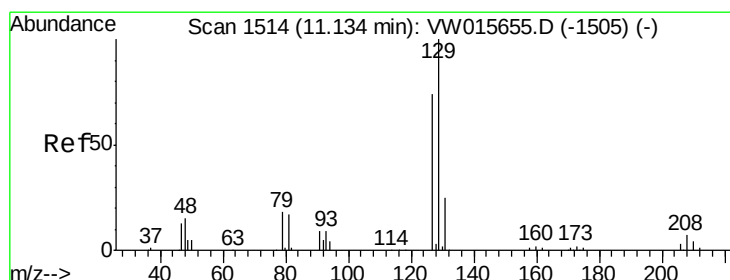
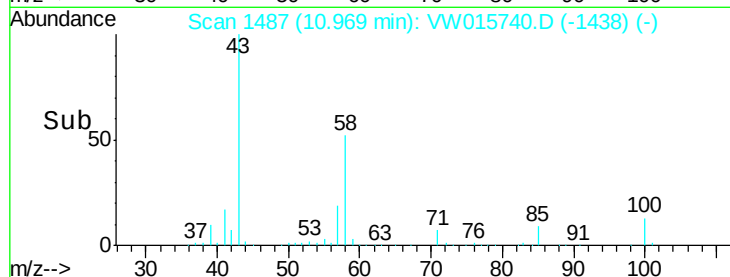
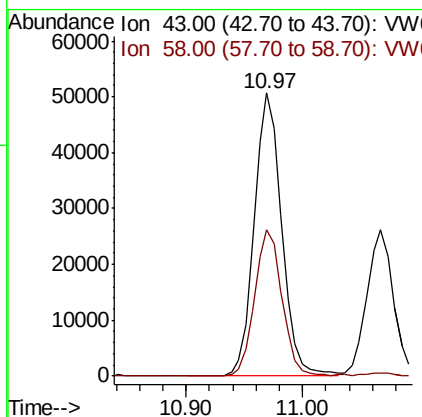
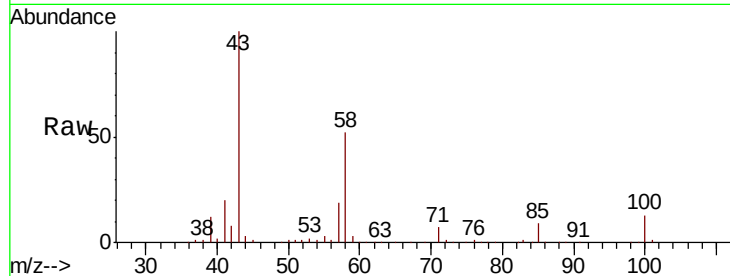
#59
2-Hexanone
Concen: 103.665 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion: 43 Resp: 83581
Ion Ratio Lower Upper
43 100
58 51.7 26.5 79.4

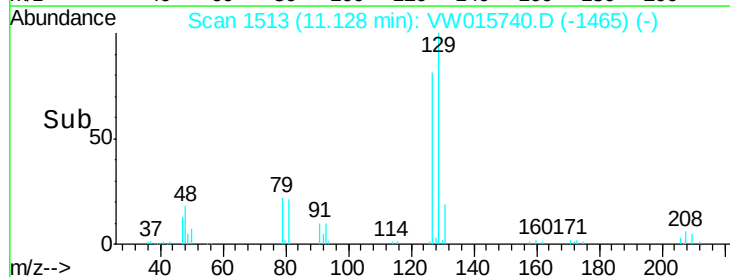
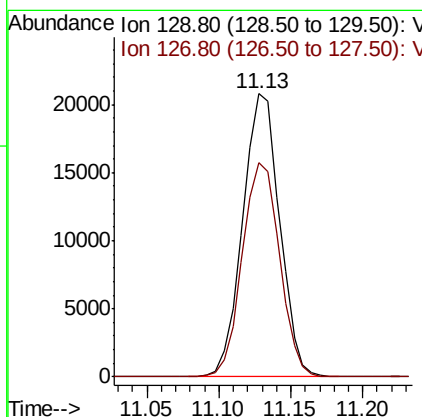
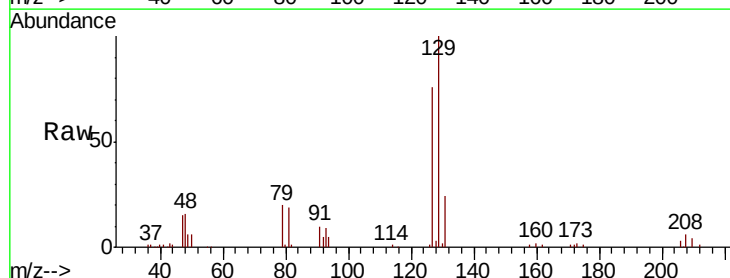
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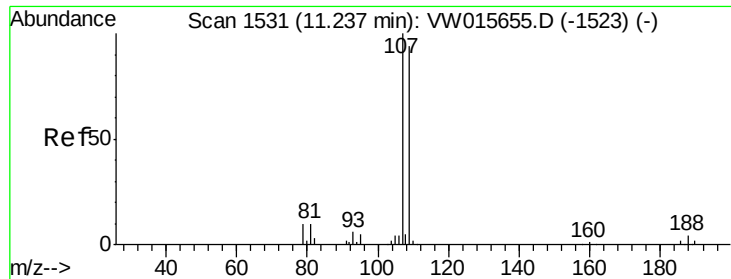
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#60
Dibromochloromethane
Concen: 20.522 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion: 129 Resp: 36852
Ion Ratio Lower Upper
129 100
127 76.6 38.0 114.1





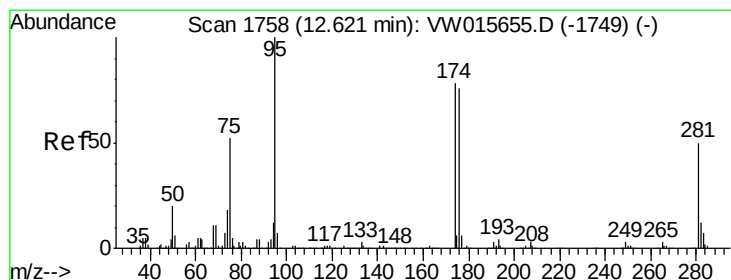
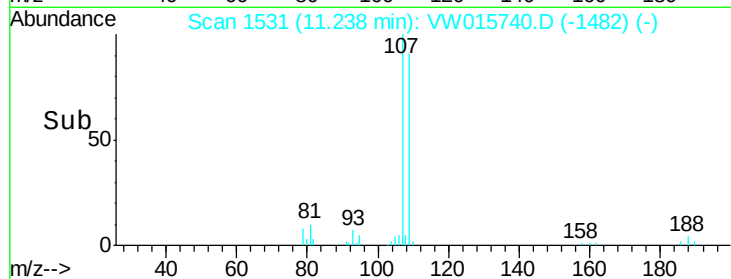
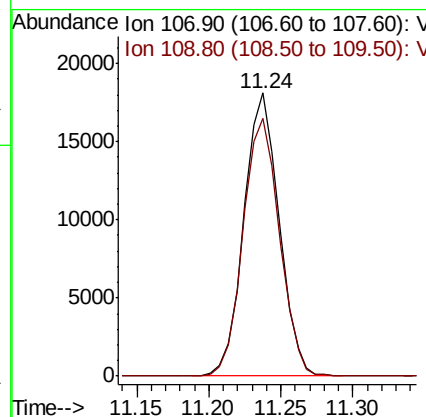
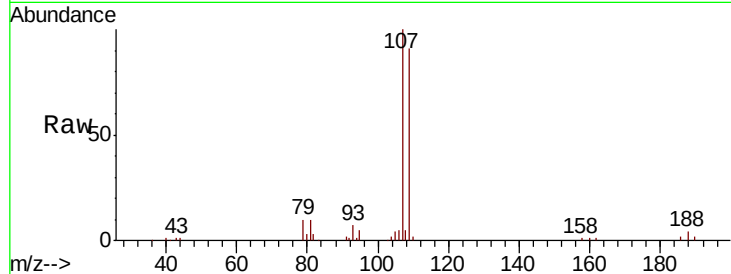
#61
 1,2-Dibromoethane
 Concen: 20.852 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	74.9	112.3

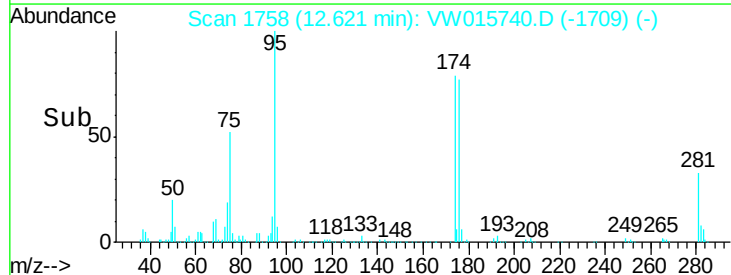
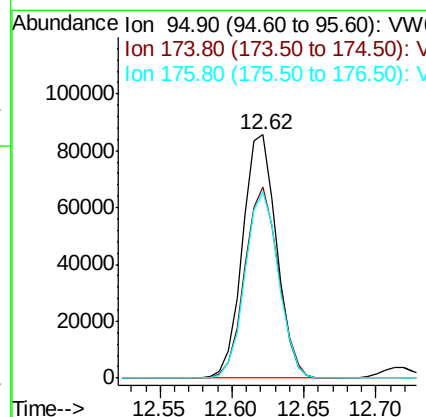
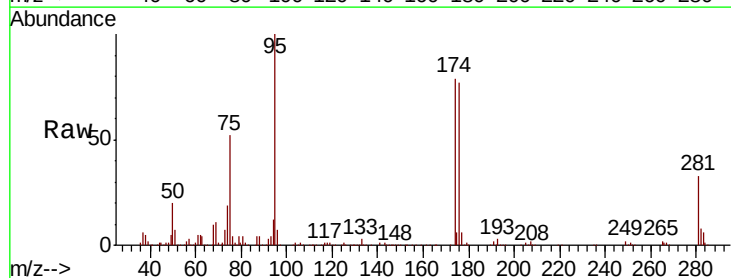
Manual Integrations
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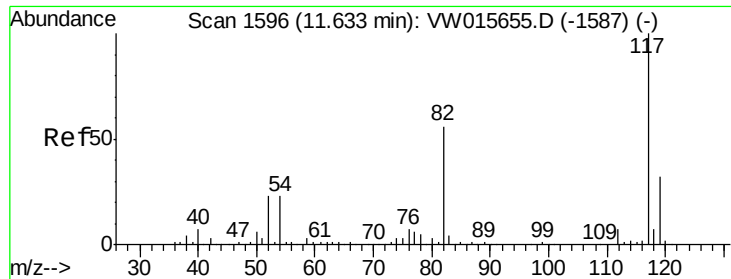
MMDadoda
 6/29/2020 12:33:59 PM



#62
 4-Bromofluorobenzene
 Concen: 49.499 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	157.0
176	75.2	0.0	151.4





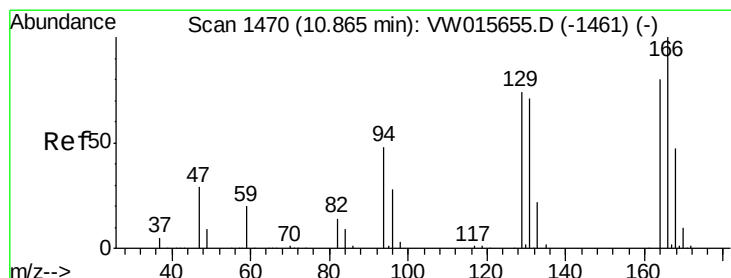
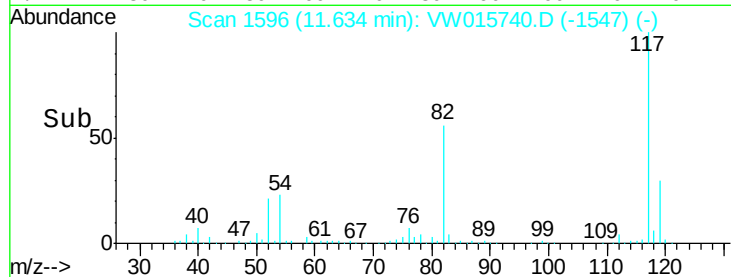
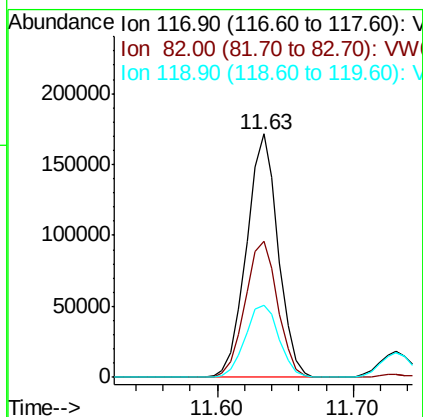
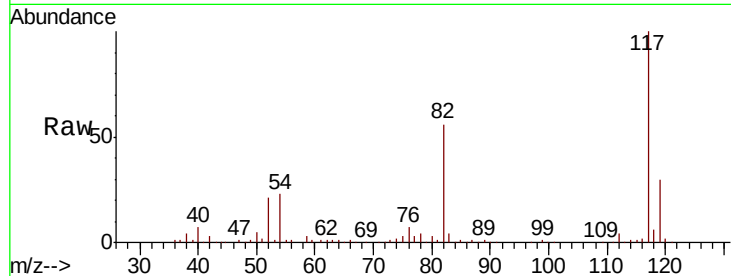
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.1	67.7
119	29.7	25.8	38.8

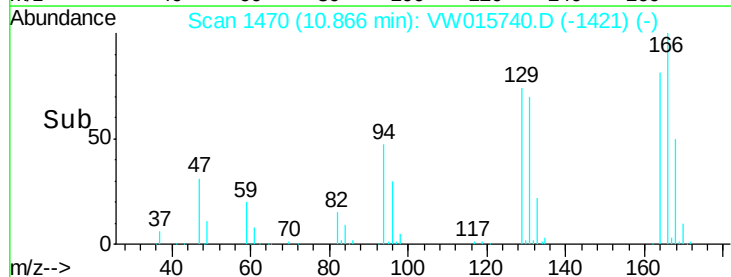
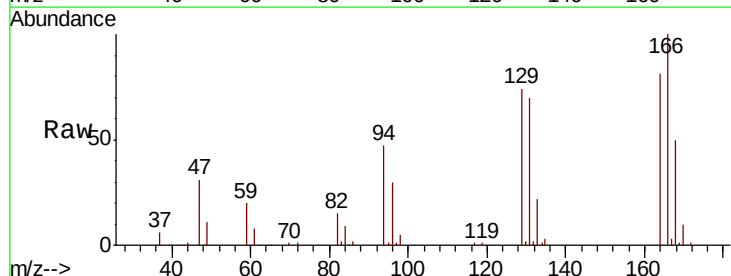
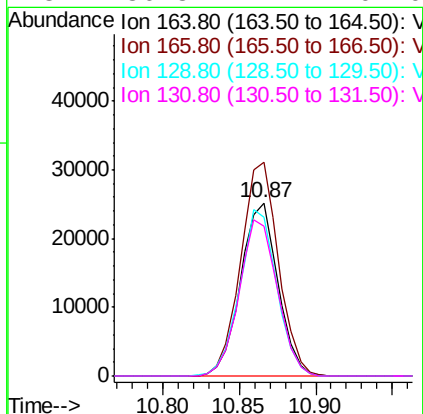
Manual Integrations
APPROVED

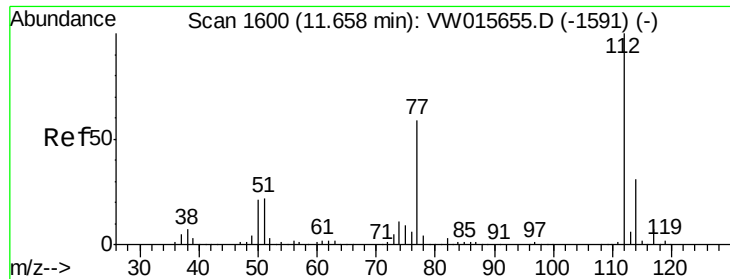
MMDadoda
6/29/2020 12:33:59 PM



#64
Tetrachloroethene
Concen: 21.716 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.4	99.9	149.9
129	91.4	74.2	111.2
131	86.8	71.4	107.0





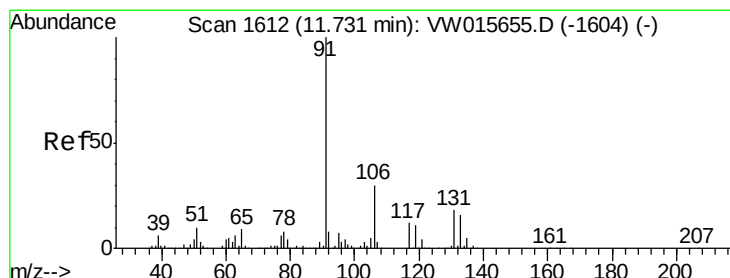
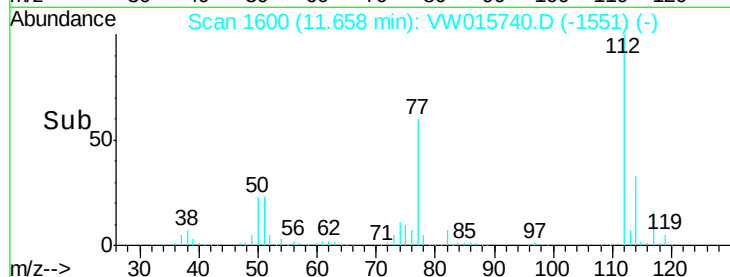
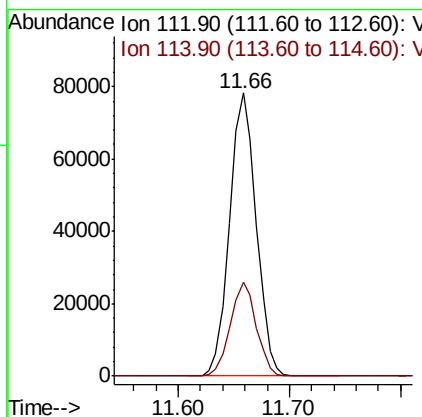
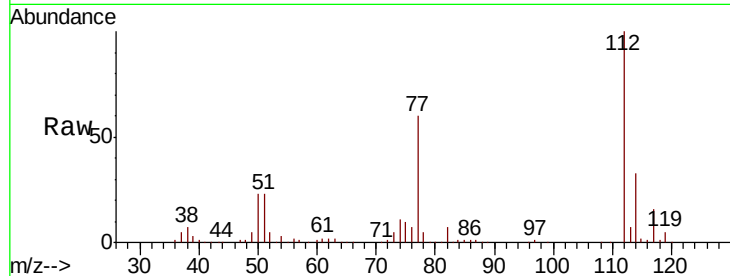
#65
Chlorobenzene
Concen: 22.006 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion:112 Resp: 129420
Ion Ratio Lower Upper
112 100
114 33.1 24.9 37.3

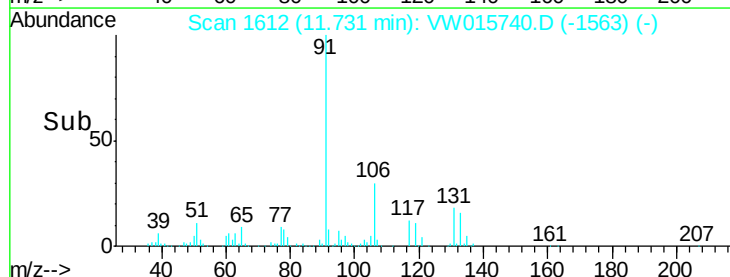
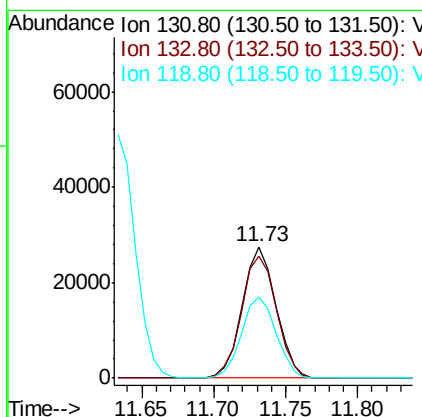
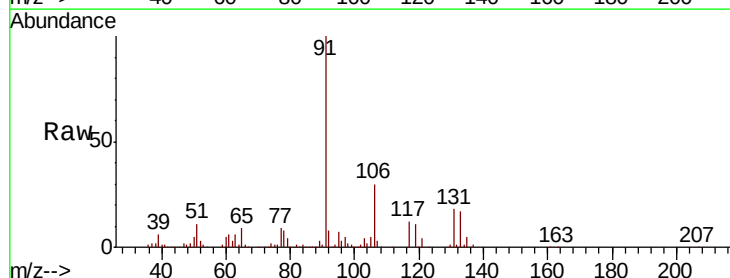
Manual Integrations
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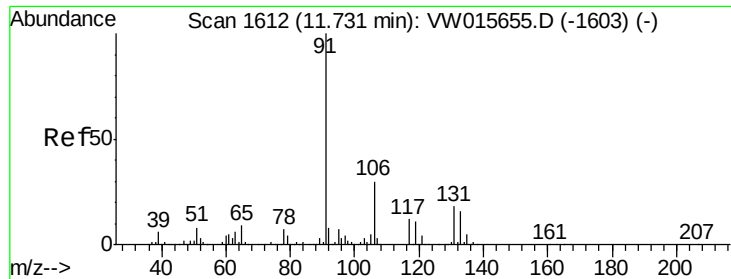
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.666 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion:131 Resp: 44677
Ion Ratio Lower Upper
131 100
133 96.2 46.5 139.5
119 63.4 32.5 97.5





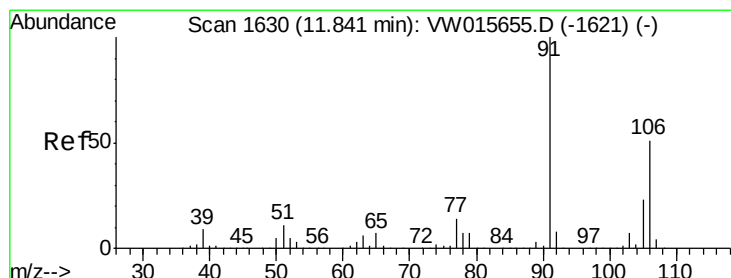
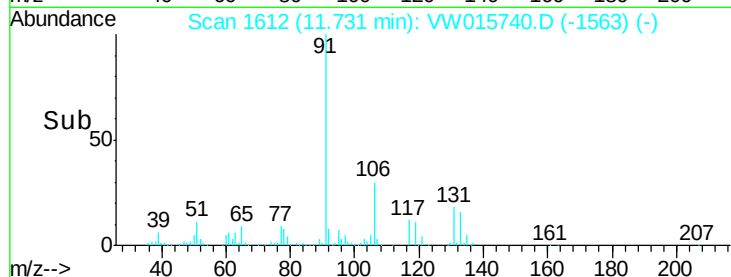
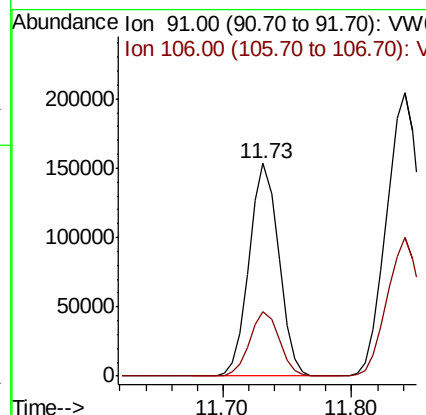
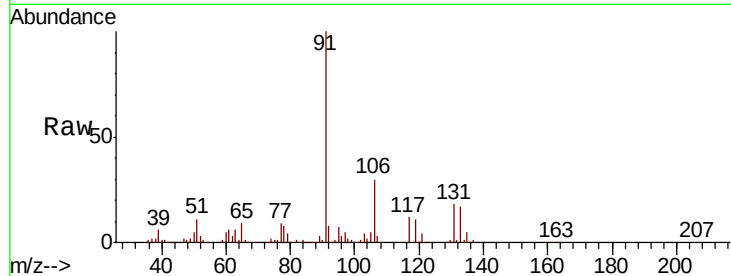
#67
Ethyl Benzene
Concen: 22.230 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion: 91 Resp: 243317
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1

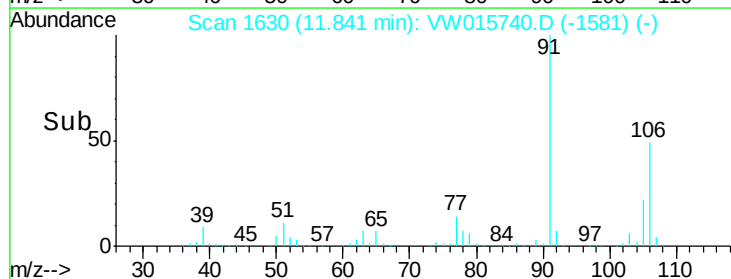
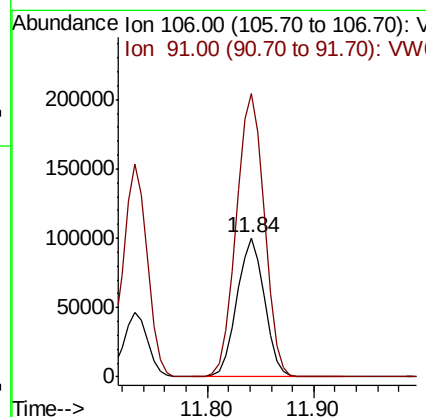
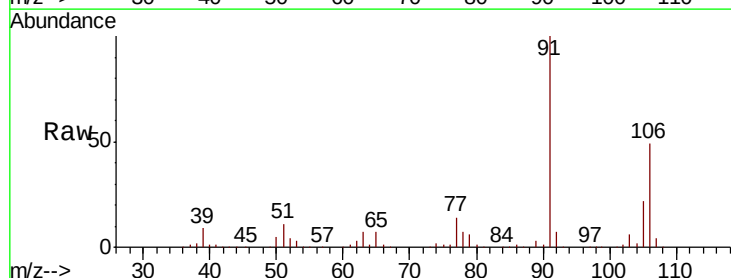
Manual Integrations
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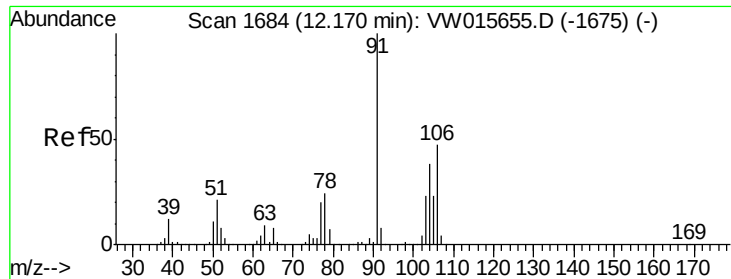
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#68
m/p-Xylenes
Concen: 44.324 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion: 106 Resp: 182169
Ion Ratio Lower Upper
106 100
91 208.2 162.6 244.0





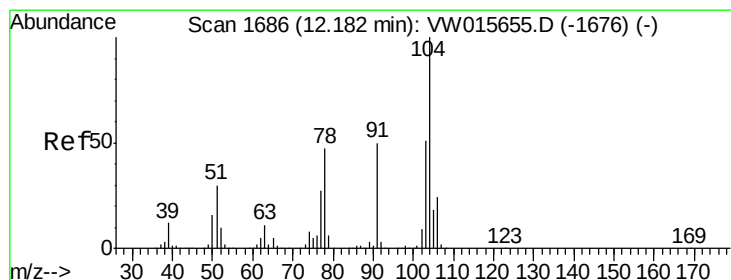
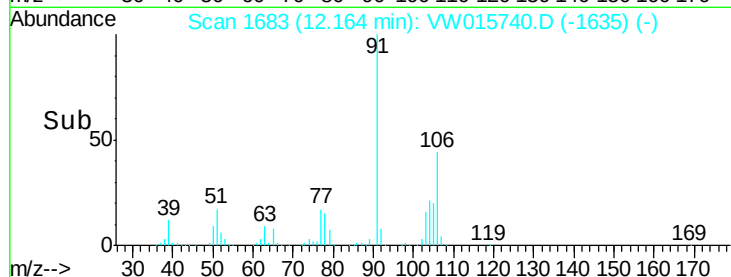
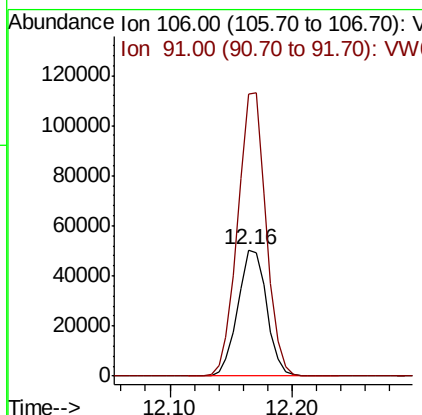
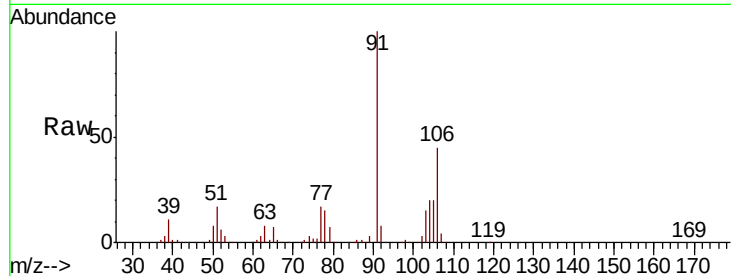
#69
o-Xylene
Concen: 21.720 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion:106 Resp: 82077
Ion Ratio Lower Upper
106 100
91 220.5 108.3 324.9

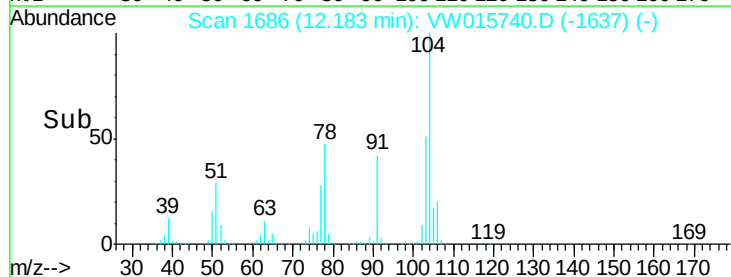
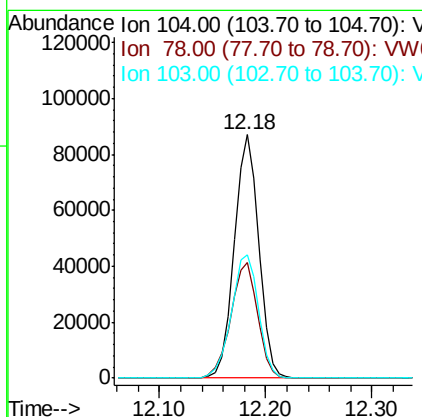
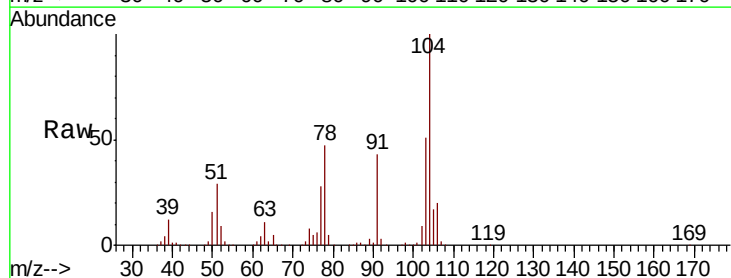
Manual Integrations
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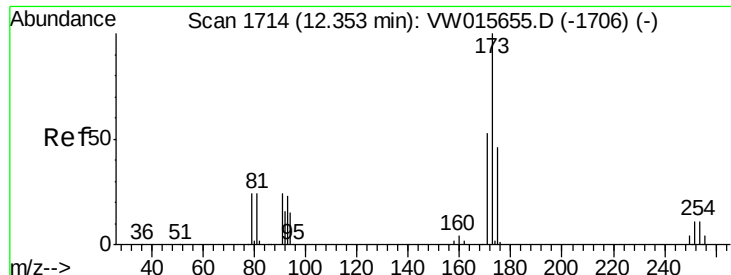
MMDadoda
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#70
Styrene
Concen: 21.809 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion:104 Resp: 140805
Ion Ratio Lower Upper
104 100
78 52.0 40.9 61.3
103 56.0 43.1 64.7





#71

Bromoform

Concen: 20.261 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBS01

Tot Ion:173 Resp: 19223

Ion Ratio Lower Upper

173 100

175 48.1 23.5 70.6

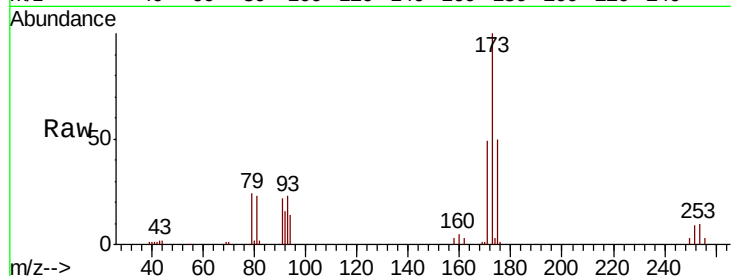
254 0.0 0.1 0.1#

Manual Integrations

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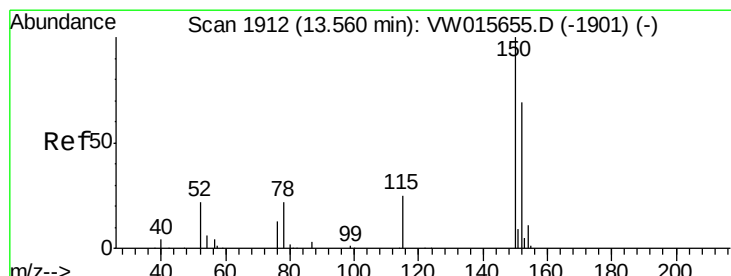
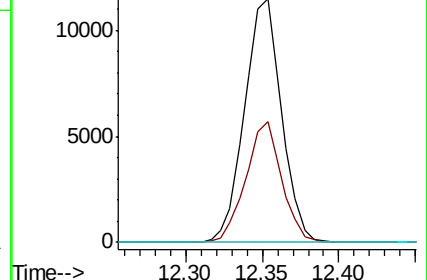
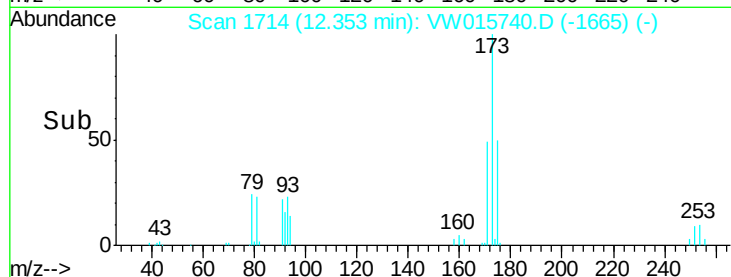
6/29/2020 12:33:59 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

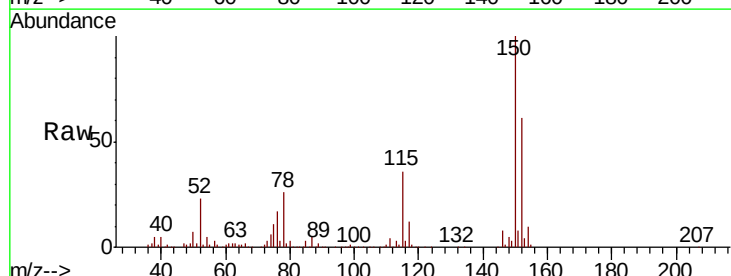
Tgt Ion:152 Resp: 143125

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.5

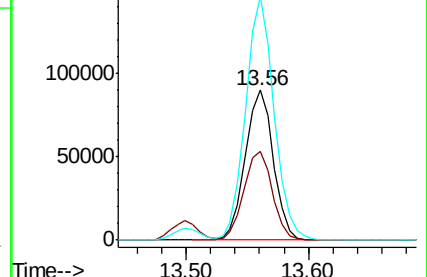
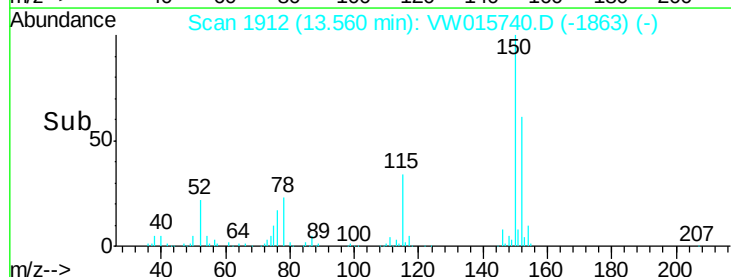
150 164.5 0.0 345.6

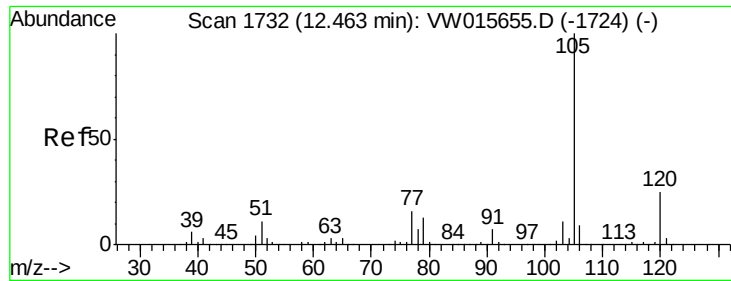


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





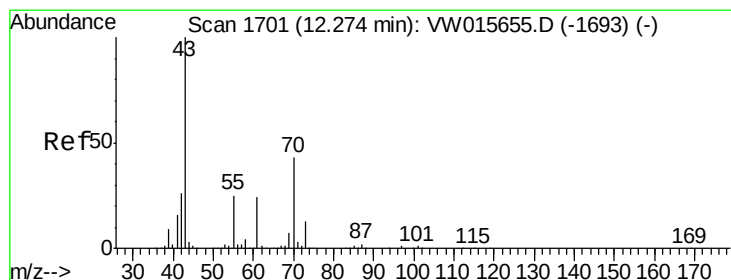
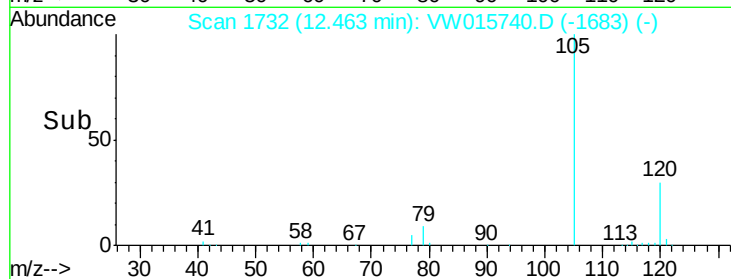
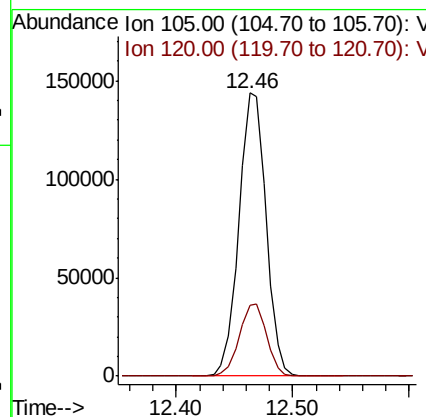
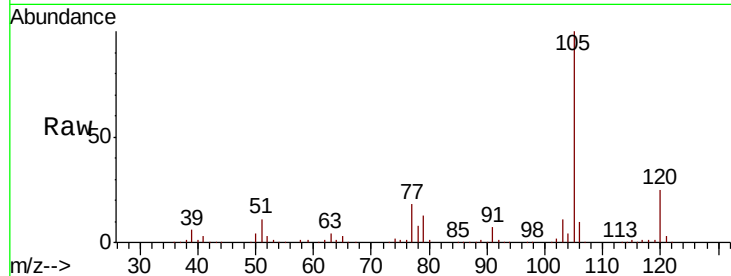
#73
Isopropylbenzene
Concen: 21.424 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.9	38.7

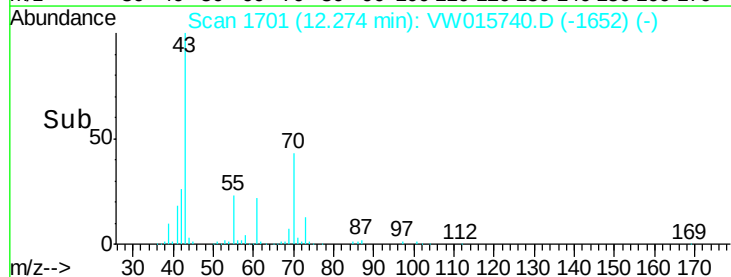
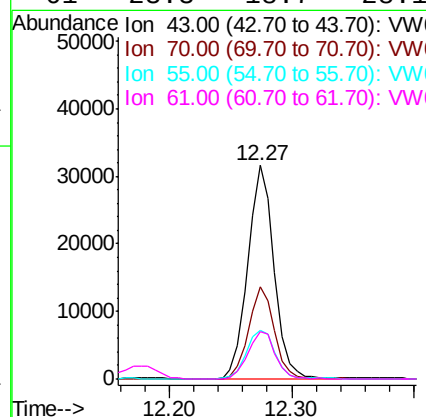
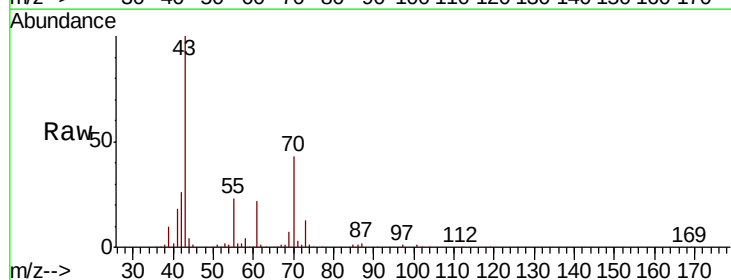
Manual Integrations
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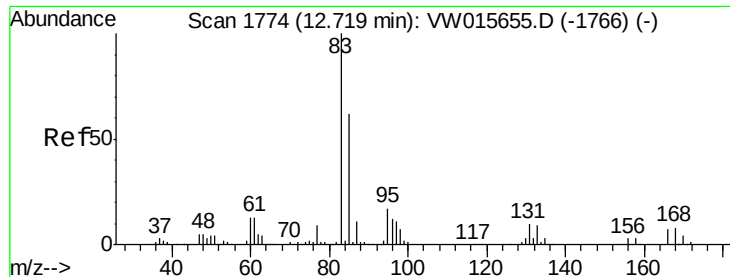
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#74
N-ethyl acetate
Concen: 20.437 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.4	33.6	50.4
55	25.2	19.7	29.5
61	23.3	18.7	28.1





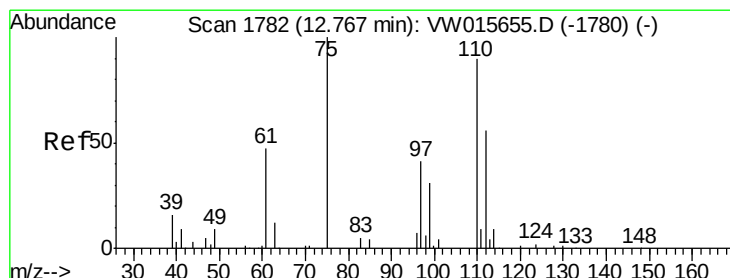
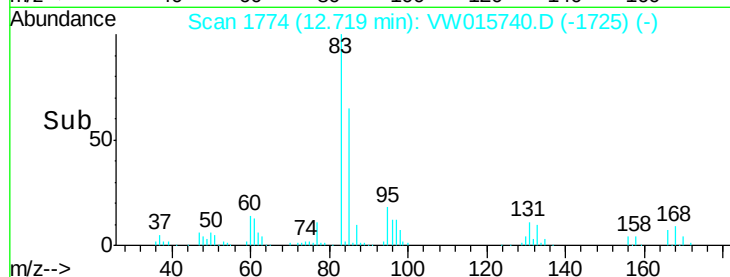
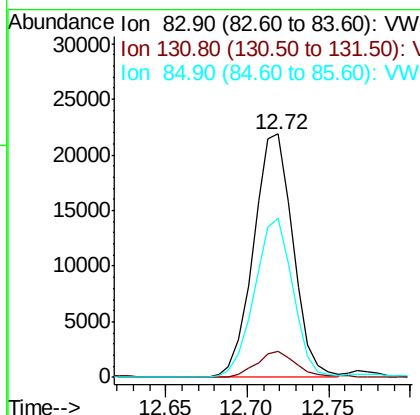
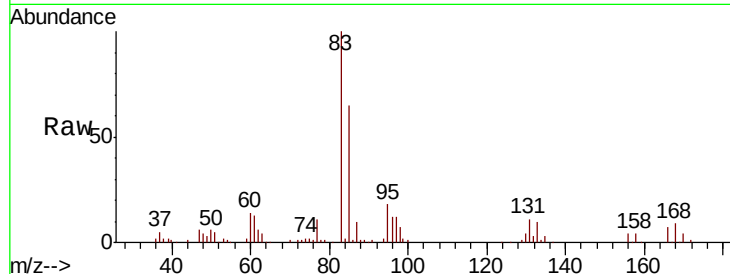
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.108 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	11.1	5.5	16.4	
85	63.7	31.9	95.7	

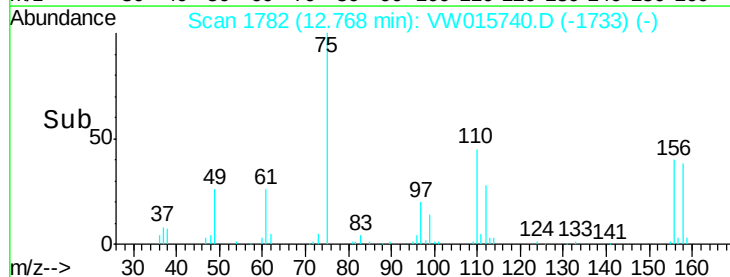
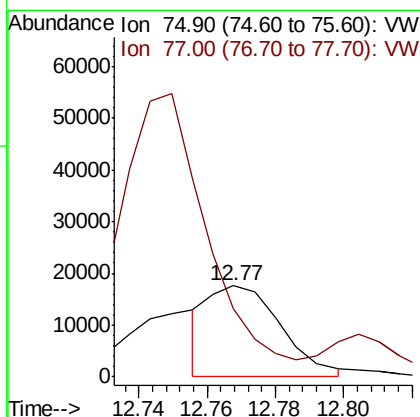
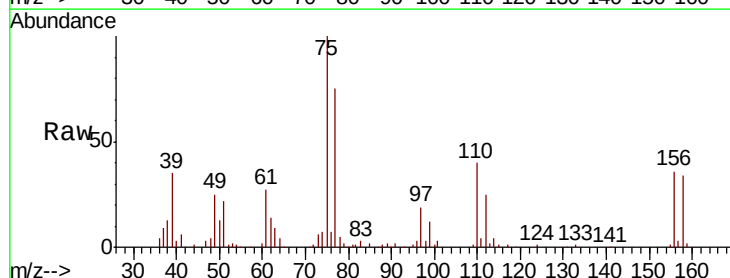
Manual Integrations
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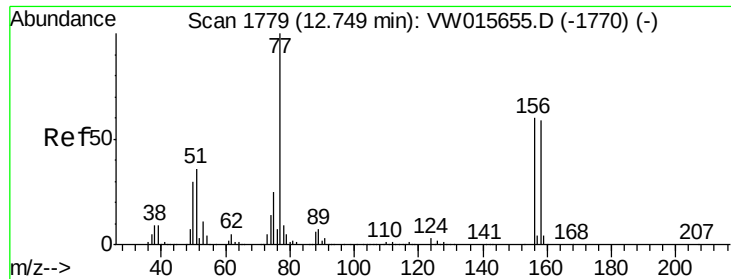
MMDadoda
 6/29/2020 12:33:59 PM



#76
 1,2,3-Trichloropropane
 Concen: 19.975 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	380.0	179.1	537.1	





#77

Bromobenzene

Concen: 21.027 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Instrument :

MSVOA_W

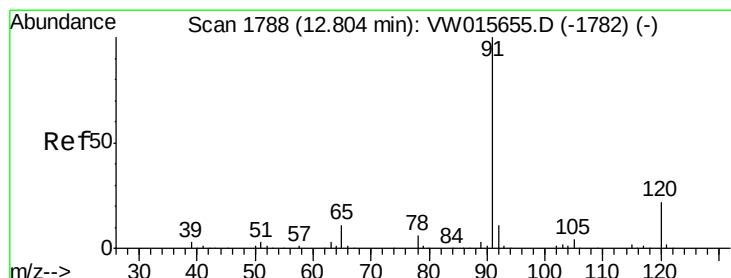
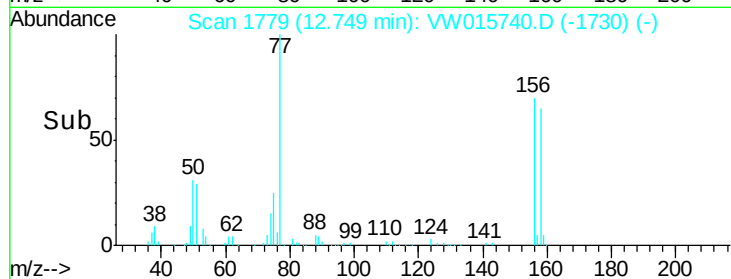
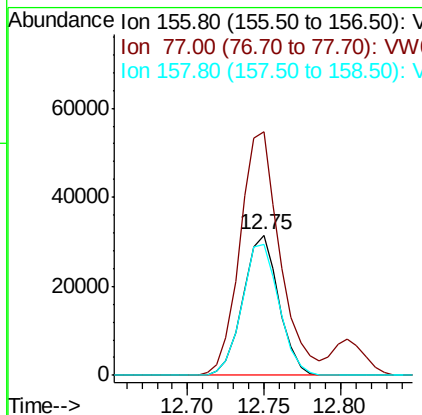
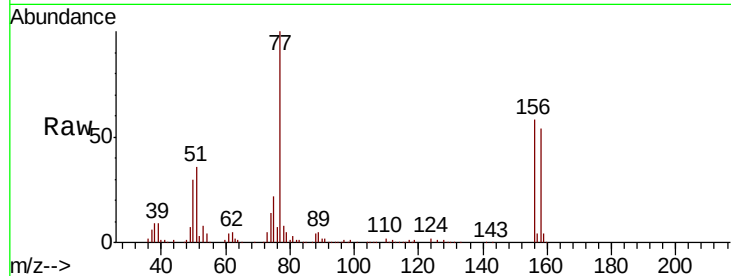
ClientSampleId :

VW0626SBS01

Tot Ion:	156	Resp:	51191
Ion	Ratio	Lower	Upper
156	100		
77	193.6	94.5	283.5
158	96.5	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 22.038 ug/l

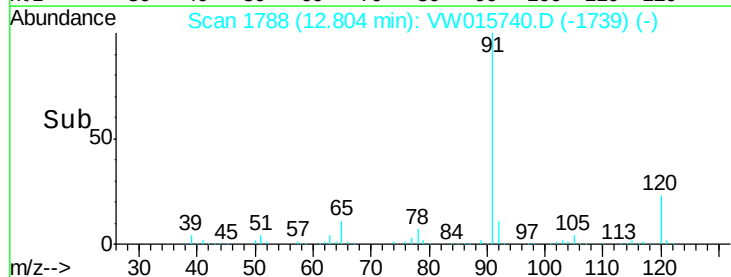
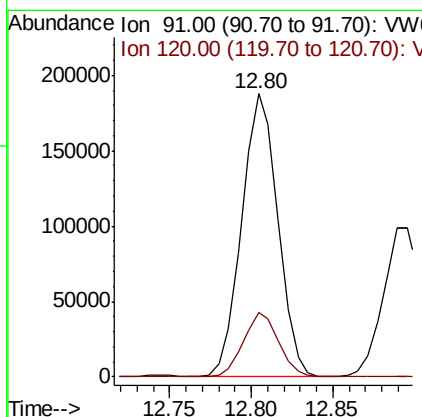
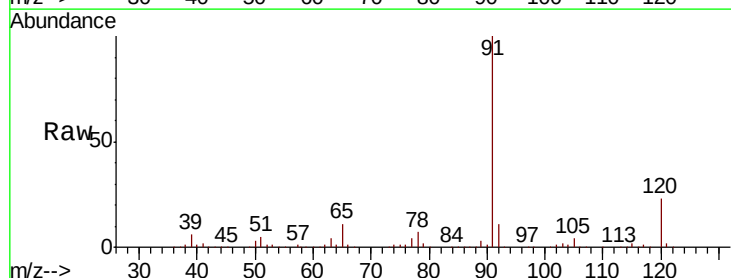
RT: 12.80 min Scan# 1788

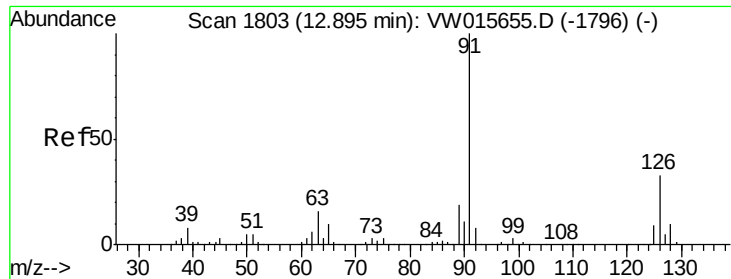
Delta R.T. 0.00 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Tgt Ion:	91	Resp:	289625
Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.2	33.5





#79

2-Chlorotoluene

Concen: 22.151 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBS01

Tot Ion: 91 Resp: 163909

Ion Ratio Lower Upper

91 100

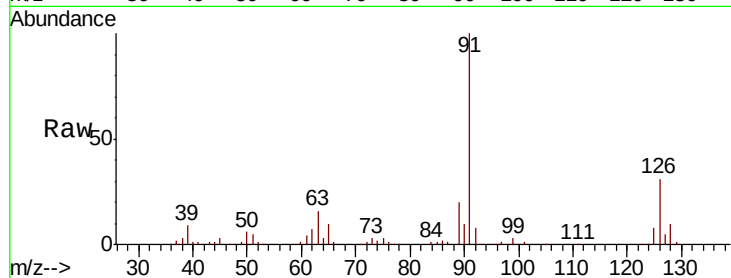
126 32.3 16.6 49.8

Manual Integrations

APPROVED

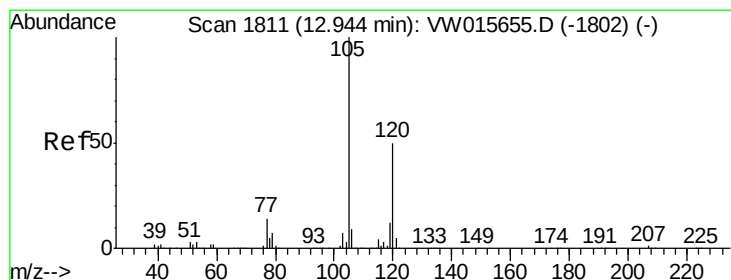
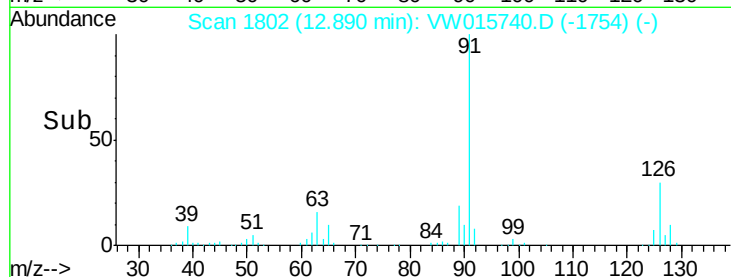
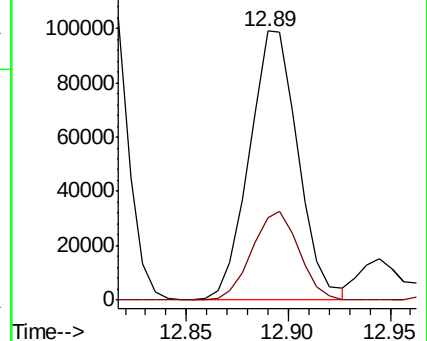
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.801 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015740.D

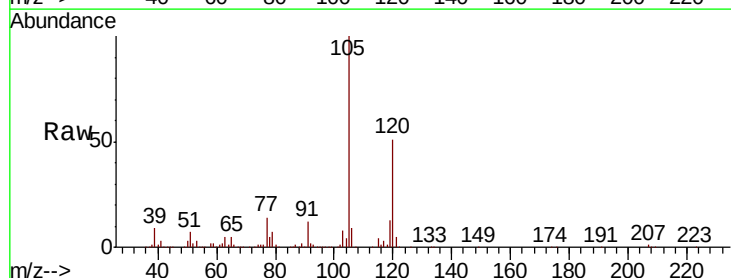
Acq: 26 Jun 2020 11:07

Tgt Ion:105 Resp: 201690

Ion Ratio Lower Upper

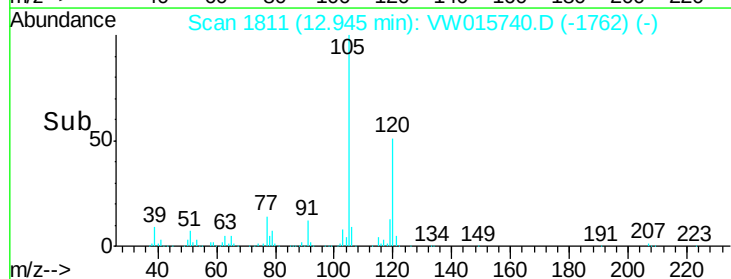
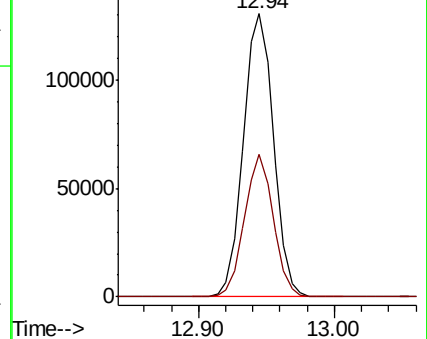
105 100

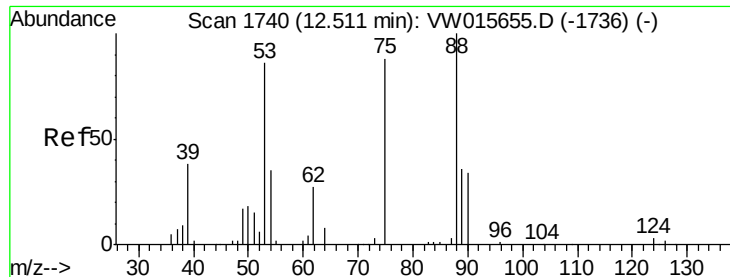
120 48.4 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





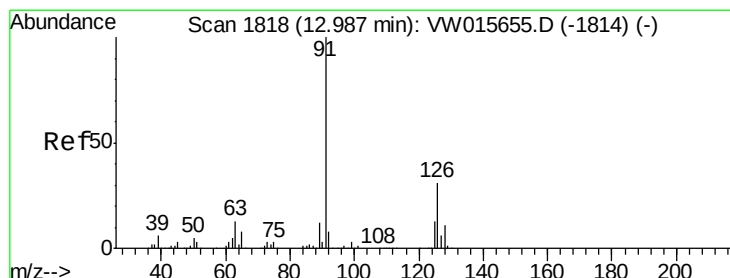
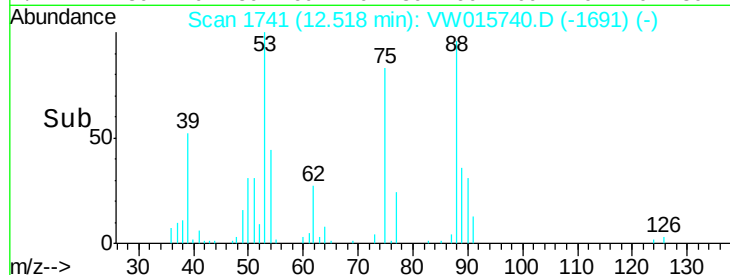
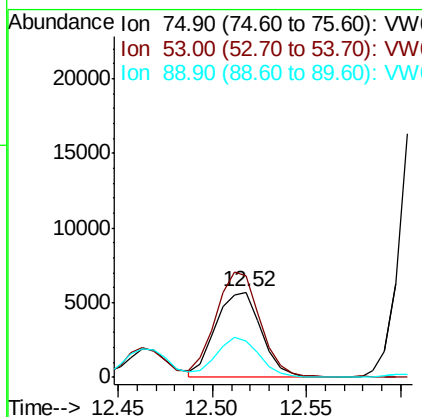
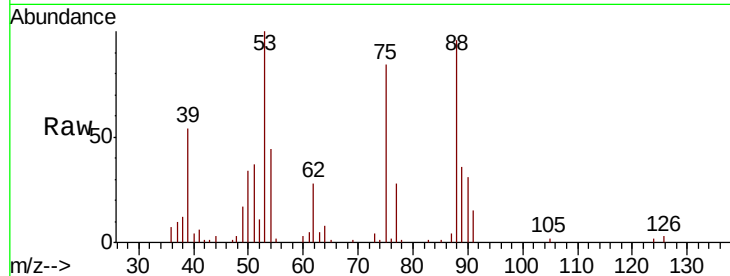
#81
trans-1,4-Dichloro-2-butene
Concen: 18.400 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	122.4	83.8	125.8
89	44.3	36.6	55.0

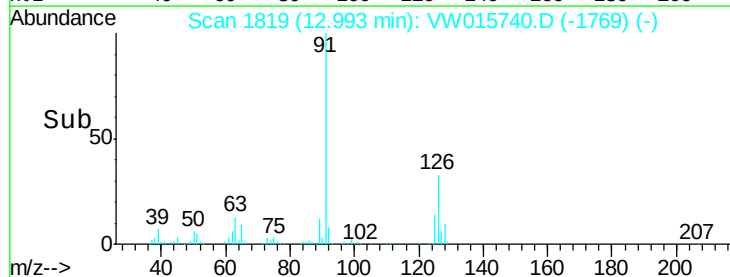
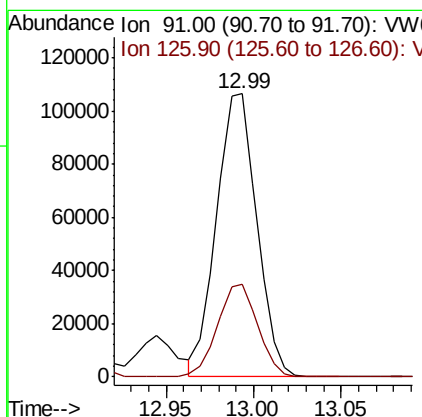
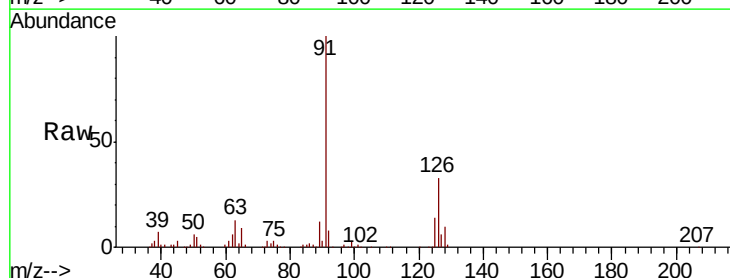
Manual Integrations
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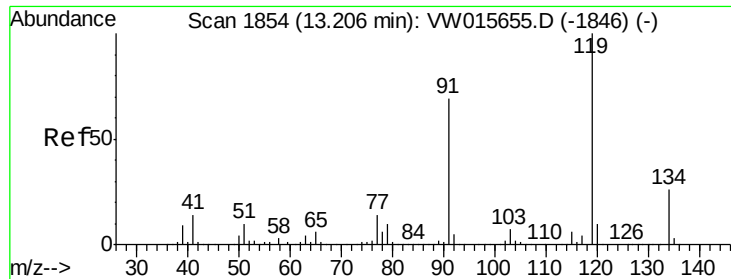
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#82
4-Chlorotoluene
Concen: 21.772 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.3	48.9





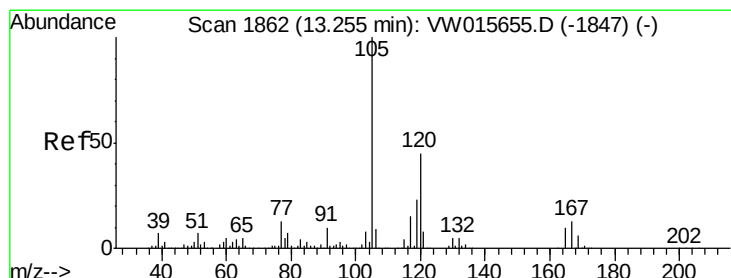
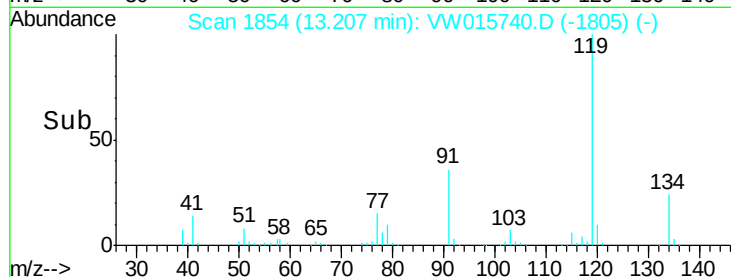
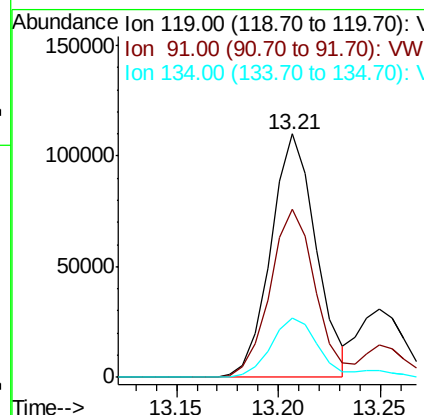
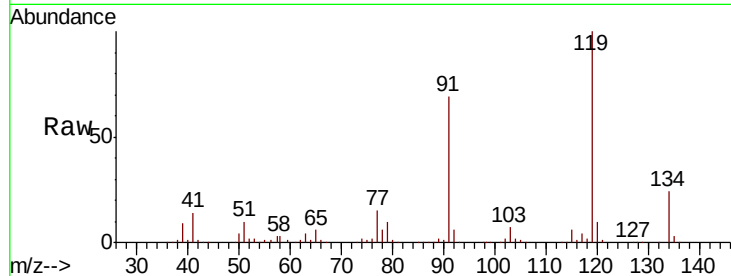
#83
 tert-Butylbenzene
 Concen: 21.761 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.7	34.7	104.1
134	25.2	13.8	41.4

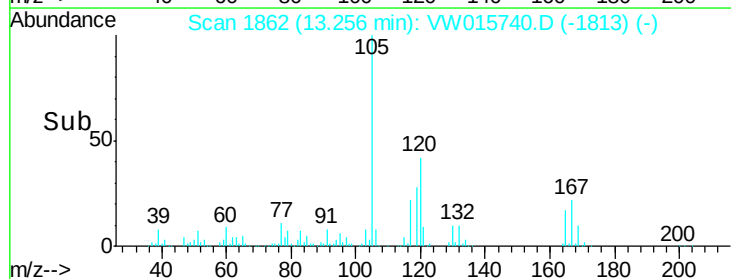
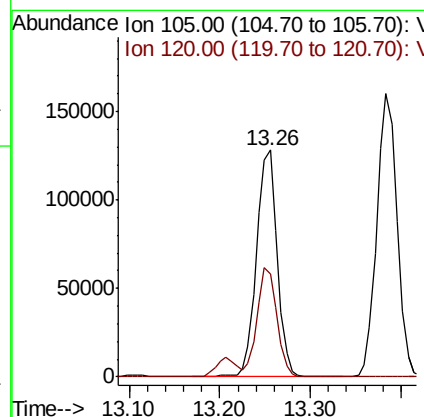
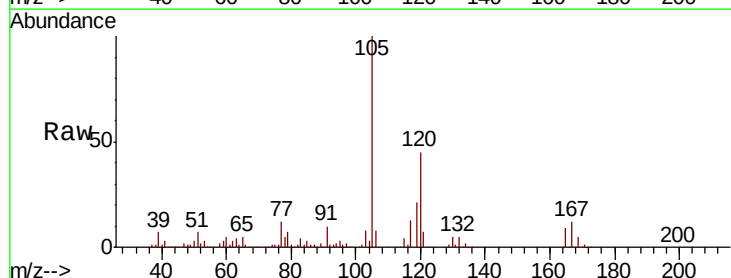
Manual Integrations
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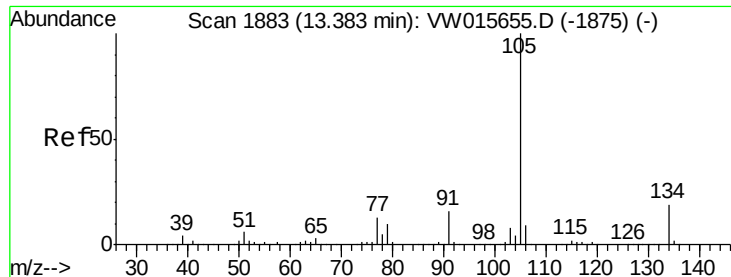
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.936 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.8	68.3





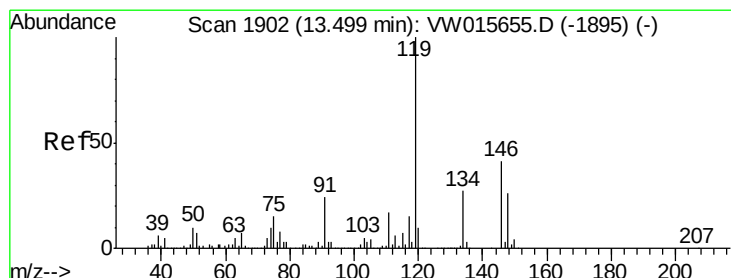
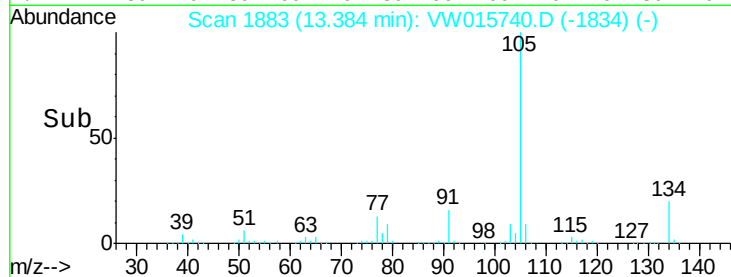
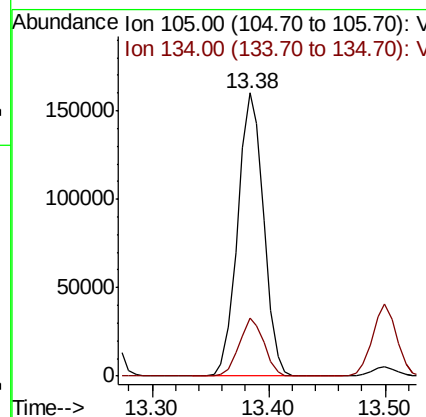
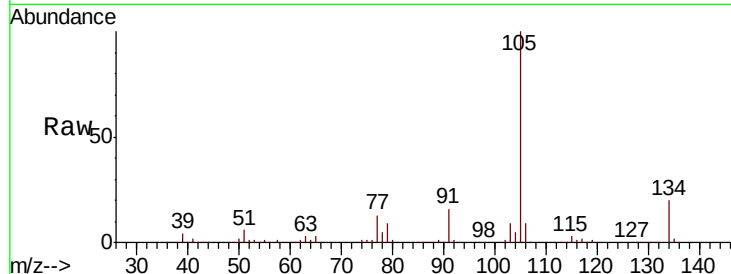
#85
 sec-Butylbenzene
 Concen: 22.186 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	10.0	29.8

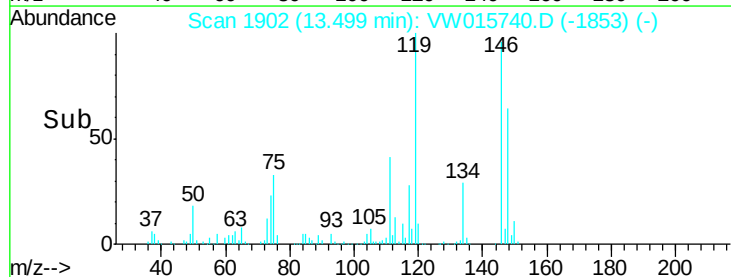
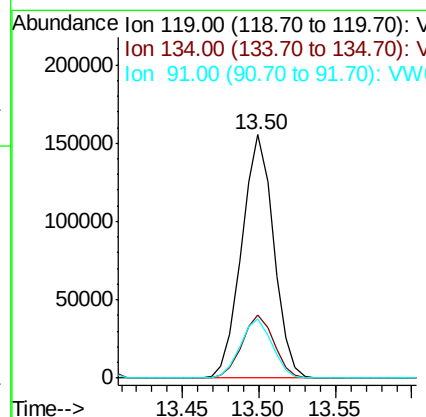
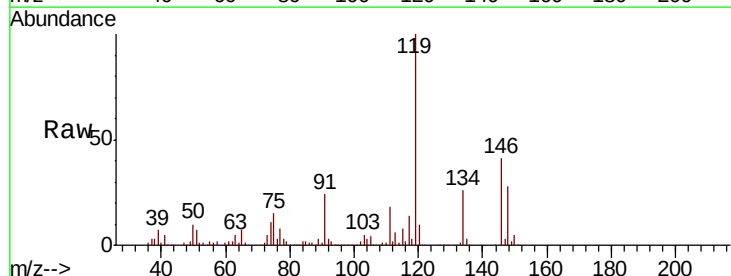
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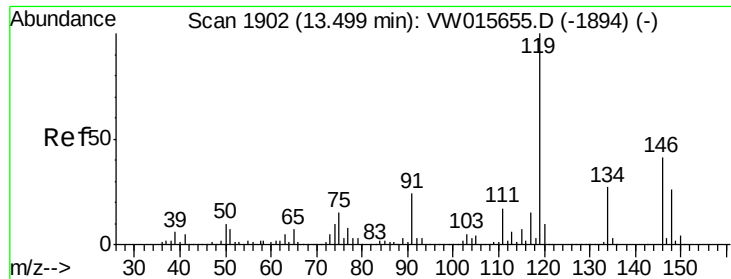
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#86
 p-Isopropyltoluene
 Concen: 22.212 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.5	40.4
91	24.2	12.3	36.8





#87

1,3-Dichlorobenzene

Concen: 21.731 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

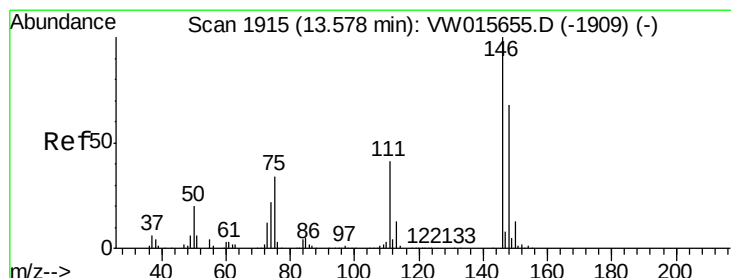
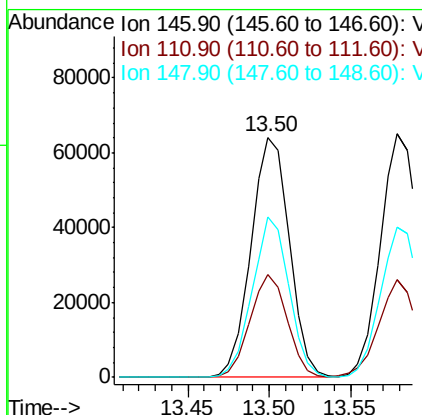
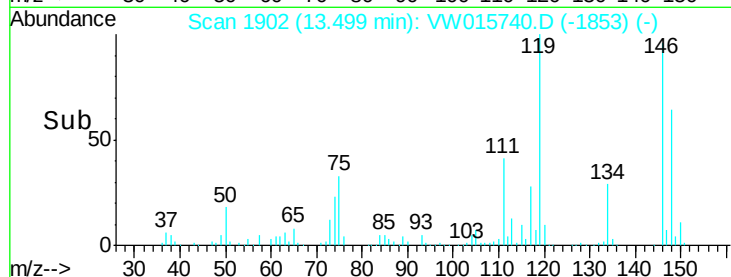
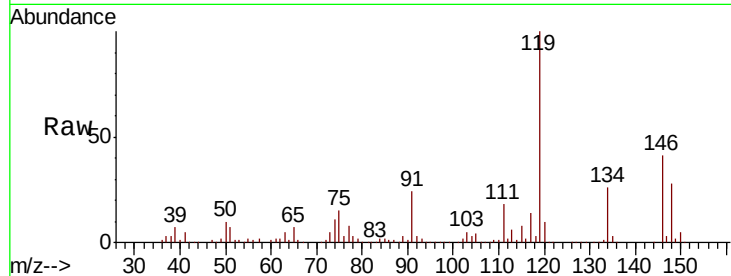
Instrument :
MSVOA_W

ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.3	60.8
148	64.1	31.6	94.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 22.216 ug/l

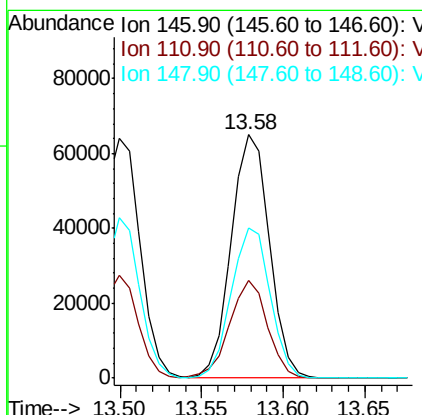
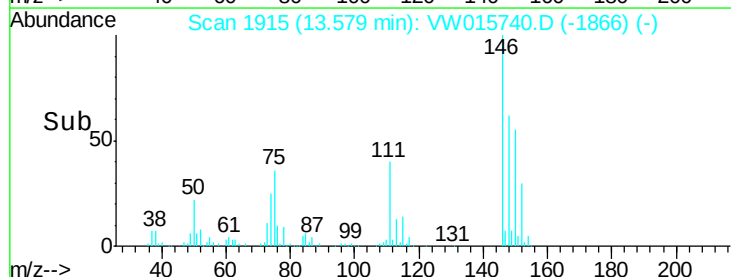
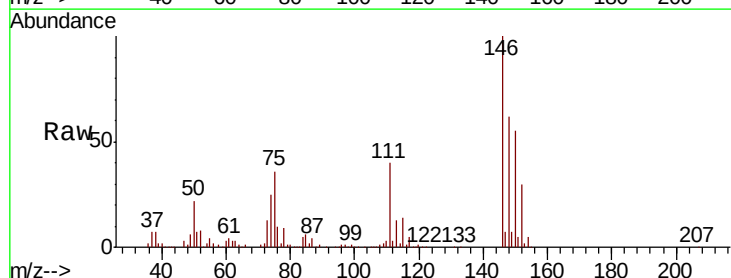
RT: 13.58 min Scan# 1915

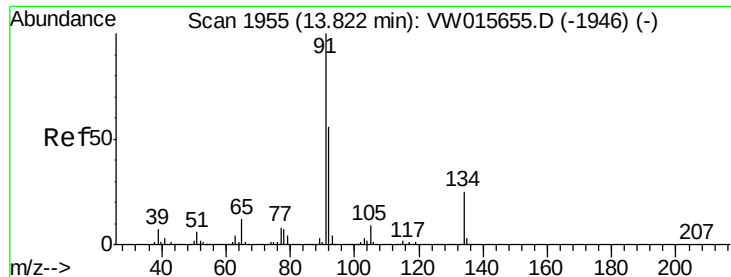
Delta R.T. 0.00 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	62.8	33.7	101.1





#89

n-Butylbenzene

Concen: 22.408 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Instrument :

MSVOA_W

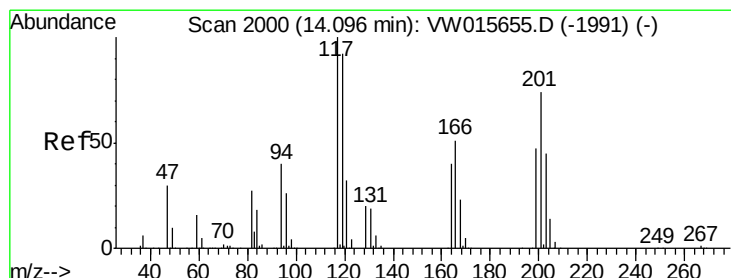
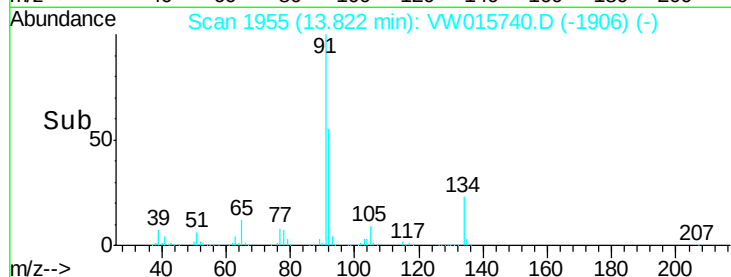
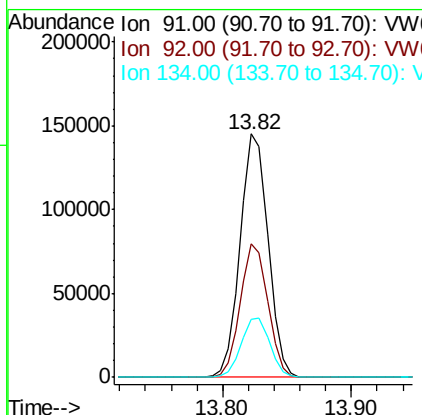
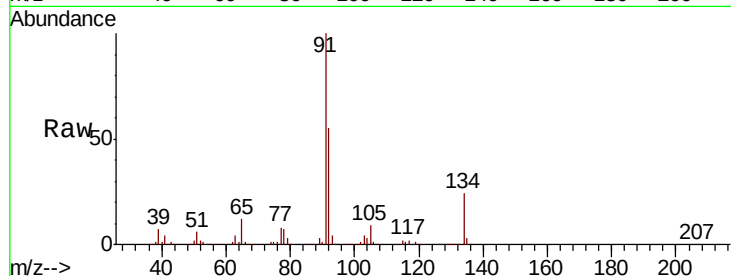
ClientSampleId :

VW0626SBS01

Tot Ion:	91	Resp:	218337
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.5	82.4
134	25.1	13.0	38.9

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#90

Hexachloroethane

Concen: 20.704 ug/l

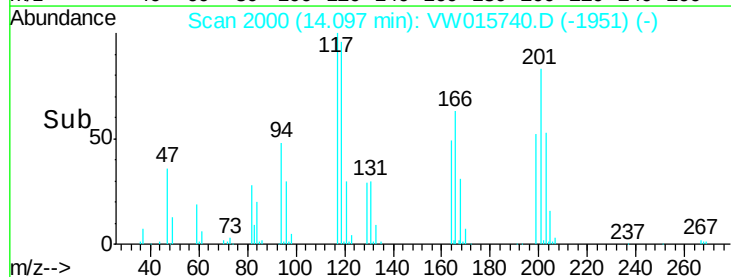
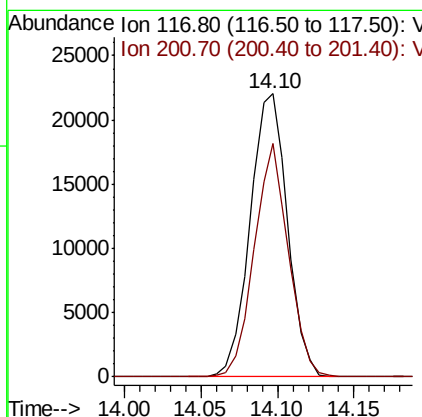
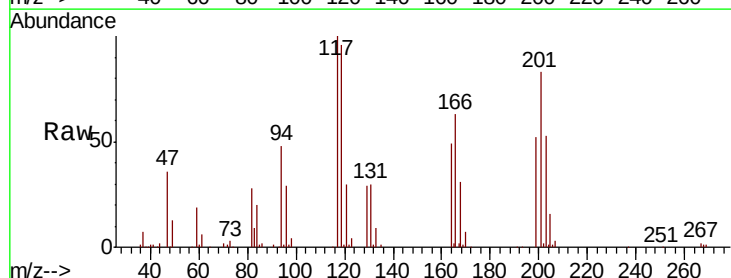
RT: 14.10 min Scan# 2000

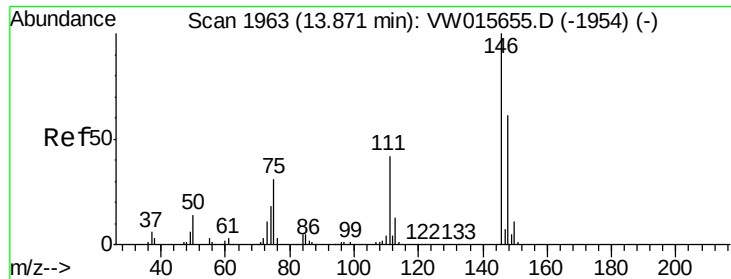
Delta R.T. 0.00 min

Lab File: VW015740.D

Acq: 26 Jun 2020 11:07

Tgt Ion:	117	Resp:	37398
Ion	Ratio	Lower	Upper
117	100		
201	75.3	37.1	111.5





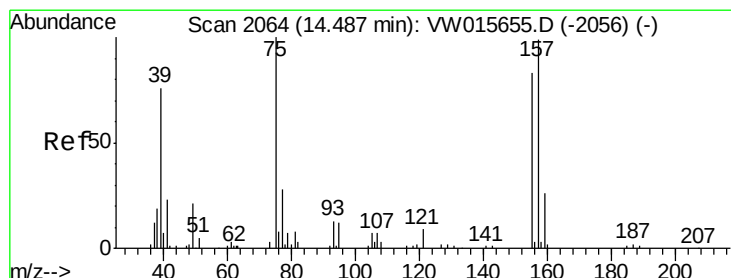
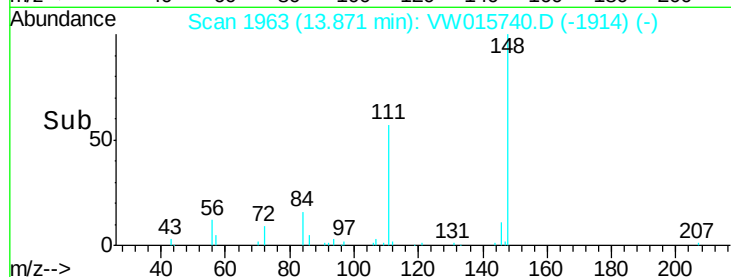
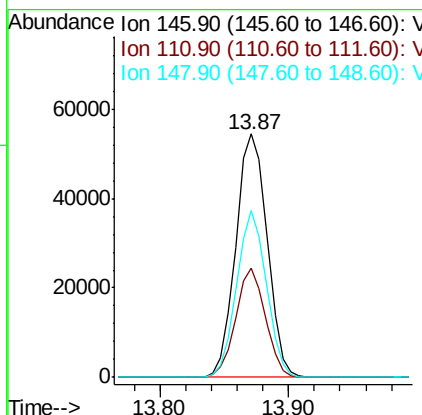
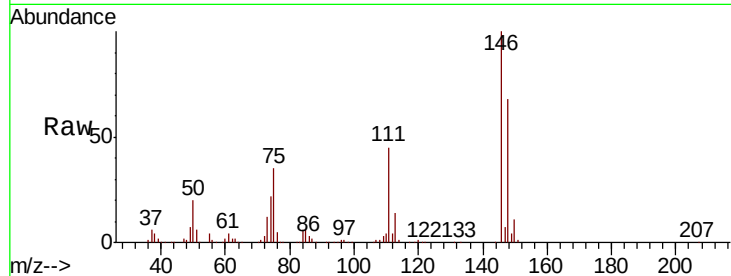
#91
 1,2-Dichlorobenzene
 Concen: 21.980 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	63.7
148	65.0	32.2	96.6

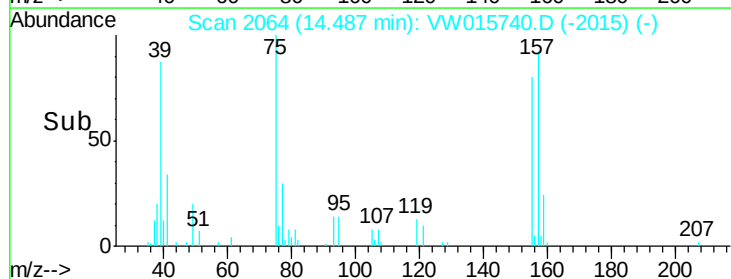
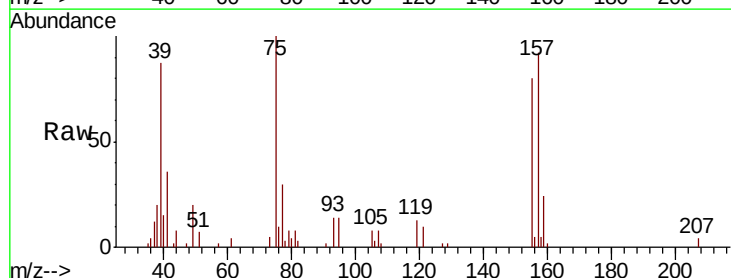
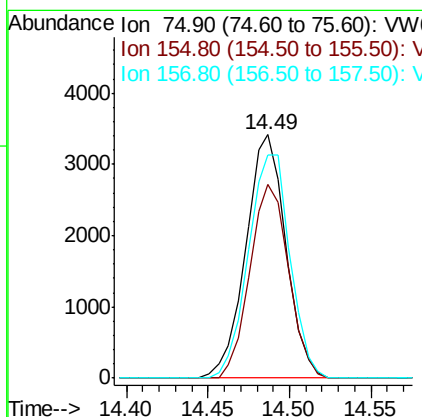
Manual Integrations
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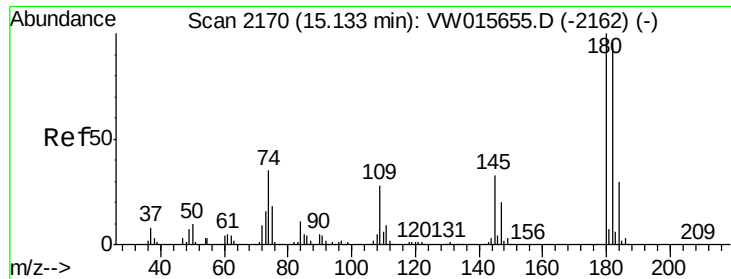
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.776 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015740.D
 Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.0	40.8	122.2
157	95.5	50.7	152.1





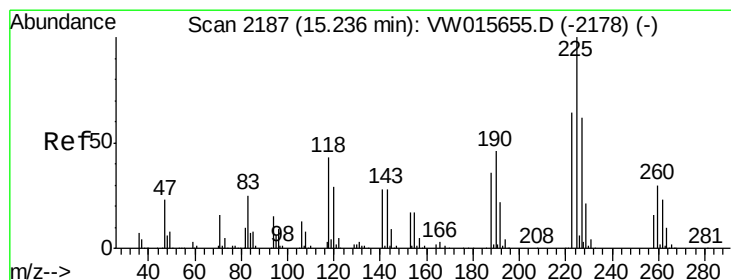
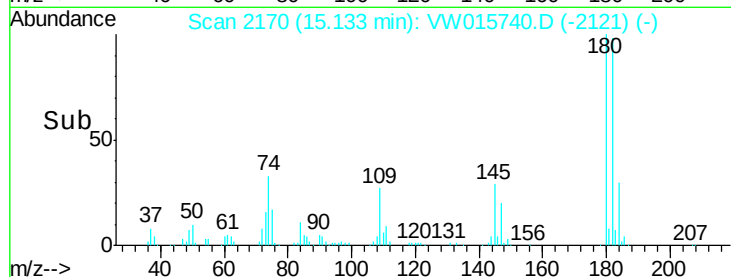
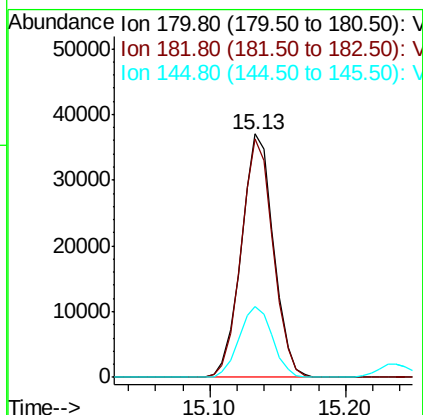
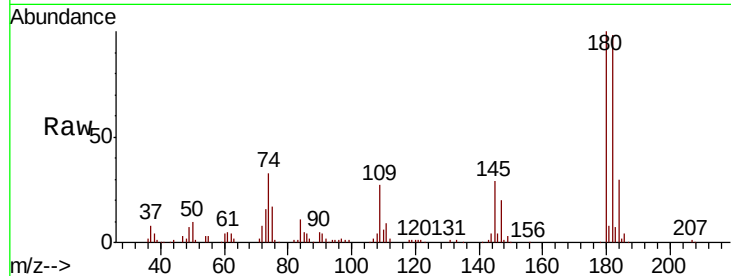
#93
1,2,4-Trichlorobenzene
Concen: 22.163 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.9	143.6
145	29.9	15.6	46.7

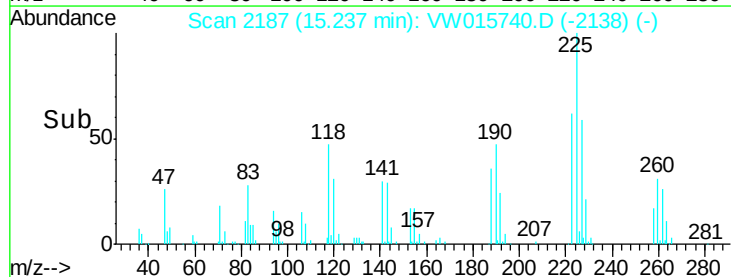
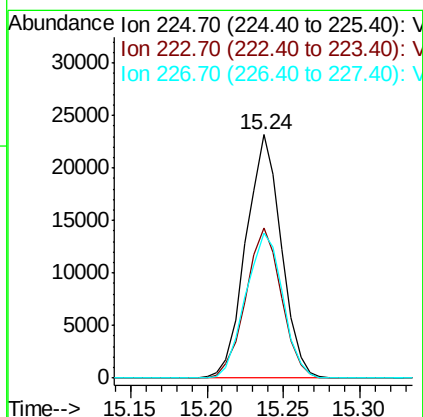
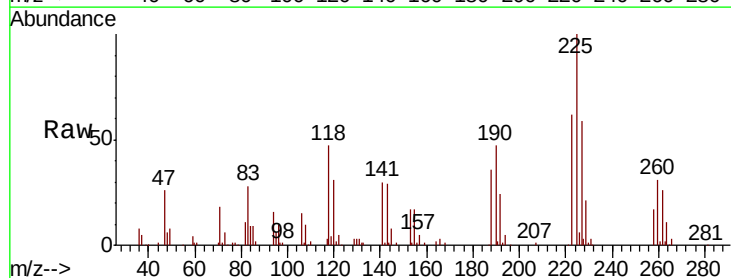
Manual Integrations
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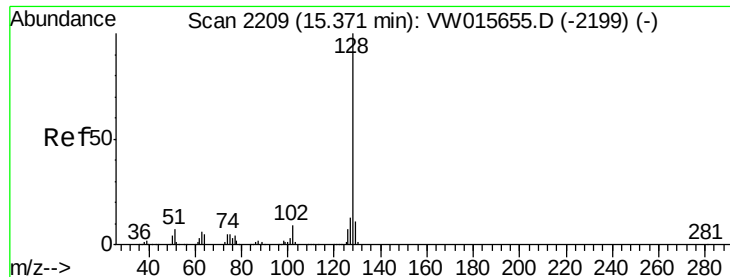
MMDadoda
6/29/2020 12:33:59 PM



#94
Hexachlorobutadiene
Concen: 21.181 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.0	93.0
227	62.5	31.9	95.9





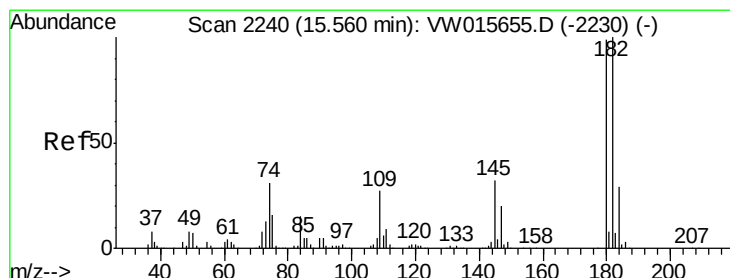
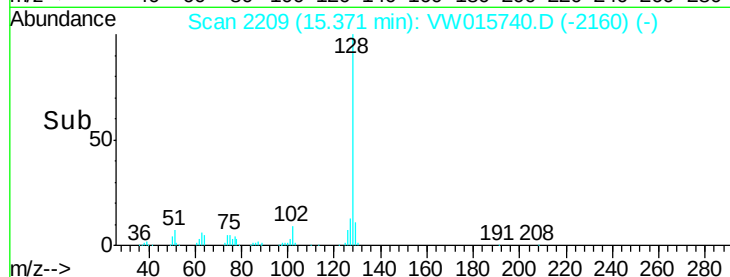
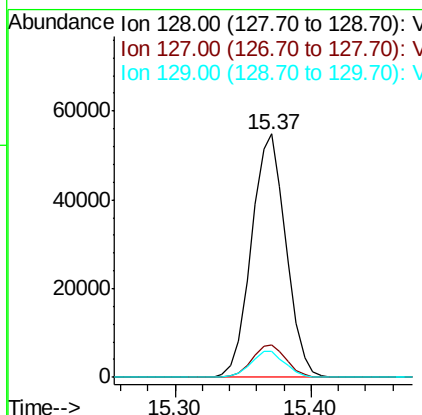
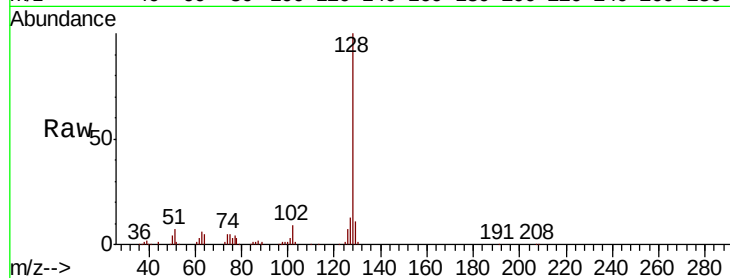
#95
Naphthalene
Concen: 21.326 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:33:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.554 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015740.D
Acq: 26 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	49.0	147.0
145	32.1	16.4	49.2

