

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016864.D
 Acq On : 09 Oct 2020 16:57
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 4:20:44 PM

Quant Time: Oct 12 14:43:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 05:14:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	384047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	559371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	497556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	255313	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	167358	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	7.88	113	179003	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	10.32	98	668076	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.62	95	239968	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	102766	55.107	ug/l	99
3) Chloromethane	2.22	50	117671	51.234	ug/l	95
4) Vinyl Chloride	2.37	62	167026	50.289	ug/l	100
5) Bromomethane	2.79	94	131173	51.424	ug/l	99
6) Chloroethane	2.93	64	110942	52.489	ug/l	98
7) Trichlorofluoromethane	3.26	101	129041	53.365	ug/l	94
8) Diethyl Ether	3.68	74	82097	54.358	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	168222	51.666	ug/l	99
10) Methyl Iodide	4.28	142	277481	53.308	ug/l	98
11) Tert butyl alcohol	5.21	59	44699	292.791	ug/l #	85
12) 1,1-Dichloroethene	4.05	96	168551	52.445	ug/l	98
13) Acrolein	3.90	56	56098	271.803	ug/l	97
14) Allyl chloride	4.67	41	206579	53.698	ug/l	100
15) Acrylonitrile	5.37	53	142407	283.265	ug/l	99
16) Acetone	4.14	43	132197	261.289	ug/l	96
17) Carbon Disulfide	4.39	76	446328	52.198	ug/l	99
18) Methyl Acetate	4.68	43	64540	55.617	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	195792	56.524	ug/l	98
20) Methylene Chloride	4.92	84	182512	55.134	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	189273	52.460	ug/l	97
22) Diisopropyl ether	6.31	45	378861	54.186	ug/l	95
23) Vinyl Acetate	6.26	43	1284310	286.664	ug/l	99
24) 1,1-Dichloroethane	6.22	63	293262	52.895	ug/l	99
25) 2-Butanone	7.18	43	191802	284.362	ug/l	98
26) 2,2-Dichloropropane	7.17	77	175627	51.776	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	203671	52.706	ug/l	99
28) Bromochloromethane	7.52	49	120934	54.501	ug/l #	2
29) Tetrahydrofuran	7.54	42	109382	289.520	ug/l	99
30) Chloroform	7.68	83	318183	52.791	ug/l	98
31) Cyclohexane	7.96	56	230236	48.686	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	270229	53.154	ug/l	100
36) 1,1-Dichloropropene	8.09	75	248686	51.432	ug/l	100
37) Ethyl Acetate	7.26	43	88197	55.824	ug/l	99
38) Carbon Tetrachloride	8.07	117	264649	52.636	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	292622	53.064	ug/l	98
40) Benzene	8.33	78	698272	51.824	ug/l	98
41) Methacrylonitrile	7.49	41	55442	59.219	ug/l	92
42) 1,2-Dichloroethane	8.40	62	198220	53.783	ug/l	99
43) Isopropyl Acetate	8.43	43	174252	57.573	ug/l	99
44) Trichloroethene	9.09	130	216194	51.840	ug/l	100
45) 1,2-Dichloropropane	9.37	63	161332	52.506	ug/l	100
46) Dibromomethane	9.46	93	95089	54.106	ug/l	98
47) Bromodichloromethane	9.65	83	237138	54.267	ug/l	98
48) Methyl methacrylate	9.44	41	81511	58.442	ug/l	97
49) 1,4-Dioxane	9.47	88	23152	1145.271	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	433341	283.015	ug/l	100
52) Toluene	10.39	92	465666	52.282	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	226781	57.007	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	264795	54.495	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	132824	53.096	ug/l	98
56) Ethyl methacrylate	10.65	69	157999	58.059	ug/l	100
57) 1,3-Dichloropropane	10.93	76	223056	53.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	413489	274.191	ug/l	99
59) 2-Hexanone	10.97	43	294376	290.576	ug/l	98
60) Dibromochloromethane	11.13	129	167703	54.657	ug/l	99
61) 1,2-Dibromoethane	11.24	107	135126	54.544	ug/l	100
64) Tetrachloroethene	10.87	164	178357	50.314	ug/l	93
65) Chlorobenzene	11.66	112	516866	52.961	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	189975	55.044	ug/l	98
67) Ethyl Benzene	11.73	91	912091	53.633	ug/l	99
68) m/p-Xylenes	11.84	106	712061	107.658	ug/l	98
69) o-Xylene	12.17	106	333447	54.937	ug/l	99
70) Styrene	12.18	104	563808	55.813	ug/l	100
71) Bromoform	12.35	173	100555	58.034	ug/l #	98
73) Isopropylbenzene	12.46	105	921120	54.280	ug/l	100
74) N-amyl acetate	12.27	43	161709	59.326	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	147737	55.486	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	102588m	53.850	ug/l	
77) Bromobenzene	12.75	156	222149	52.958	ug/l	97
78) n-propylbenzene	12.80	91	1058068	54.065	ug/l	100
79) 2-Chlorotoluene	12.90	91	603034	54.016	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	779400	54.804	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42562	60.052	ug/l	99
82) 4-Chlorotoluene	12.99	91	626460	54.357	ug/l	99
83) tert-Butylbenzene	13.21	119	678615	54.941	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	776758	54.814	ug/l	100
85) sec-Butylbenzene	13.38	105	929860	54.084	ug/l	99
86) p-Isopropyltoluene	13.50	119	888325	55.487	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	438108	54.008	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	424031	53.045	ug/l	100
89) n-Butylbenzene	13.82	91	788280	54.656	ug/l	98
90) Hexachloroethane	14.10	117	138444	56.043	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	393819	56.268	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23756	58.261	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	281694	58.331	ug/l	100
94) Hexachlorobutadiene	15.24	225	167240	53.422	ug/l	98
95) Naphthalene	15.37	128	488516	62.242	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	244931	58.300	ug/l	98

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

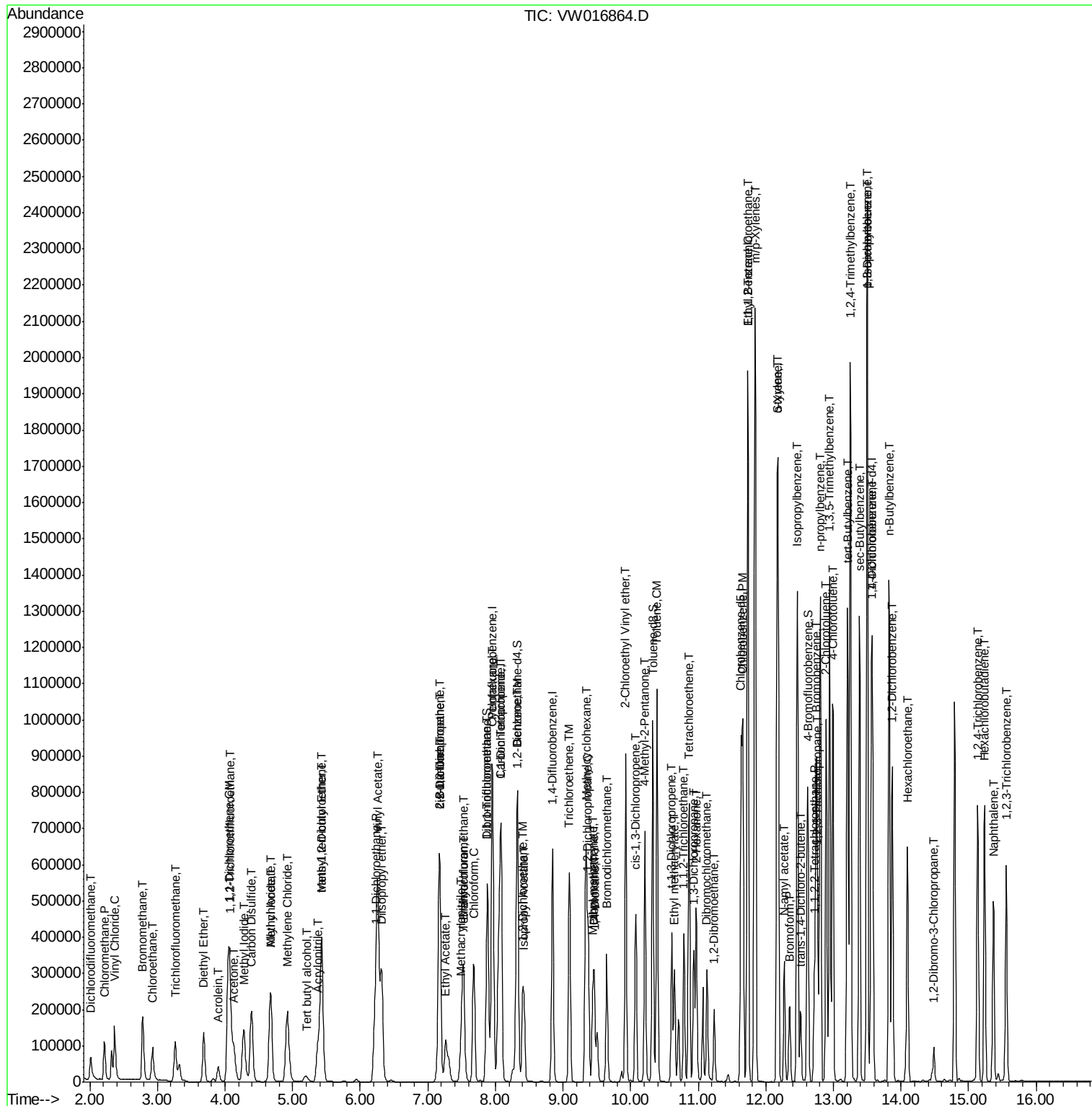
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101020\
Data File : VW016864.D
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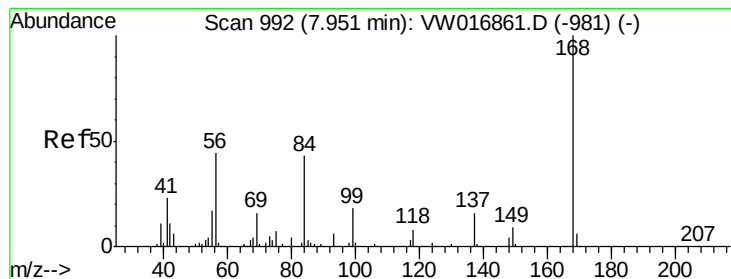
Instrument :
MSVOA_W
ClientSampleId :
ICVWV101020

Manual Integrations
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

ICVWV101020

Tot Ion:168 Resp: 384047

Ion Ratio Lower Upper

168 100

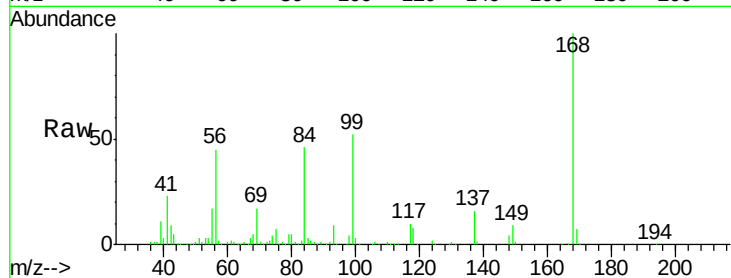
99 49.0 40.7 61.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

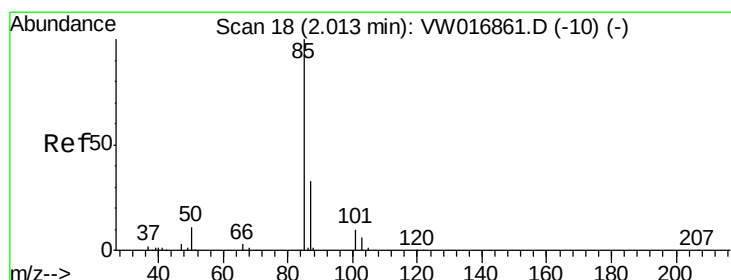
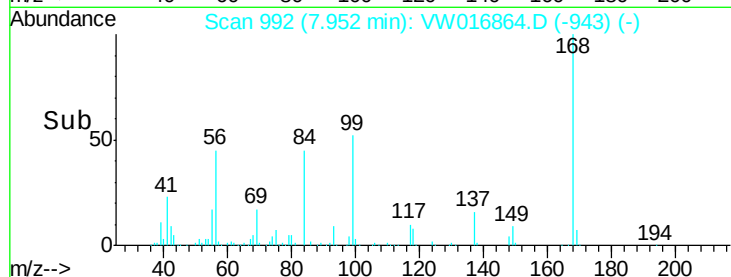
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 55.107 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW016864.D

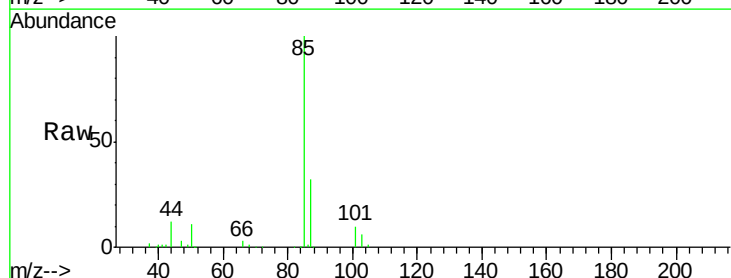
Acq: 09 Oct 2020 16:57

Tgt Ion: 85 Resp: 102766

Ion Ratio Lower Upper

85 100

87 33.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

40000

30000

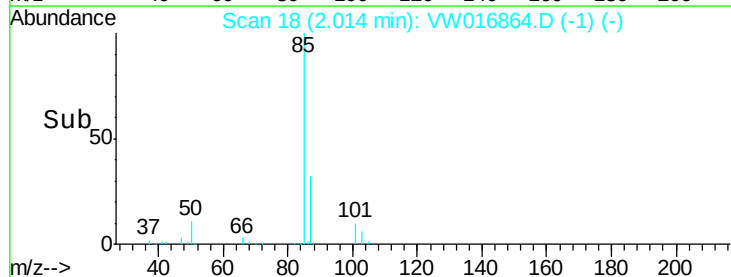
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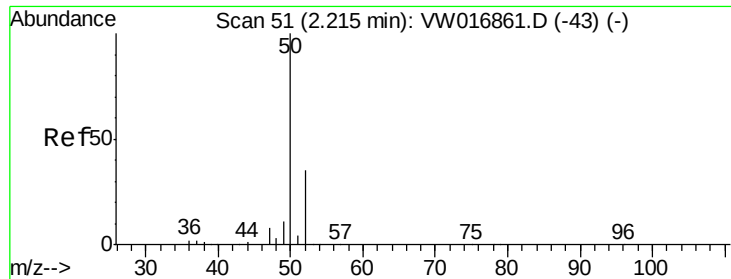
10000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 51.234 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

ICVWV101020

Tot Ion: 50 Resp: 117671

Ion Ratio Lower Upper

50 100

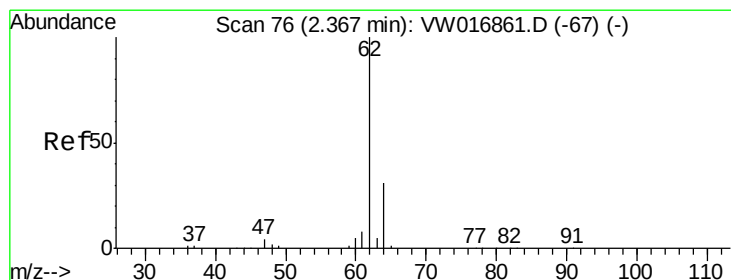
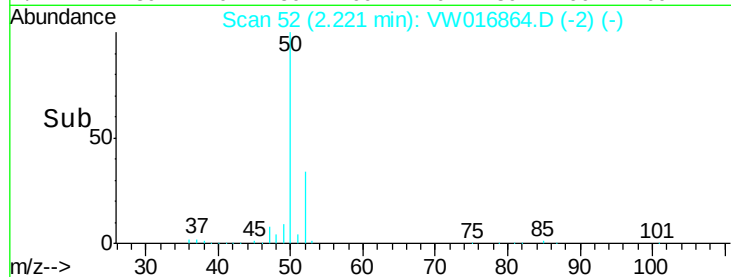
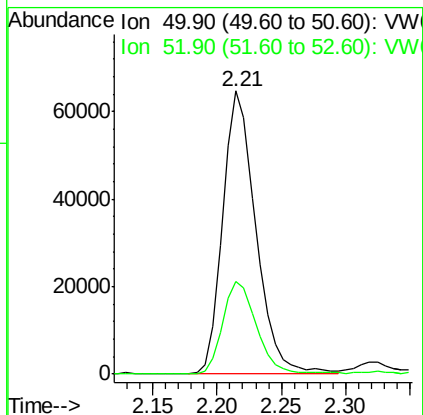
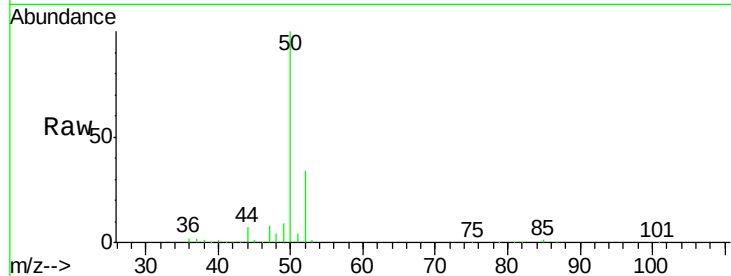
52 31.7 27.6 41.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.289 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016864.D

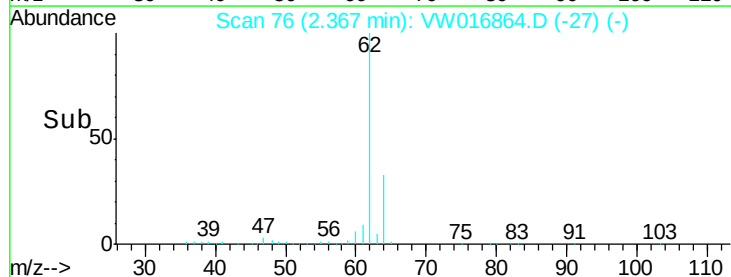
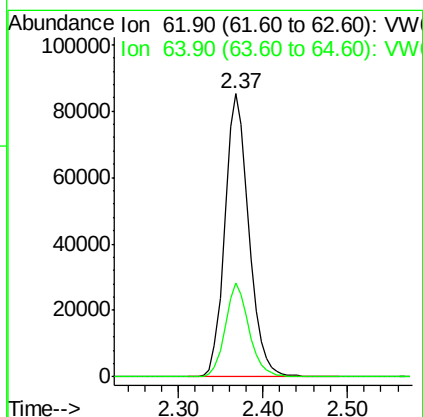
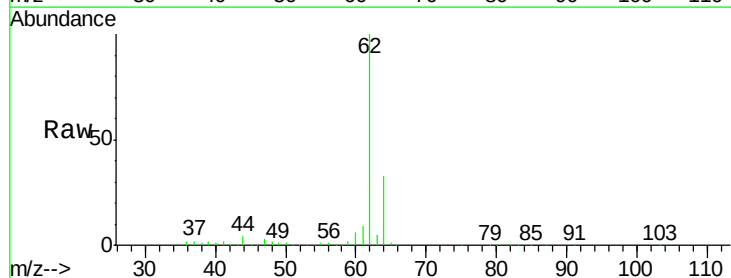
Acq: 09 Oct 2020 16:57

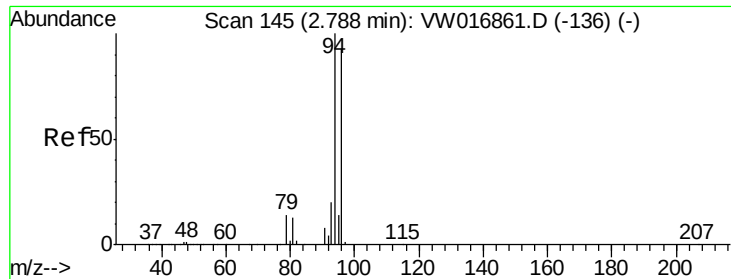
Tgt Ion: 62 Resp: 167026

Ion Ratio Lower Upper

62 100

64 31.1 25.0 37.4





#5

Bromomethane

Concen: 51.424 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

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ClientSampleId :

ICVWV101020

Tot Ion: 94 Resp: 131173

Ion Ratio Lower Upper

94 100

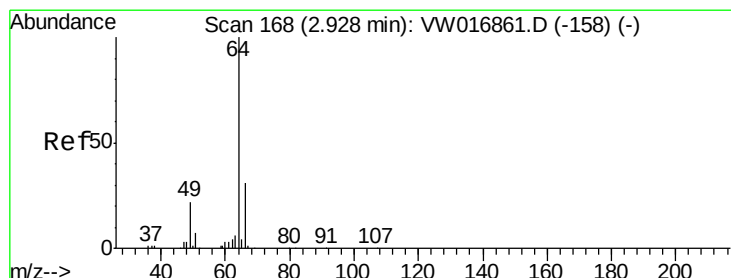
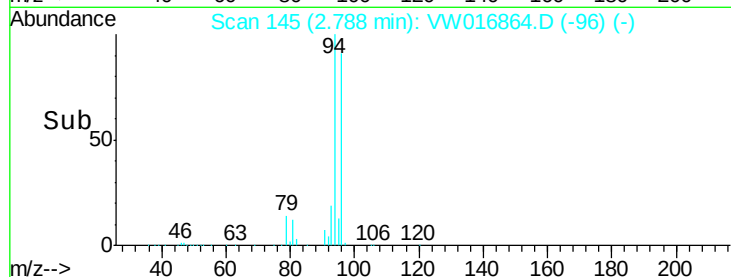
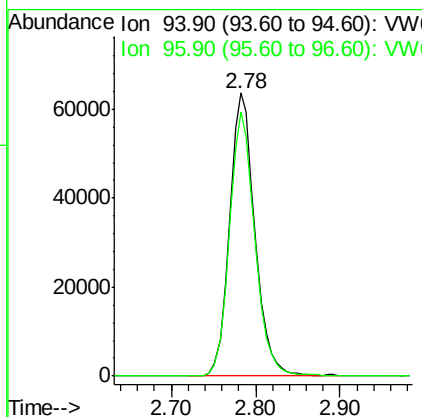
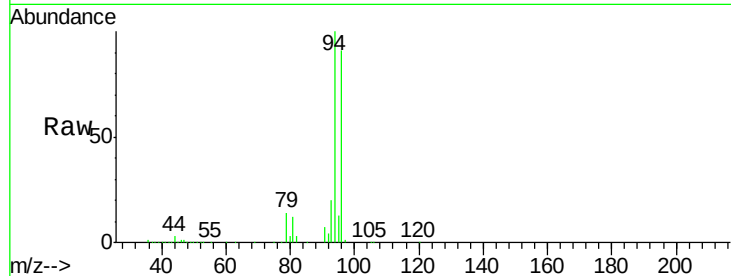
96 92.9 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 52.489 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016864.D

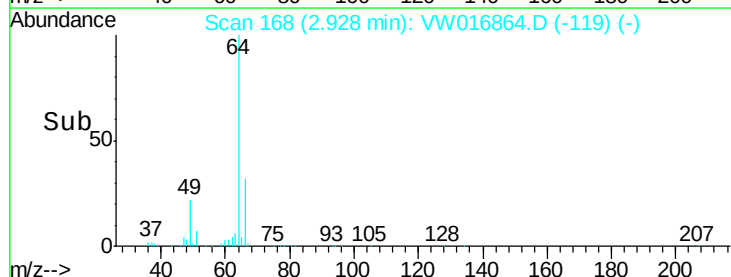
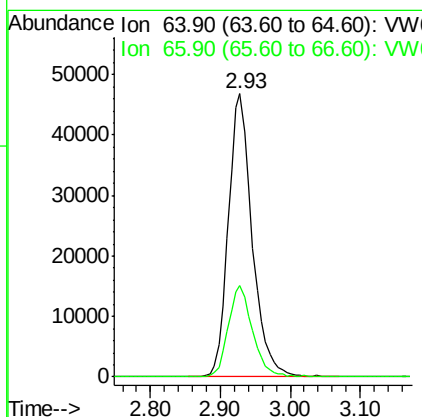
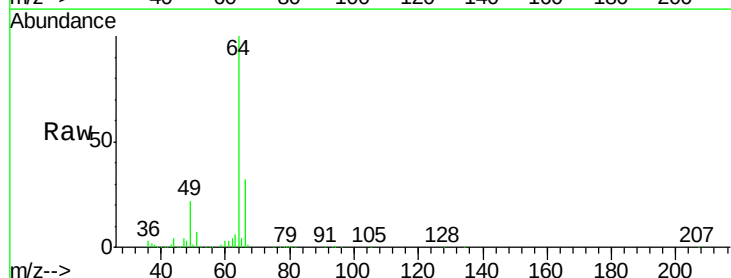
Acq: 09 Oct 2020 16:57

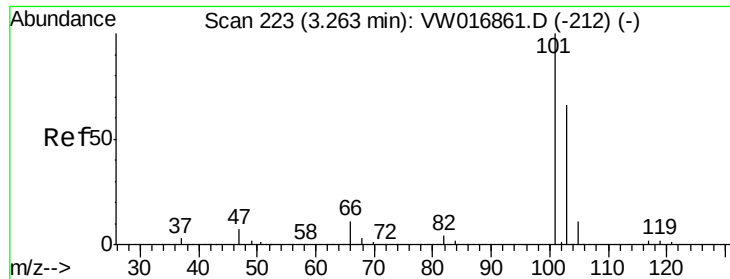
Tgt Ion: 64 Resp: 110942

Ion Ratio Lower Upper

64 100

66 32.5 25.0 37.6





#7

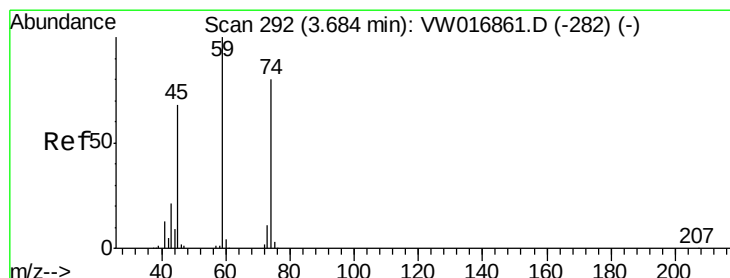
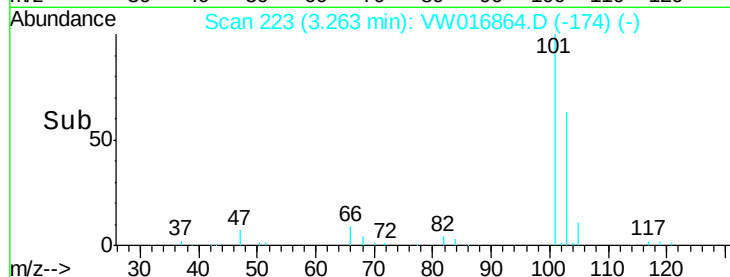
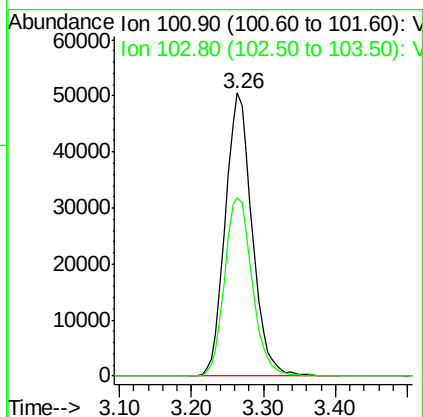
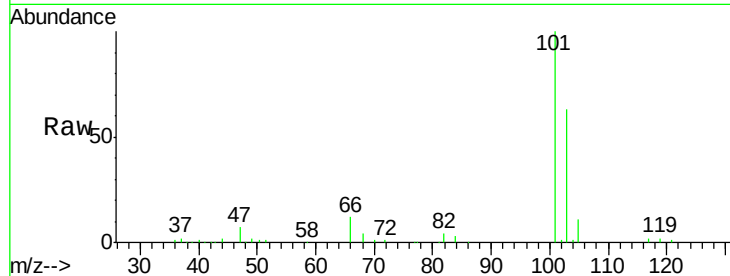
Trichlorofluoromethane
 Concen: 53.365 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.3	52.6	79.0

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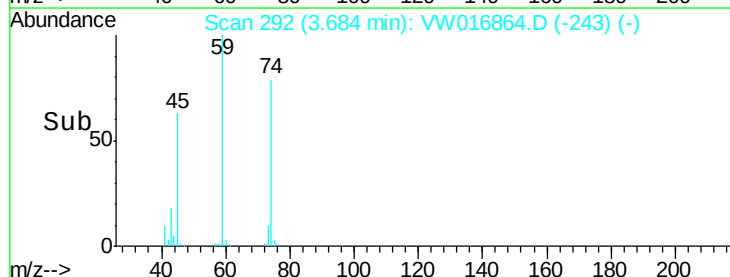
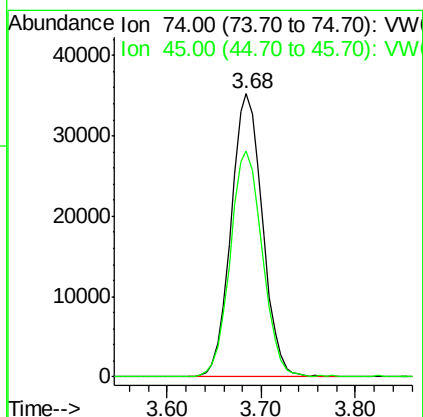
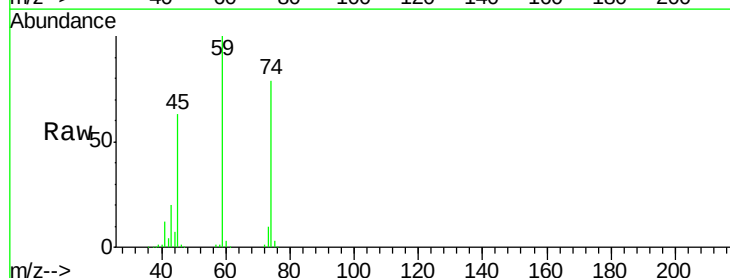
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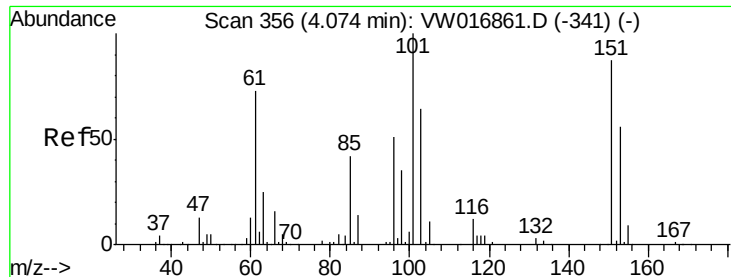


#8

Diethyl Ether
 Concen: 54.358 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	81.9	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.666 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW016864.D

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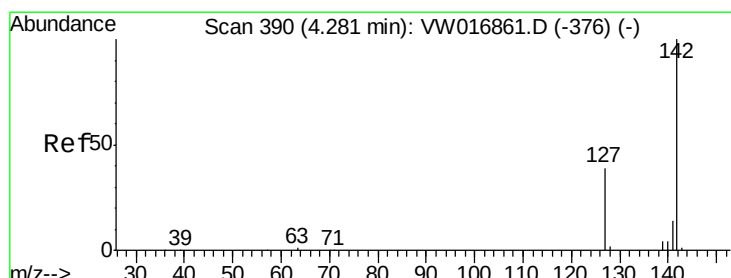
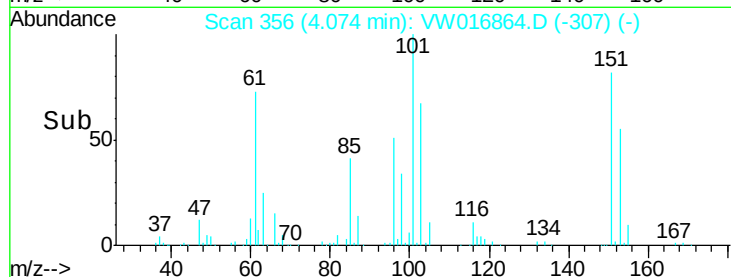
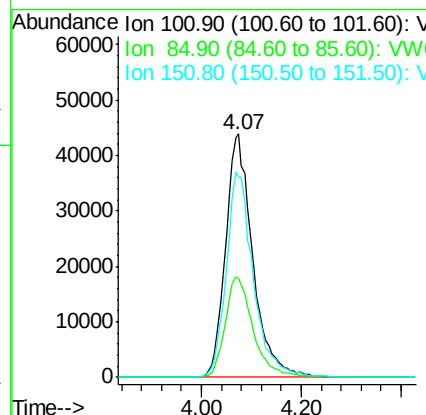
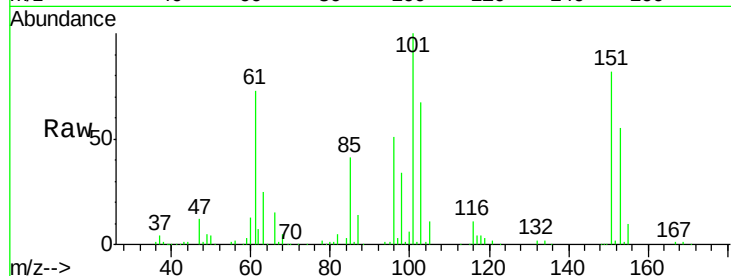
ClientSampleId :

ICVW0101020

Tot Ion:	101	Resp:	168222
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.2	49.8
151	82.2	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 53.308 ug/l

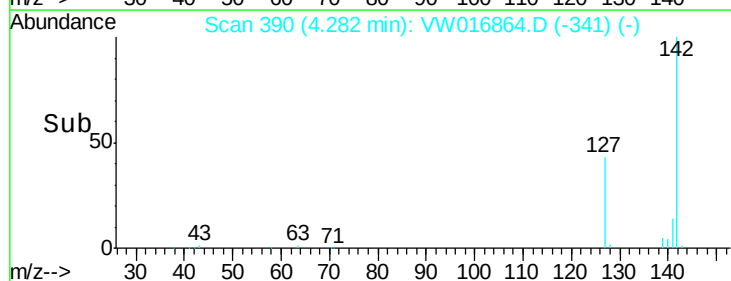
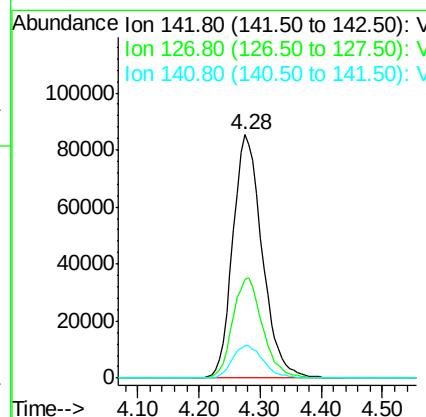
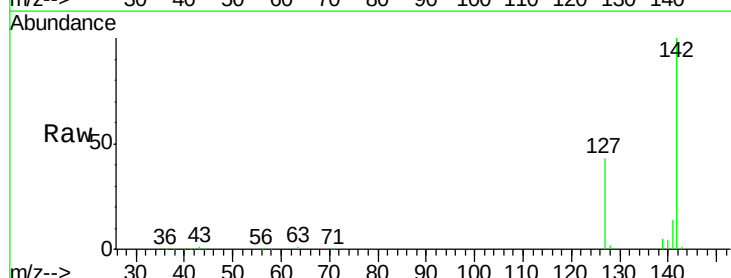
RT: 4.28 min Scan# 390

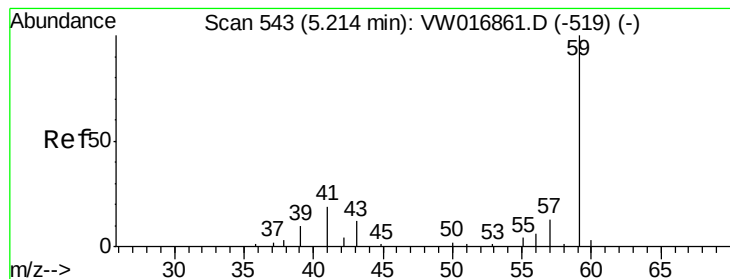
Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Tgt Ion:	142	Resp:	277481
Ion Ratio	Lower	Upper	
142	100		
127	41.9	32.4	48.6
141	14.4	11.4	17.0





#11

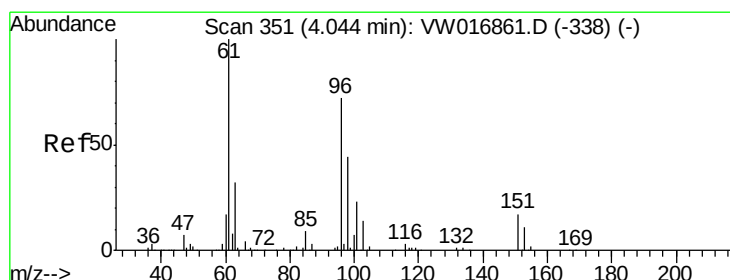
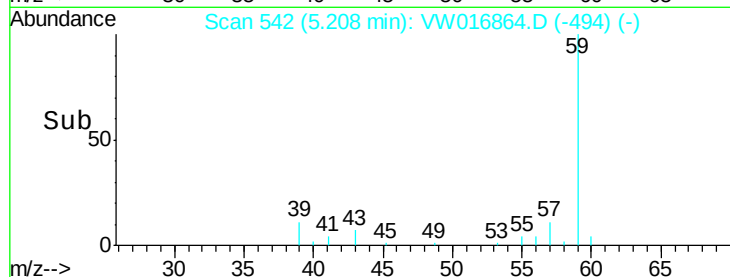
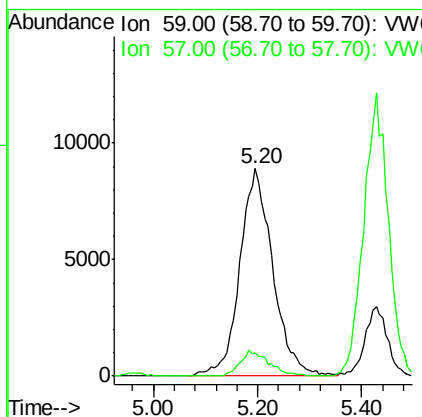
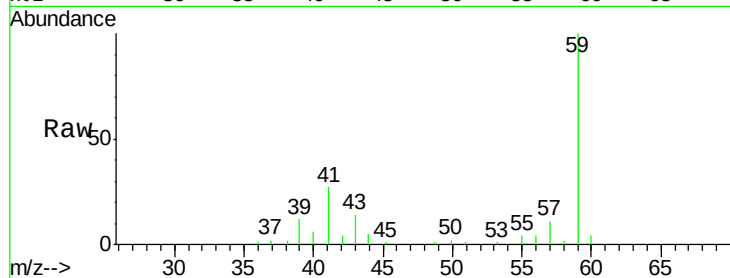
Tert butyl alcohol
 Concen: 292.791 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW101020

Tot Ion	59	Resp	44699
Ion Ratio	100	Lower	Upper
57	11.0	4.7	7.1#

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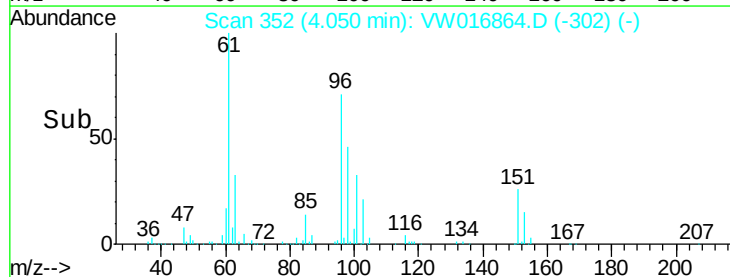
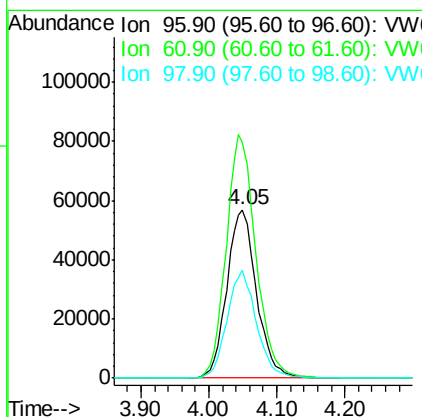
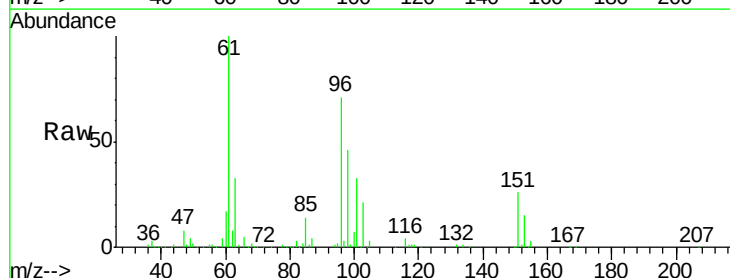
MMDadoda
 10/12/2020 4:20:44 PM

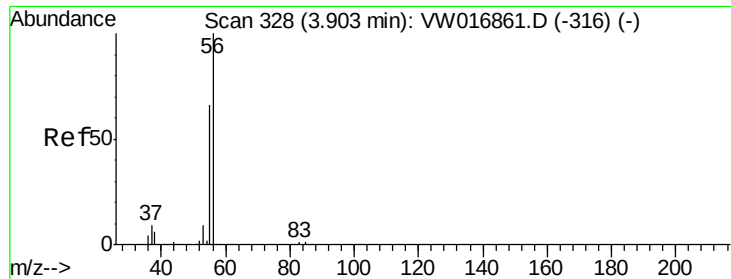


#12

1,1-Dichloroethene
 Concen: 52.445 ug/l
 RT: 4.05 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Tgt Ion	96	Resp	168551
Ion Ratio	100	Lower	Upper
61	142.2	111.7	167.5
98	59.8	49.0	73.4





#13

Acrolein

Concen: 271.803 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

ICVW0101020

Tot Ion: 56 Resp: 56098

Ion Ratio Lower Upper

56 100

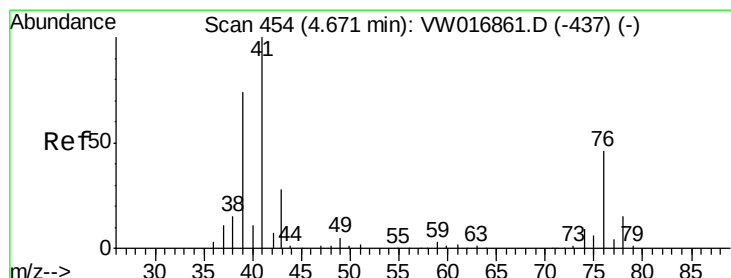
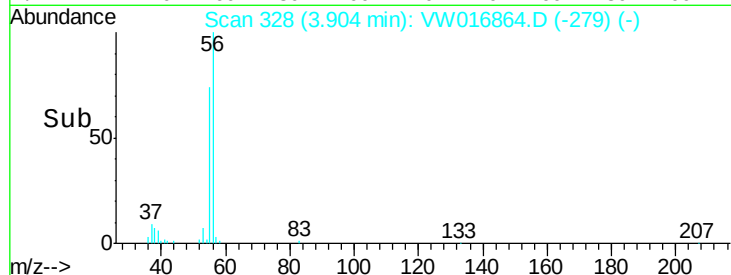
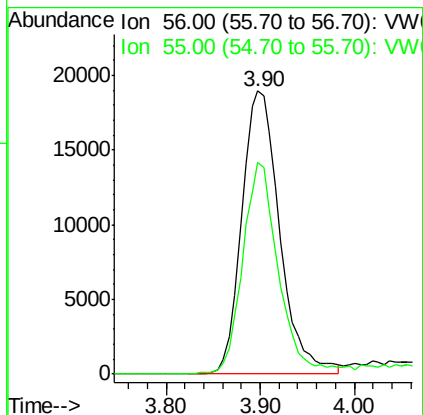
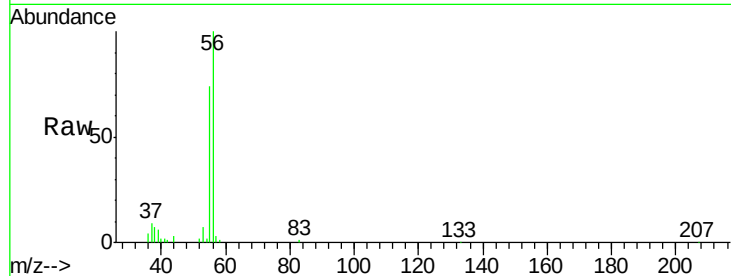
55 72.4 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 53.698 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

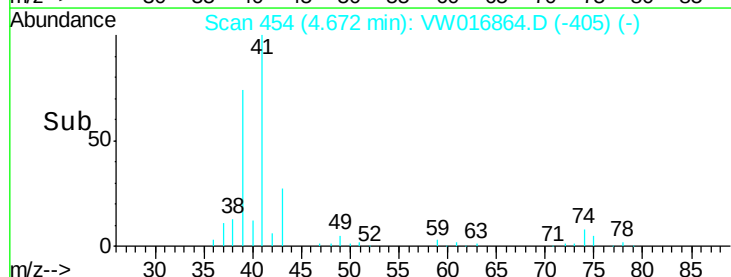
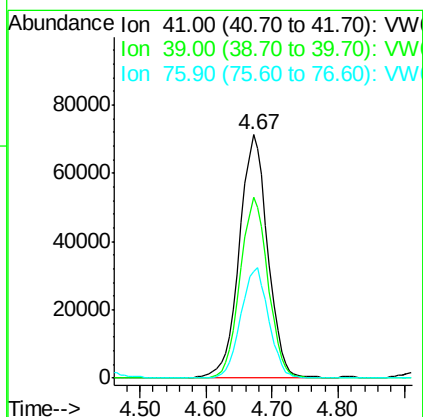
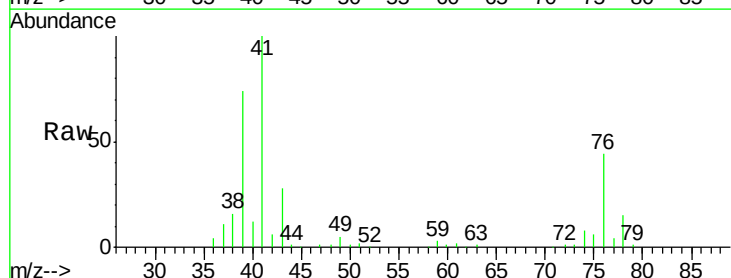
Tgt Ion: 41 Resp: 206579

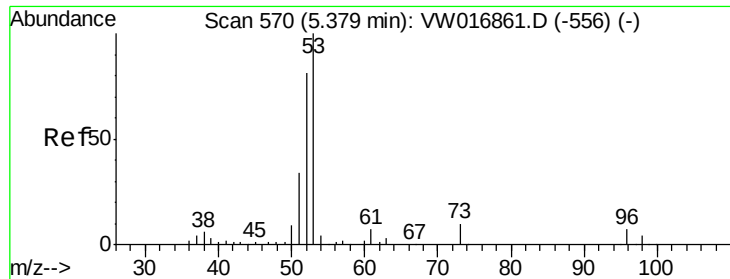
Ion Ratio Lower Upper

41 100

39 72.4 57.8 86.8

76 44.0 35.1 52.7





#15

Acrylonitrile

Concen: 283.265 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

MSVOA_W

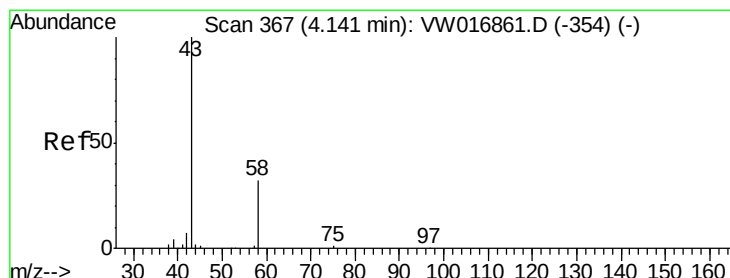
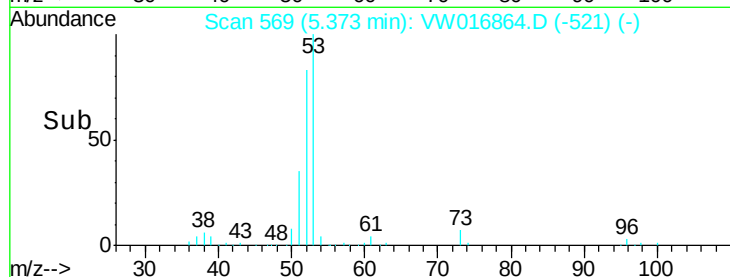
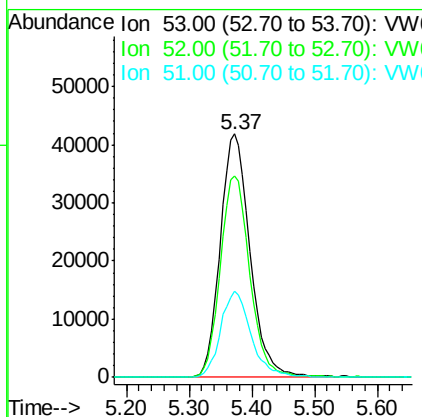
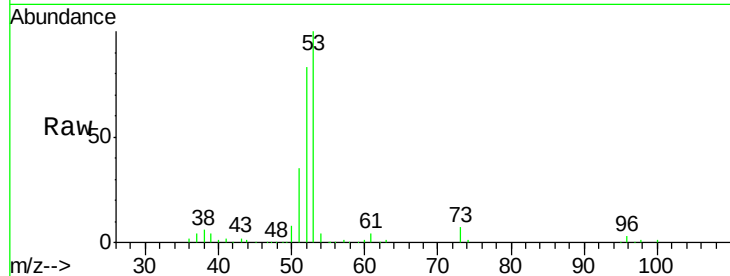
ClientSampleId :

ICVW101020

Tot Ion:	53	Resp:	142407
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.0	97.4
51	36.7	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 261.289 ug/l

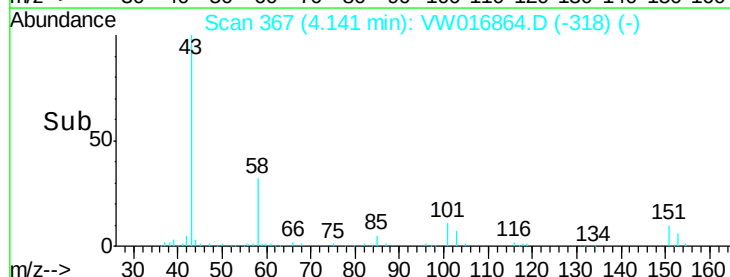
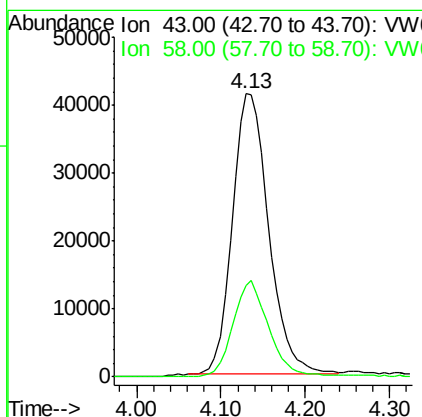
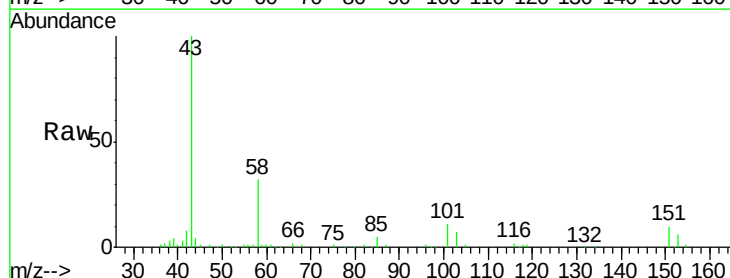
RT: 4.14 min Scan# 367

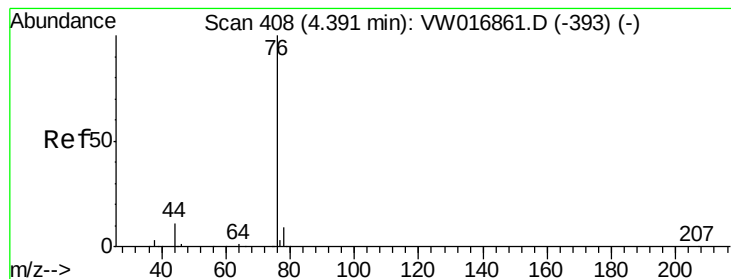
Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Tgt Ion:	43	Resp:	132197
Ion	Ratio	Lower	Upper
43	100		
58	34.1	25.7	38.5





#17

Carbon Disulfide

Concen: 52.198 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

ICVW101020

Tot Ion: 76 Resp: 446328

Ion Ratio Lower Upper

76 100

78 9.1

7.4

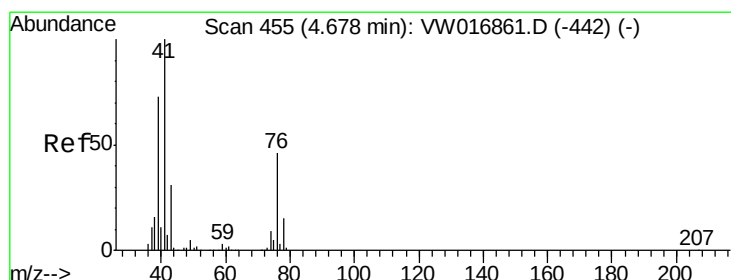
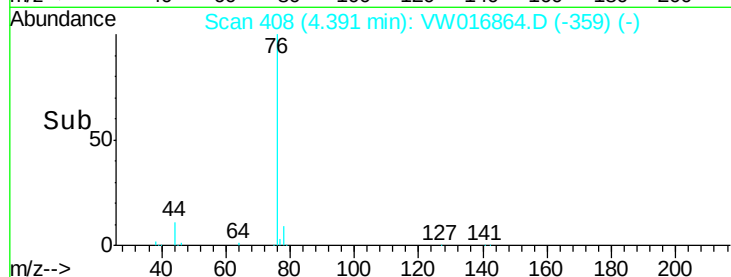
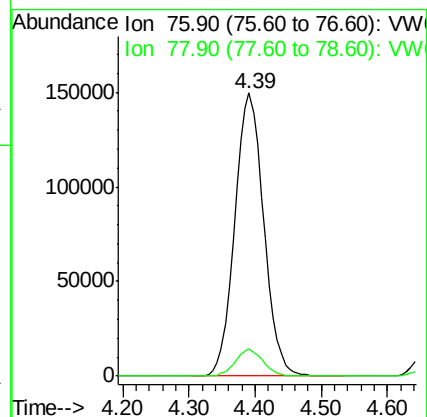
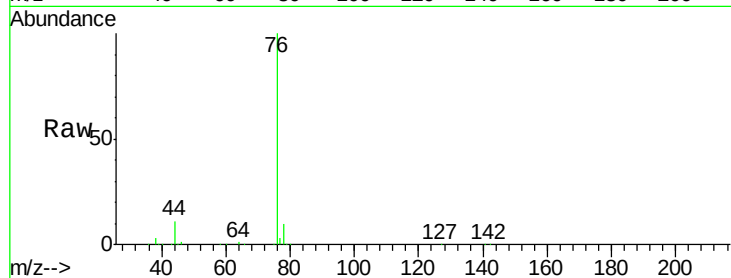
11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 55.617 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Tgt Ion: 43 Resp: 64540

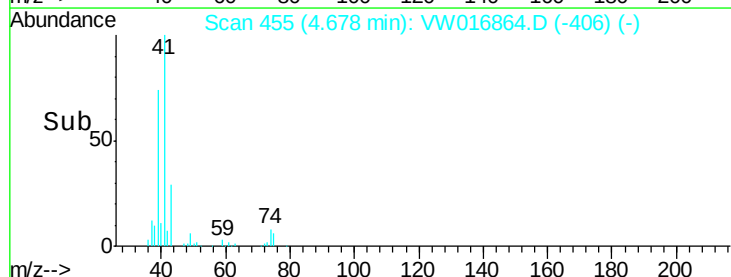
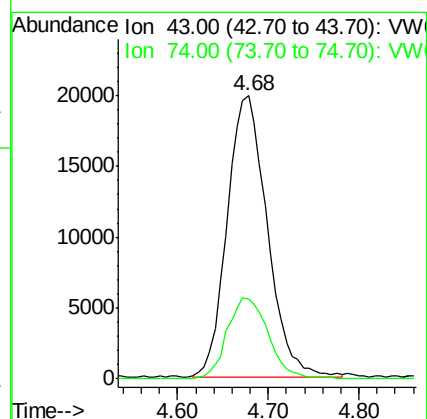
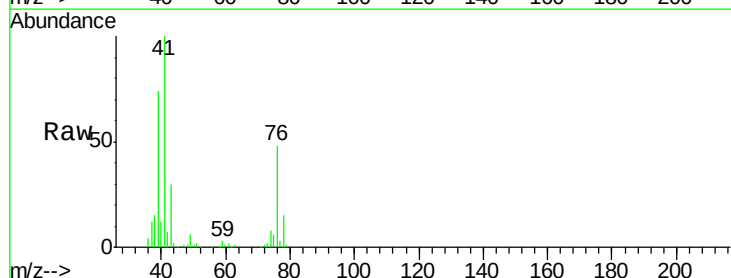
Ion Ratio Lower Upper

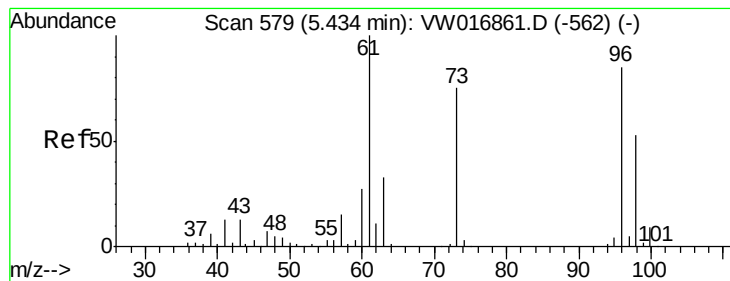
43 100

74 28.9

23.8

35.6





#19

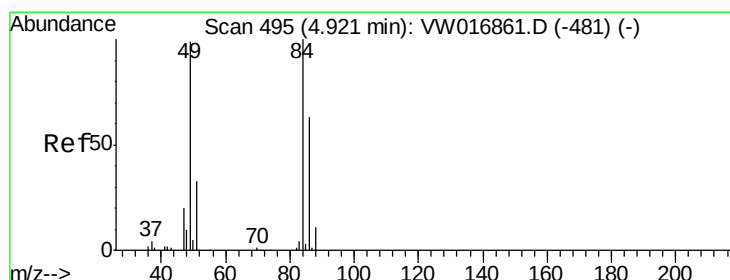
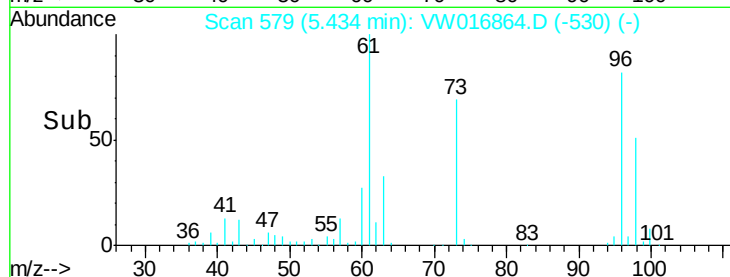
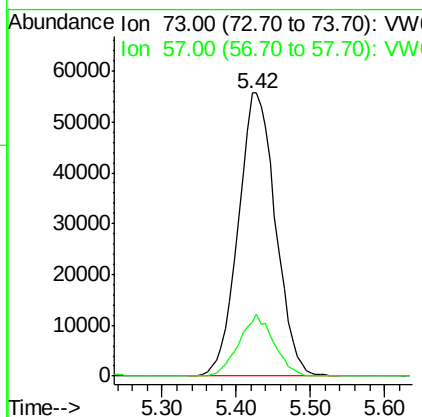
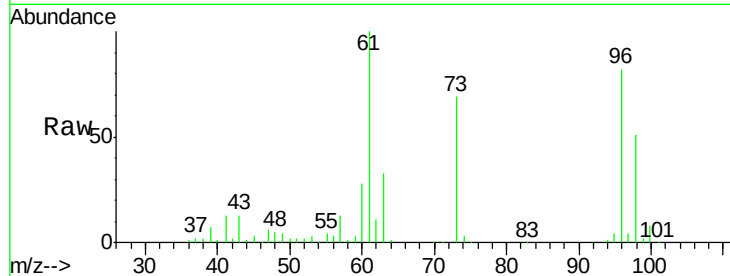
Methyl tert-butyl Ether
 Concen: 56.524 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.2	16.1	24.1

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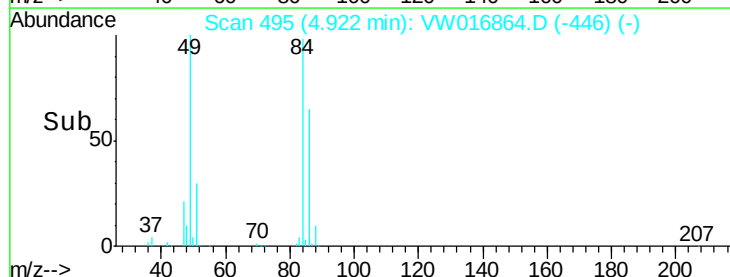
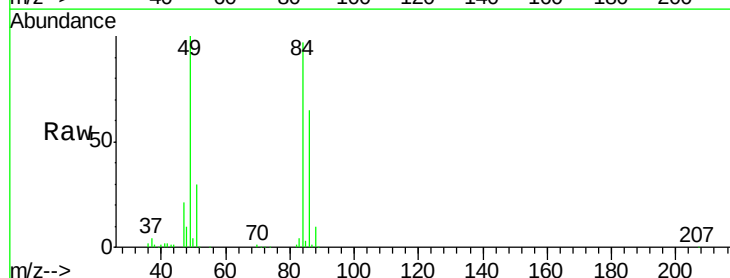
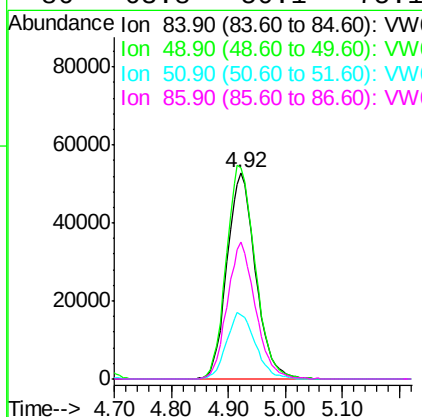
MMDadoda
 10/12/2020 4:20:44 PM

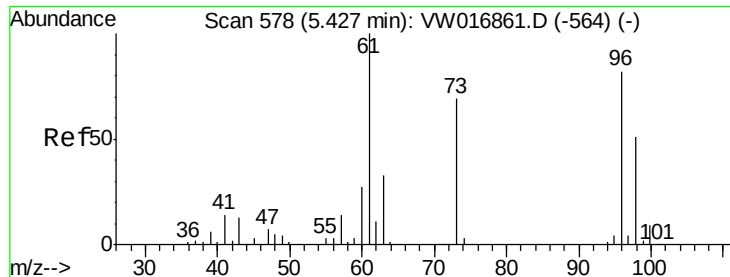


#20

Methylene Chloride
 Concen: 55.134 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.6	79.0	118.6
51	33.8	26.1	39.1
86	63.8	50.1	75.1





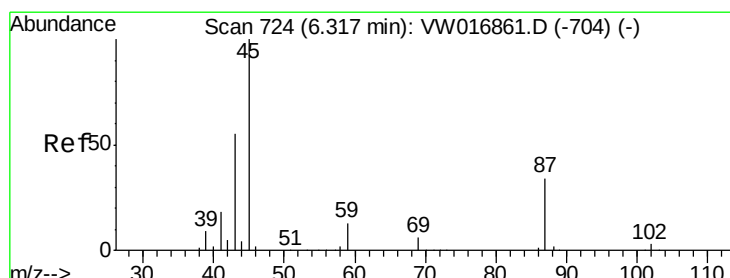
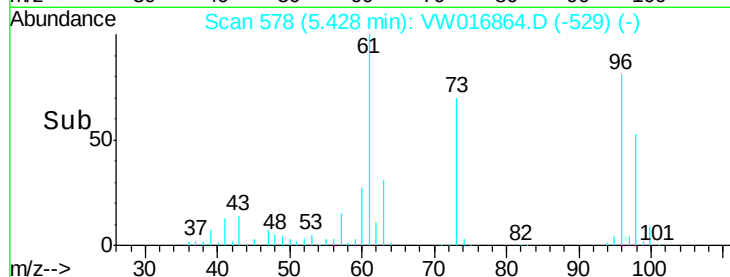
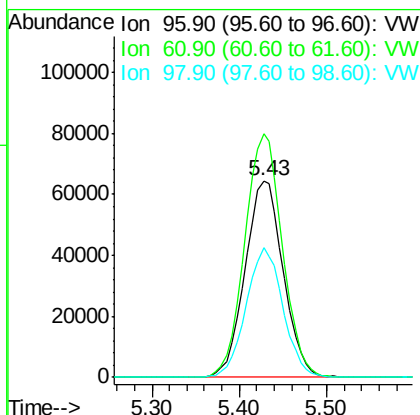
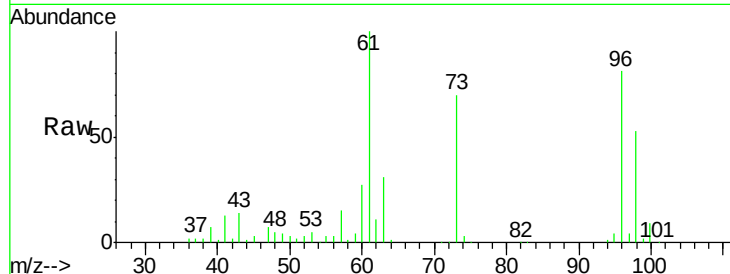
#21
trans-1,2-Dichloroethene
Concen: 52.460 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVWV101020

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.1	97.4	146.0
98	63.7	49.4	74.0

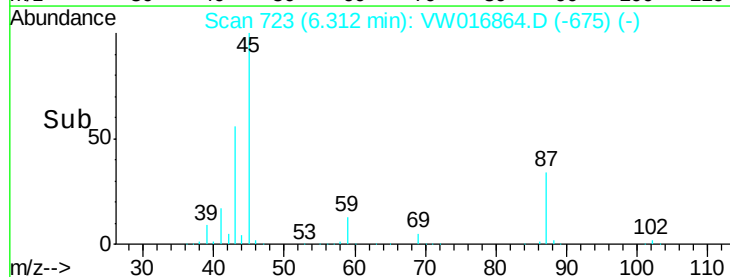
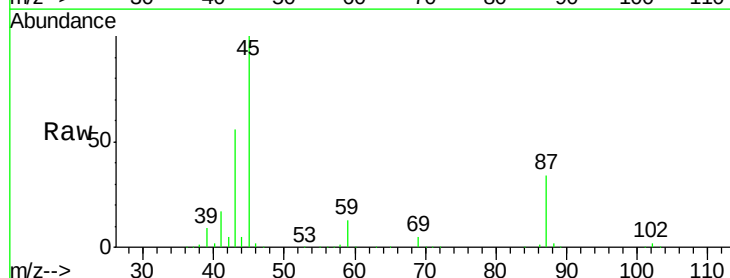
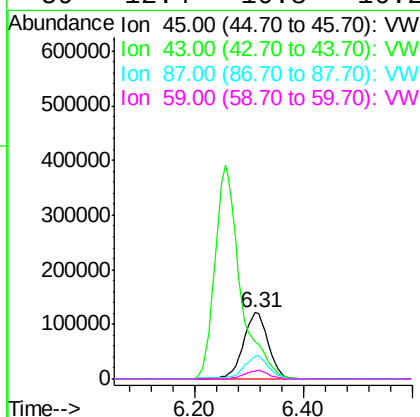
Manual Integrations
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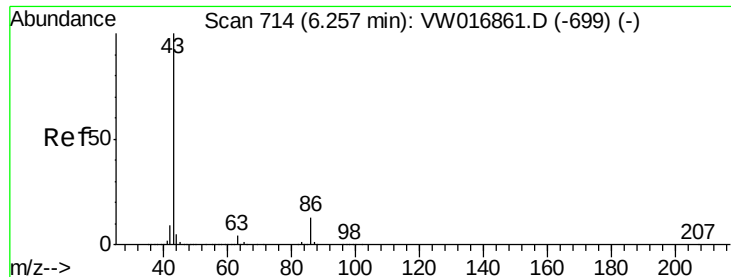
MMDadoda
10/12/2020 4:20:44 PM



#22
Diisopropyl ether
Concen: 54.186 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.1	43.8	65.8
87	33.5	27.6	41.4
59	12.4	10.8	16.2





#23

Vinyl Acetate

Concen: 286.664 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

ICVW101020

Tot Ion: 43 Resp: 1284310

Ion Ratio Lower Upper

43 100

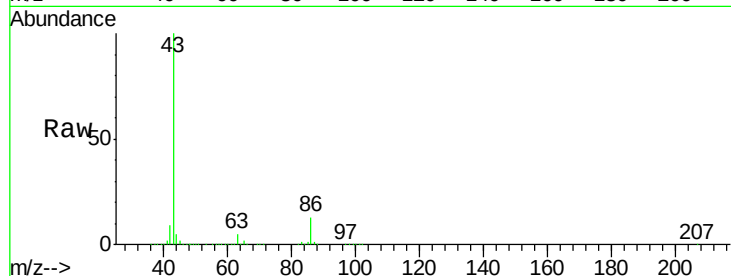
86 13.4 10.2 15.4

Manual Integrations

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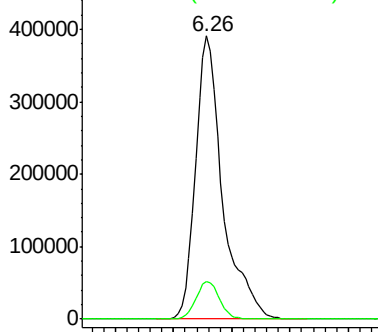
MMDadoda

10/12/2020 4:20:44 PM

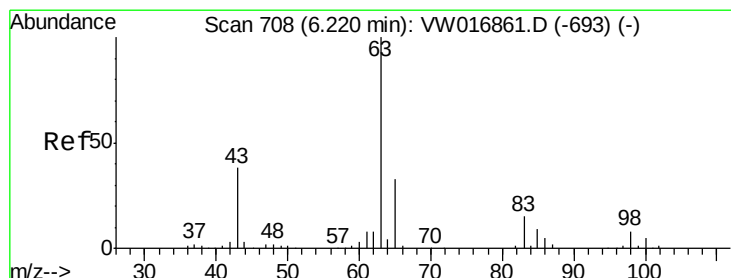
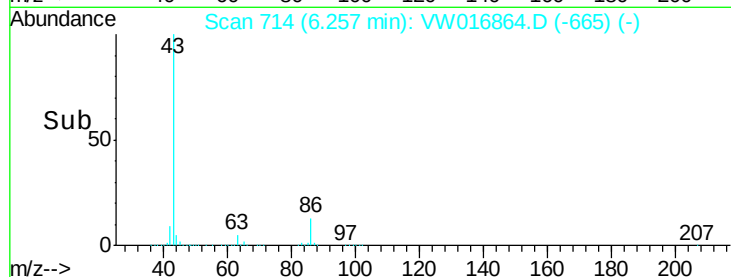


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 52.895 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

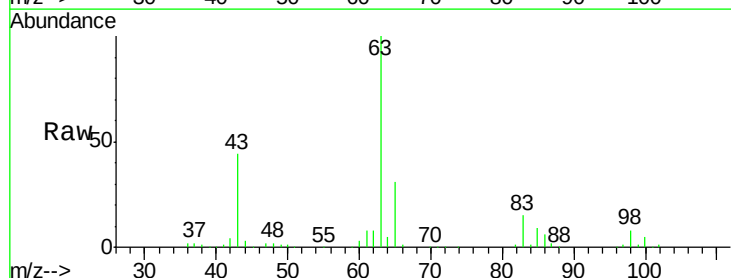
Tgt Ion: 63 Resp: 293262

Ion Ratio Lower Upper

63 100

98 8.1 4.2 12.6

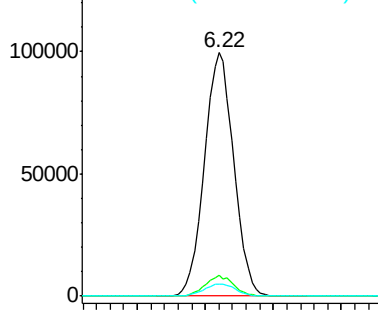
100 4.9 2.6 7.8



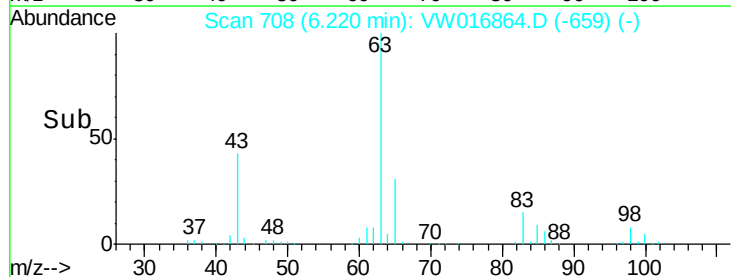
Abundance Ion 62.90 (62.60 to 63.60): VW

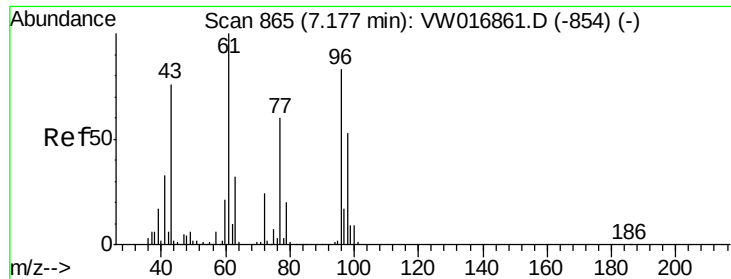
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 284.362 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

ICVWV101020

Tot Ion: 43 Resp: 191802

Ion Ratio Lower Upper

43 100

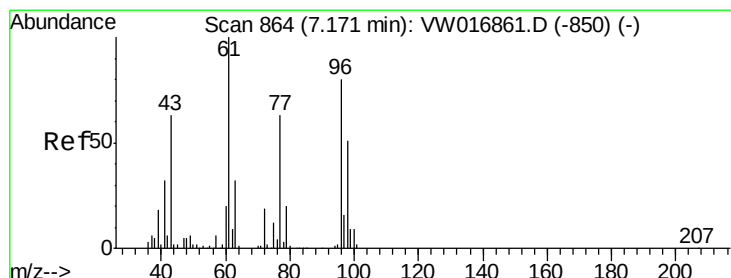
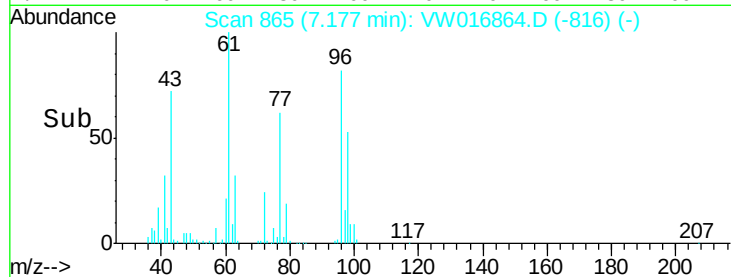
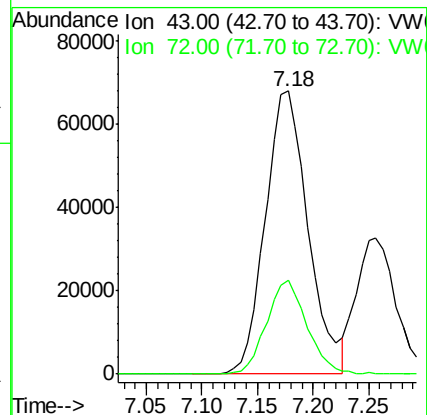
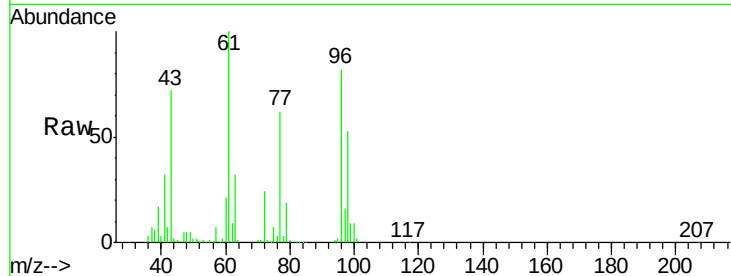
72 30.8 25.4 38.2

Manual Integrations

APPROVED

MMDadoda

10/12/2020 4:20:44 PM



#26

2,2-Dichloropropane

Concen: 51.776 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016864.D

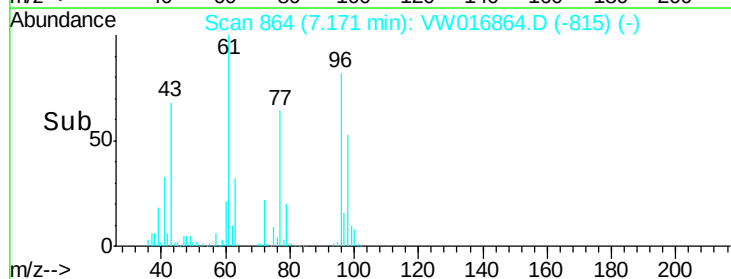
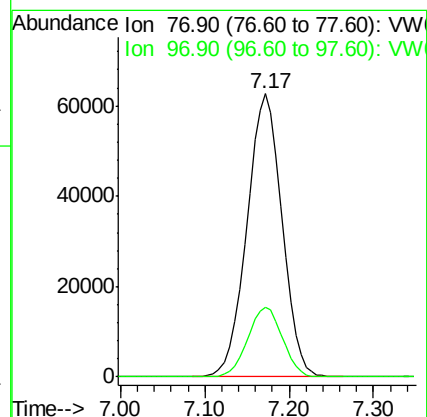
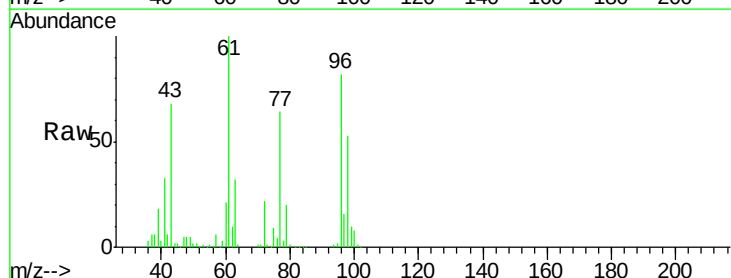
Acq: 09 Oct 2020 16:57

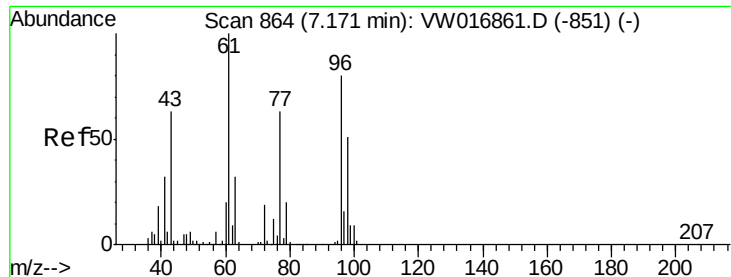
Tgt Ion: 77 Resp: 175627

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4





#27

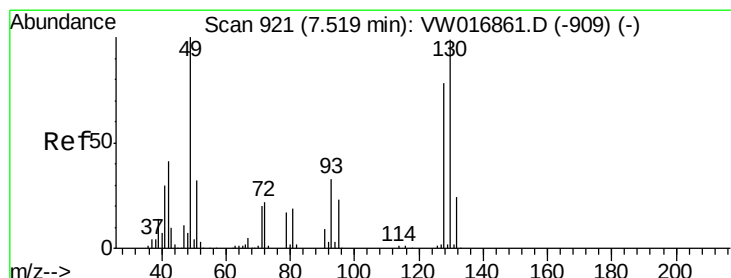
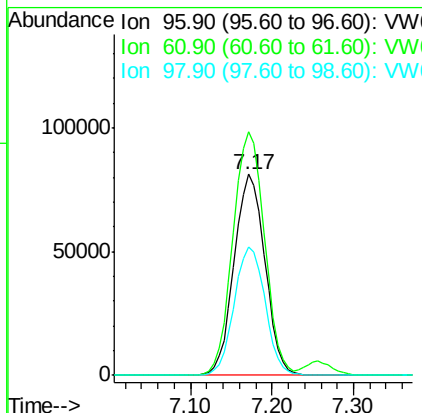
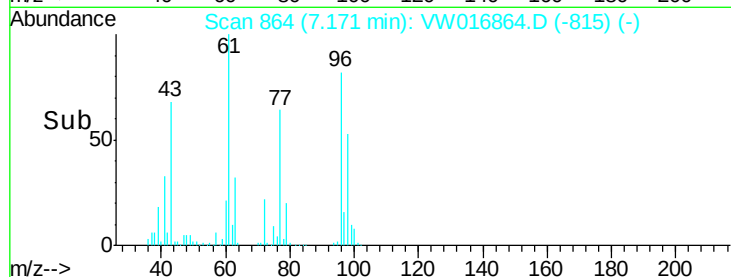
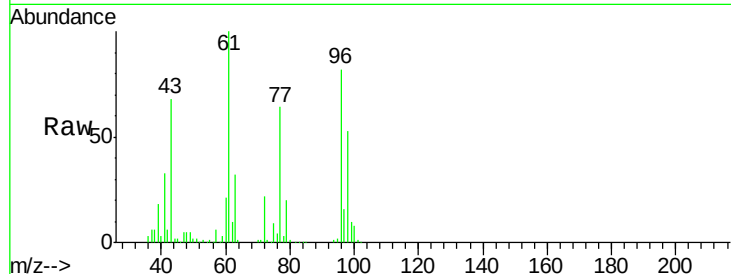
cis-1,2-Dichloroethene
Concen: 52.706 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion	Ratio	Resp	Lower	Upper
96	100	203671		
61	126.1	0.0	249.6	
98	65.3	0.0	129.4	

Manual Integrations
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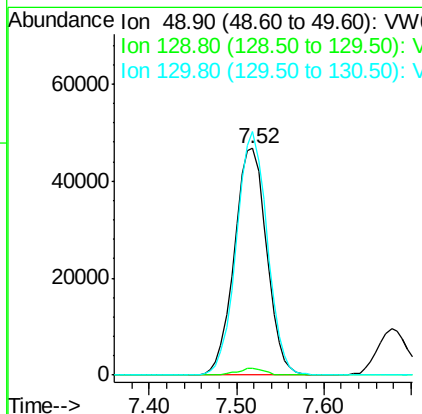
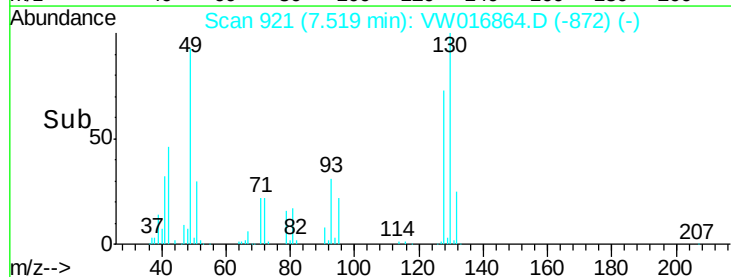
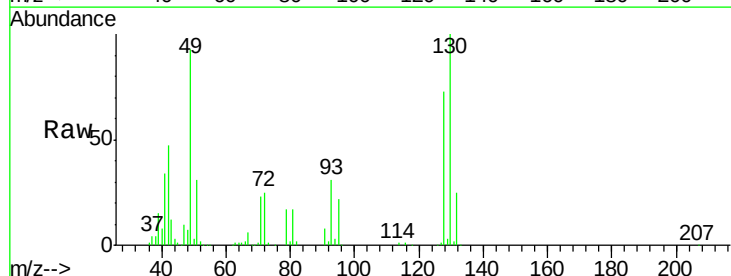
MMDadoda
10/12/2020 4:20:44 PM

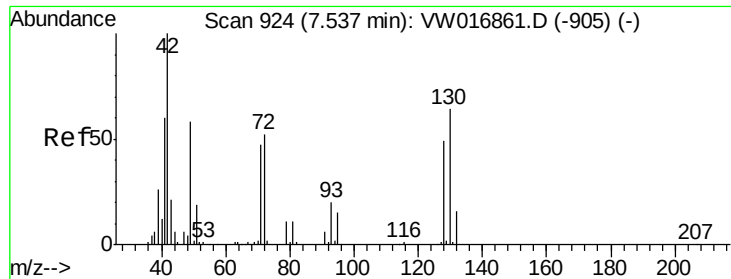


#28

Bromochloromethane
Concen: 54.501 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	120934		
129	0.8	0.0	4.8	
130	0.0	81.3	121.9#	





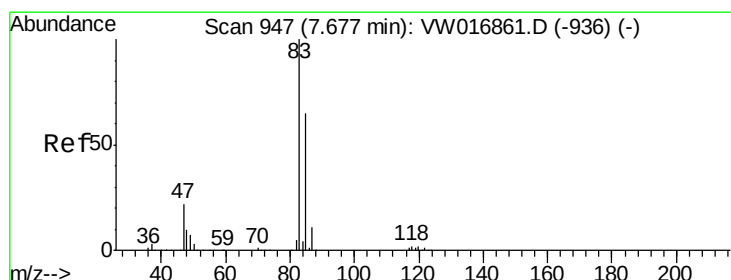
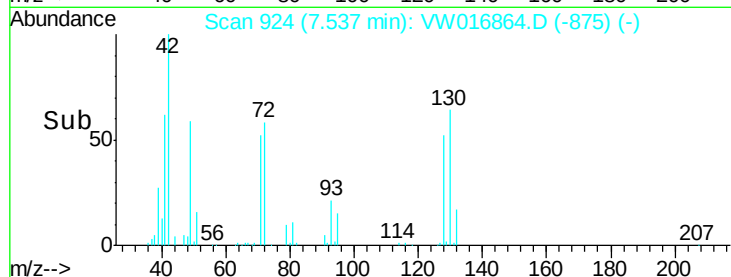
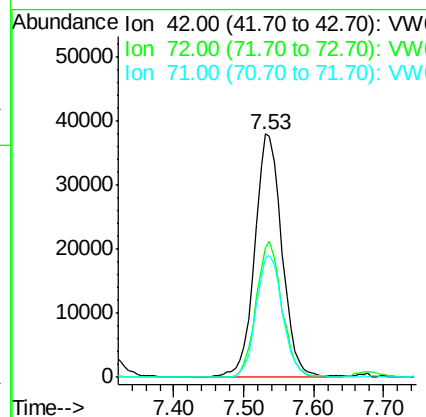
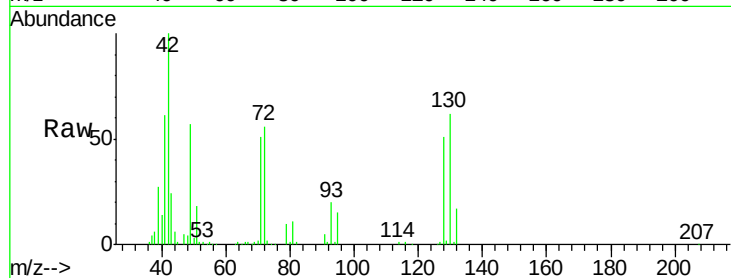
#29
Tetrahydrofuran
Concen: 289.520 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVWV101020

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.7	42.0	63.0
71	48.1	39.0	58.6

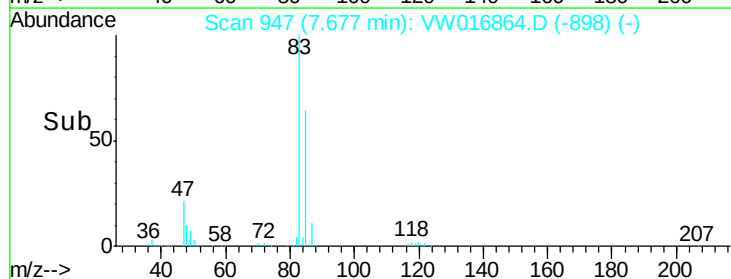
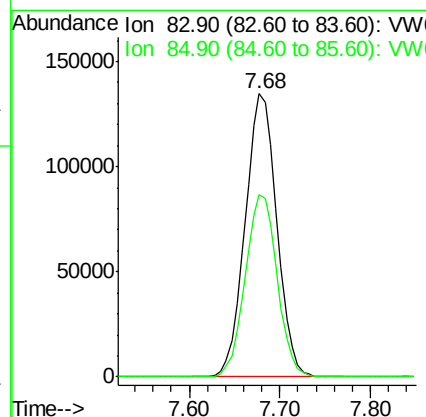
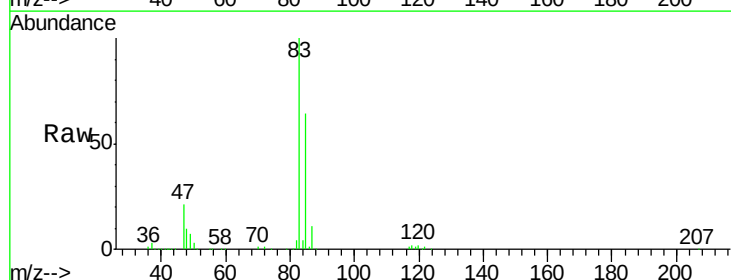
Manual Integrations
APPROVED

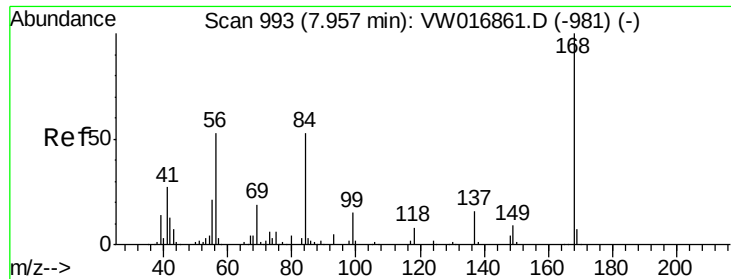
MMDadoda
10/12/2020 4:20:44 PM



#30
Chloroform
Concen: 52.791 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.7	77.5





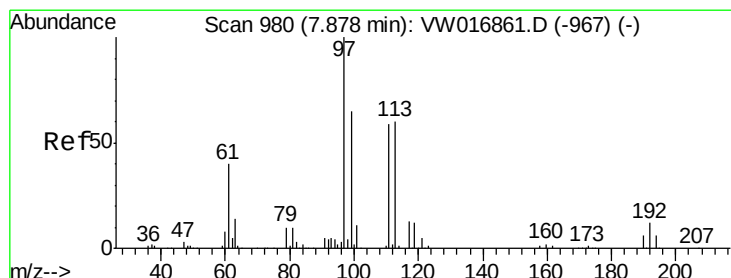
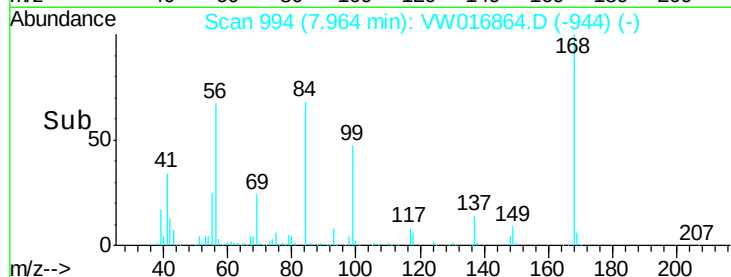
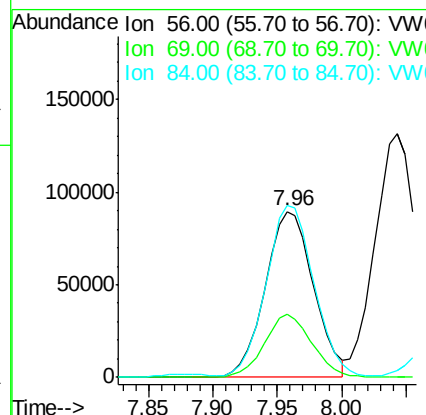
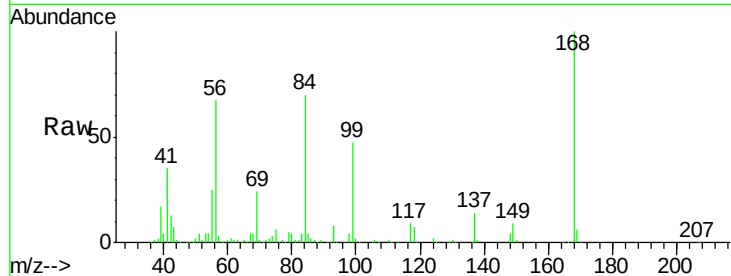
#31
Cyclohexane
Concen: 48.686 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVWV101020

Tot Ion	Ratio	Resp	Lower	Upper
56	100	230236		
69	35.9		29.3	43.9
84	99.9		80.5	120.7

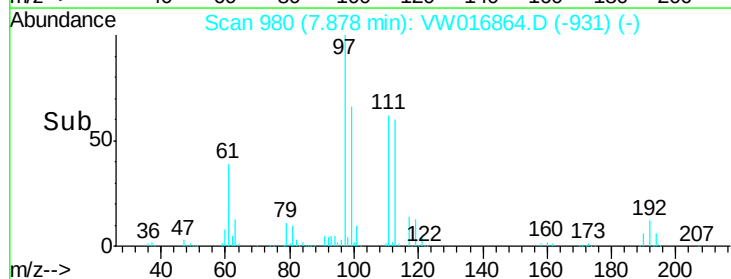
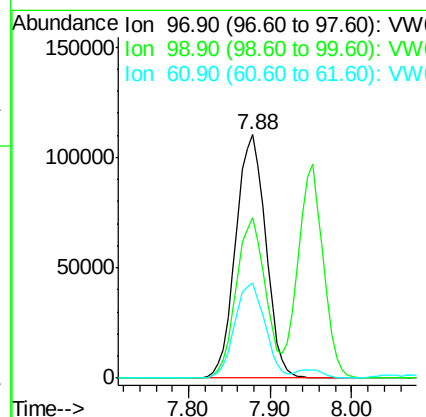
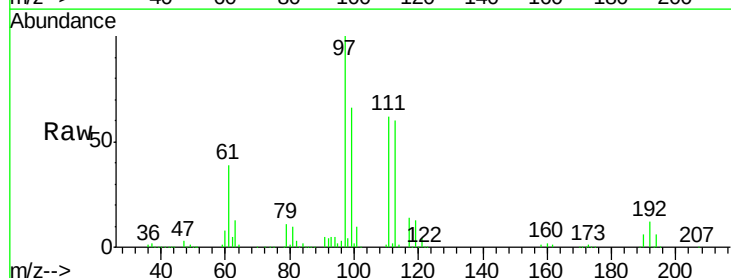
Manual Integrations
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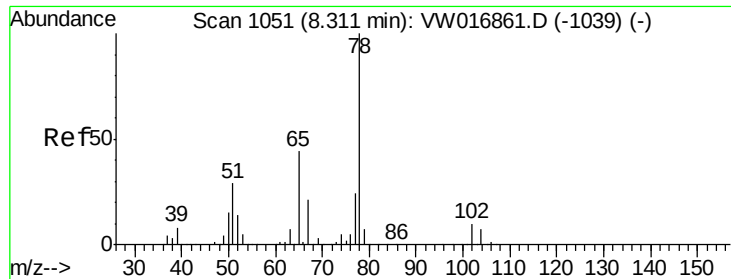
MMDadoda
10/12/2020 4:20:44 PM



#32
1,1,1-Trichloroethane
Concen: 53.154 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	270229		
99	65.1		52.4	78.6
61	40.0		31.9	47.9





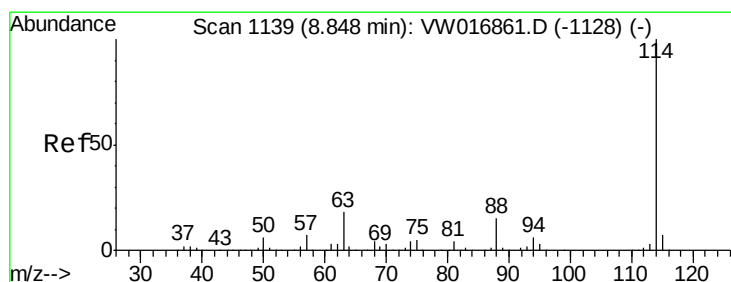
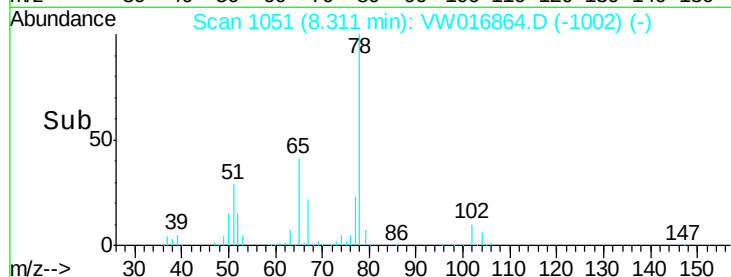
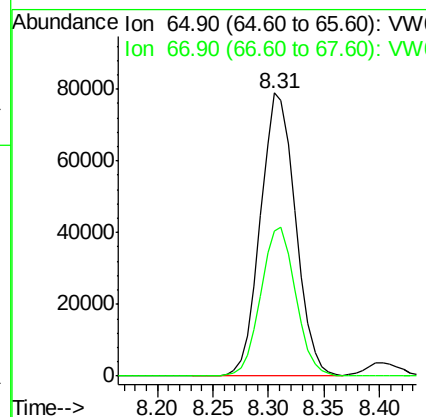
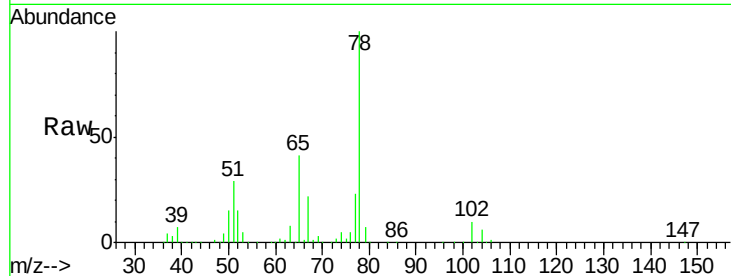
#33
 1,2-Dichloroethane-d4
 Concen: 53.574 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	167358		
67	52.1	0.0	103.8	

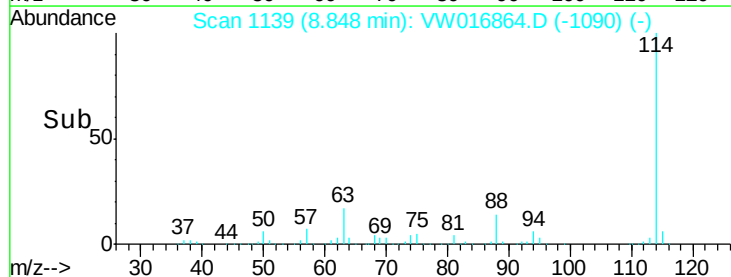
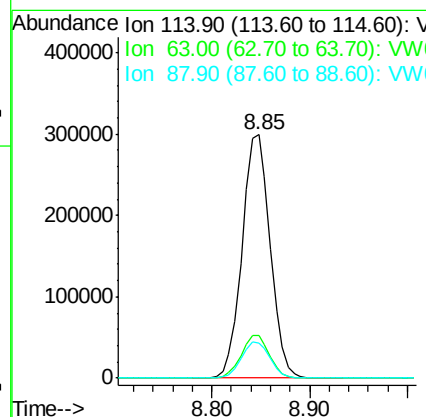
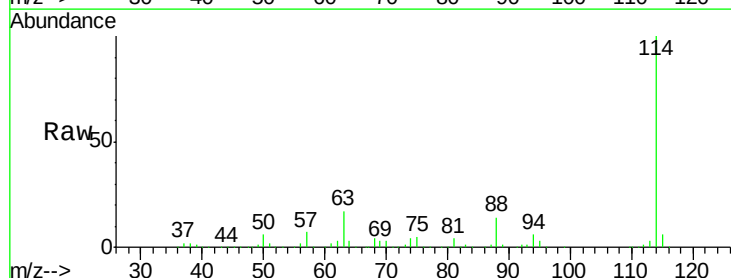
Manual Integrations
 APPROVED

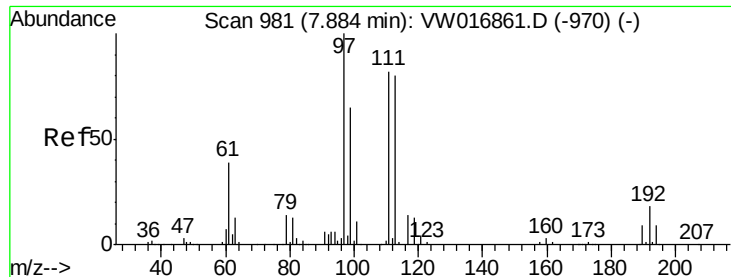
MMDadoda
 10/12/2020 4:20:44 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	559371		
63	16.9	0.0	35.6	
88	14.5	0.0	30.4	





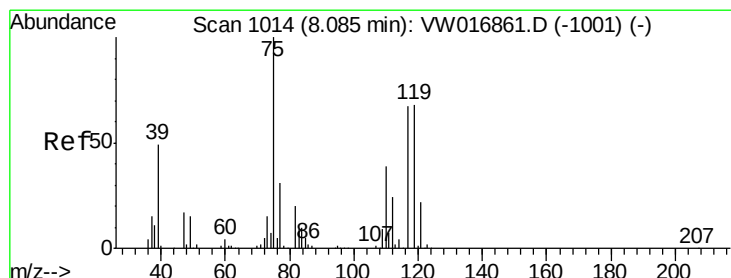
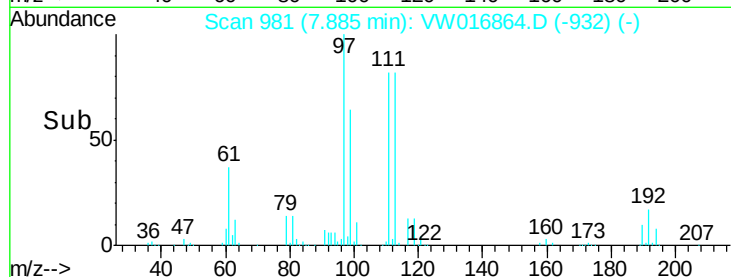
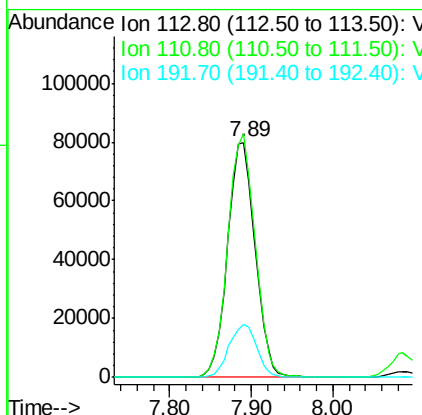
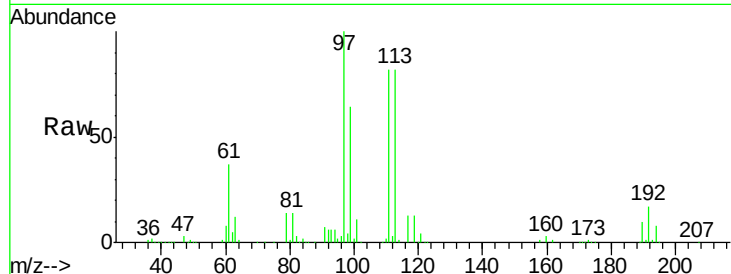
#35
Dibromofluoromethane
Concen: 52.210 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion	Ratio	Resp	Lower	Upper
113	100	179003		
111	101.6	81.4	122.2	
192	22.9	17.8	26.8	

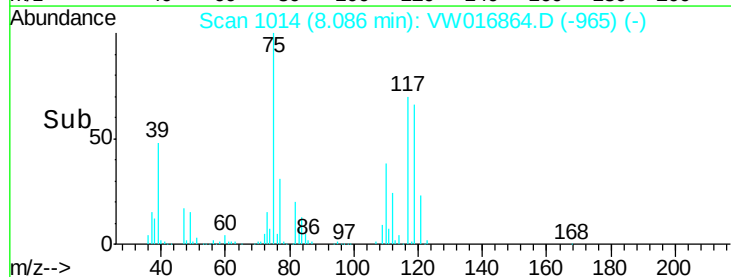
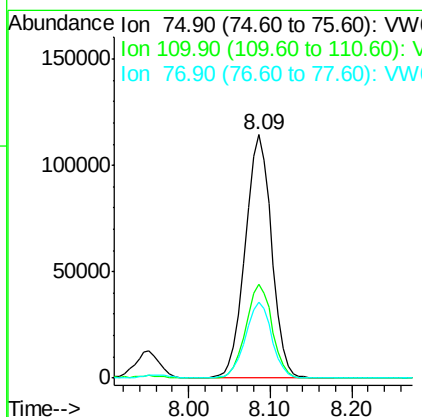
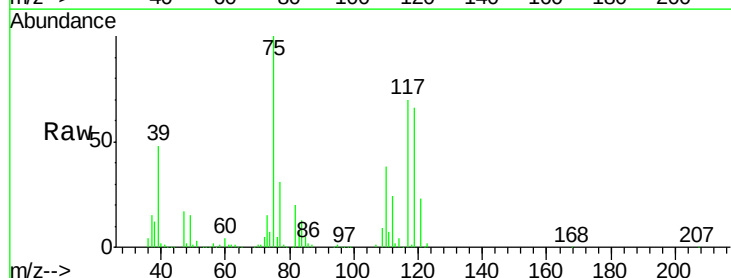
Manual Integrations
APPROVED

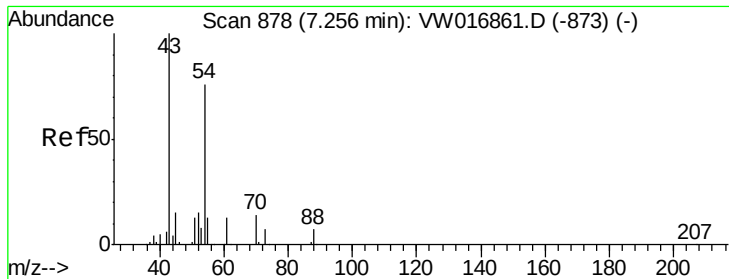
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#36
1,1-Dichloropropene
Concen: 51.432 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	248686		
110	38.6	19.3	57.9	
77	31.3	25.0	37.6	





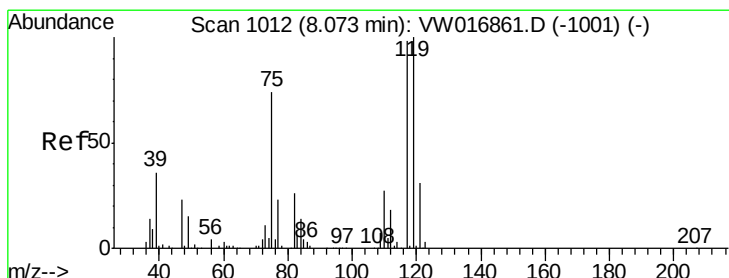
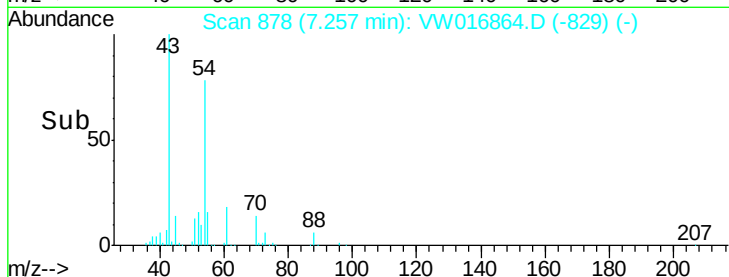
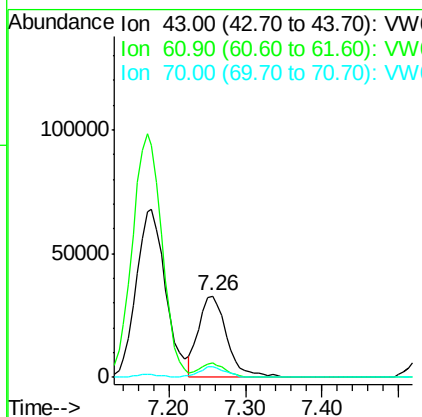
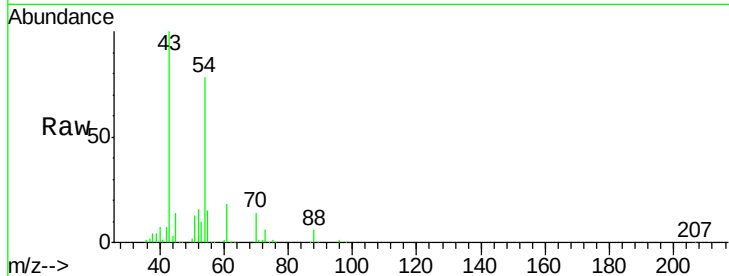
#37
Ethyl Acetate
Concen: 55.824 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.0	18.0
70	12.6	9.9	14.9

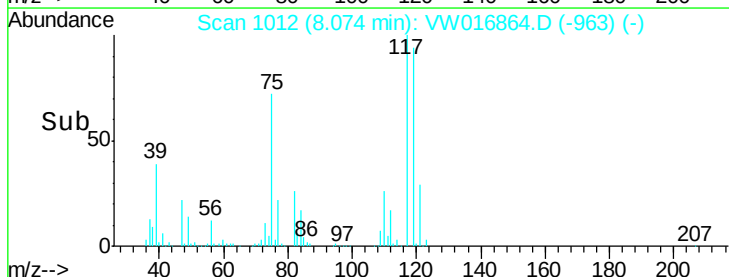
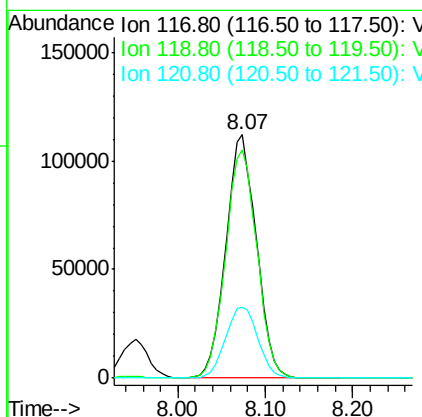
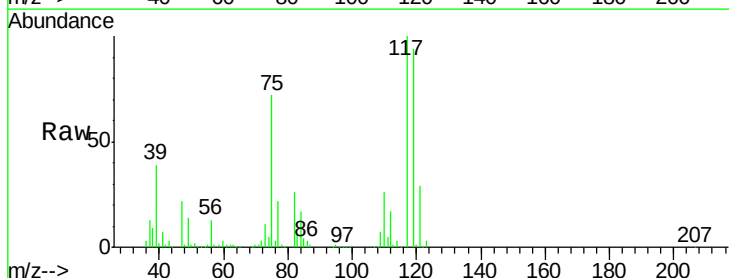
Manual Integrations
APPROVED

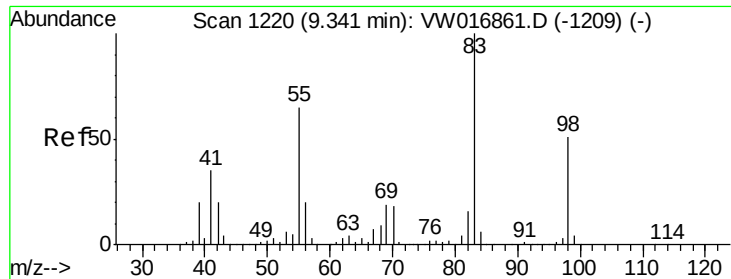
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#38
Carbon Tetrachloride
Concen: 52.636 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	81.6	122.4
121	30.8	25.7	38.5





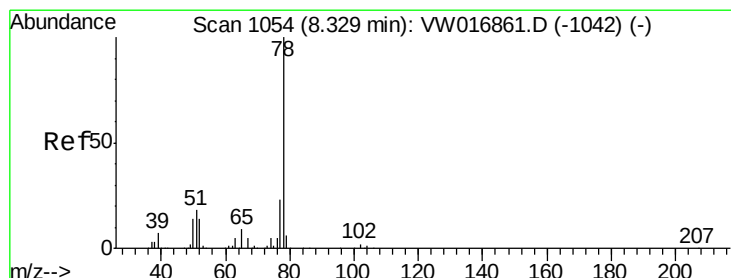
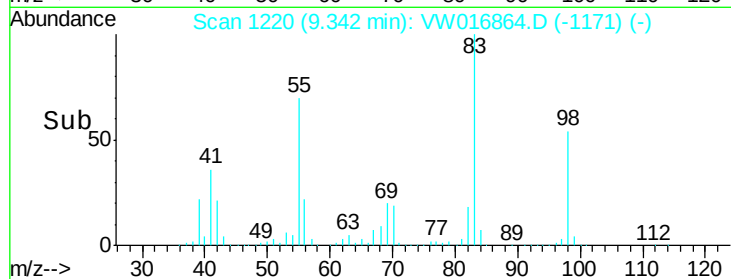
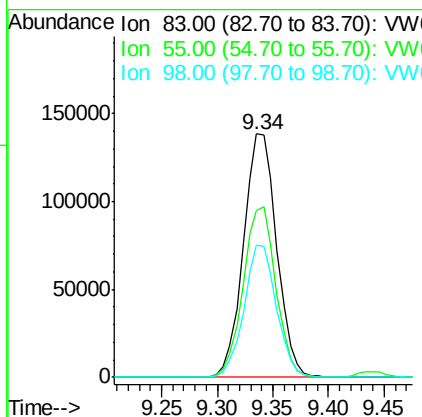
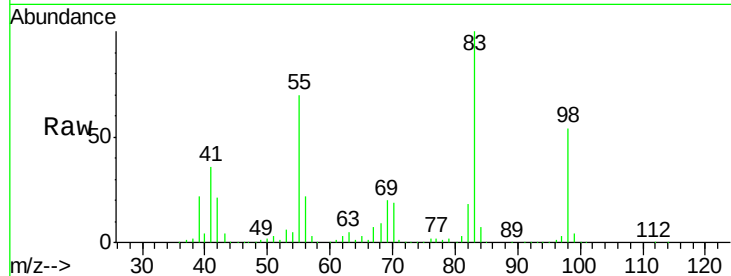
#39
Methylvlcyclohexane
Concen: 53.064 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion	Ratio	Resp	Lower	Upper
83	100	292622		
55	65.5		51.7	77.5
98	49.4		41.0	61.4

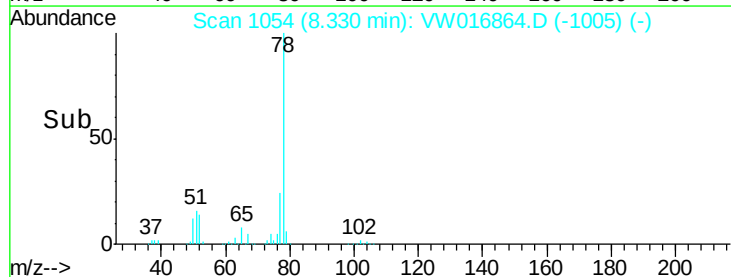
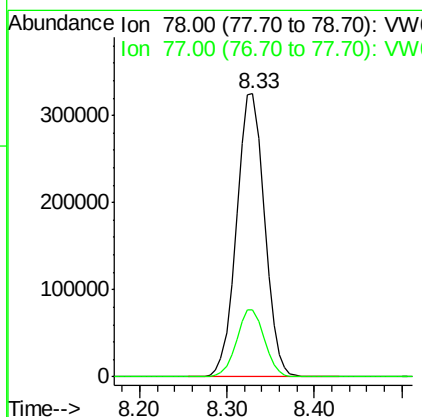
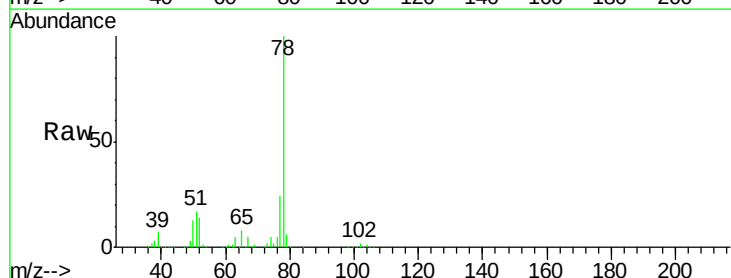
Manual Integrations
APPROVED

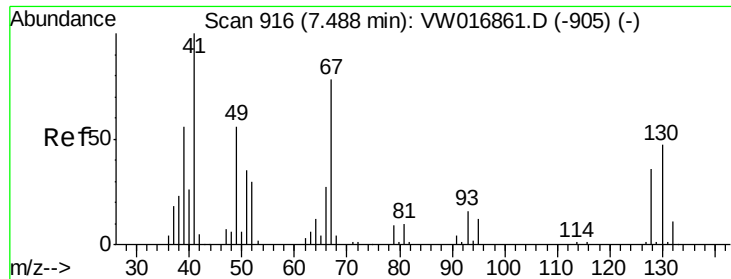
MMDadoda
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#40
Benzene
Concen: 51.824 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	698272		
77	23.9		18.5	27.7





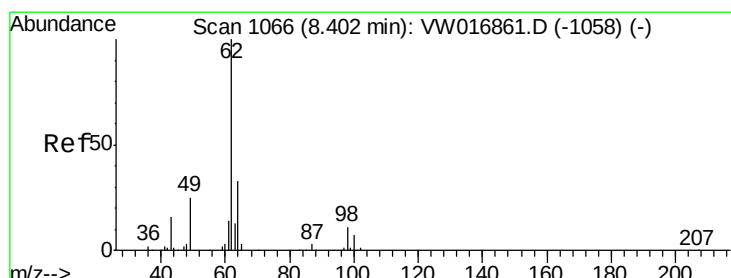
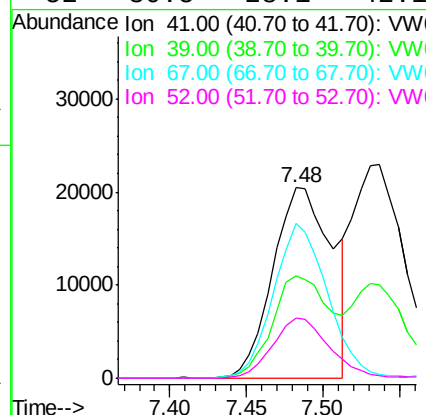
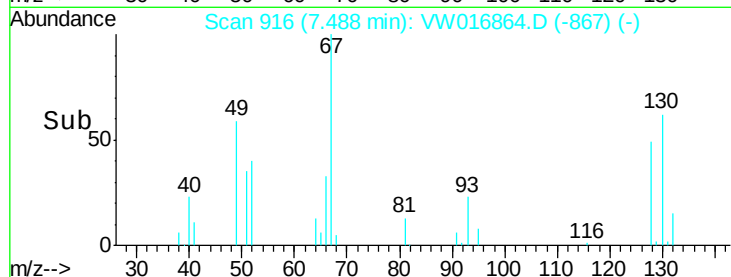
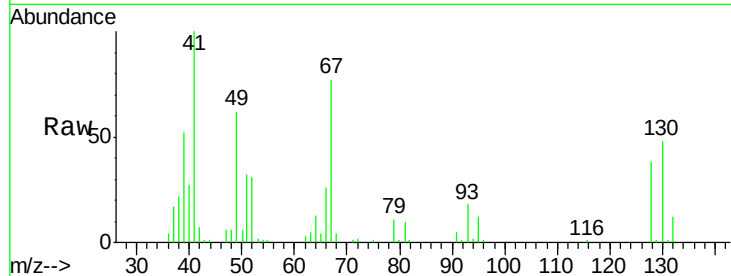
#41
Methacrylonitrile
Concen: 59.219 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.7	47.0	70.6	
67	77.8	68.6	102.8	
52	30.5	28.1	42.1	

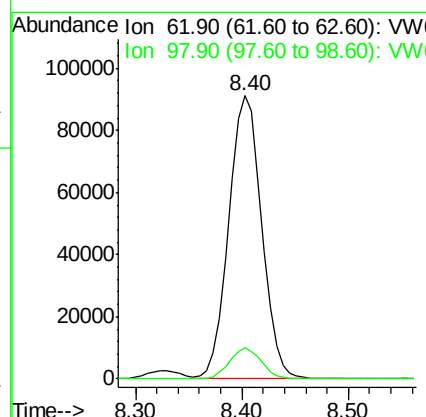
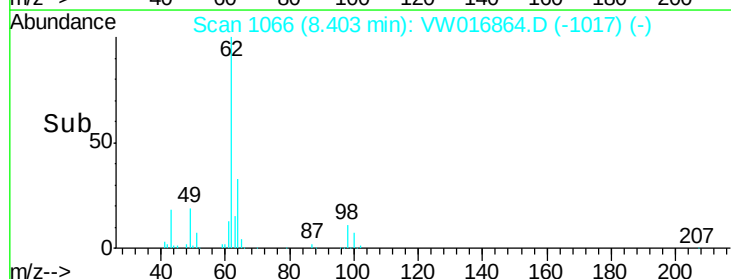
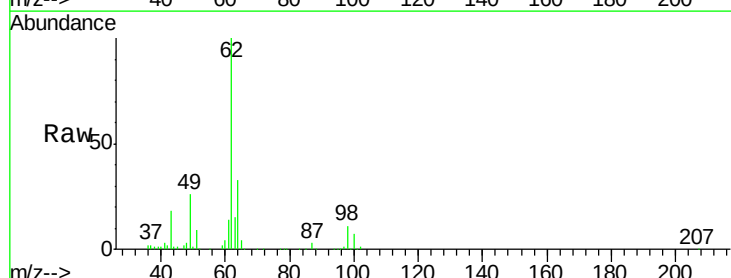
Manual Integrations
APPROVED

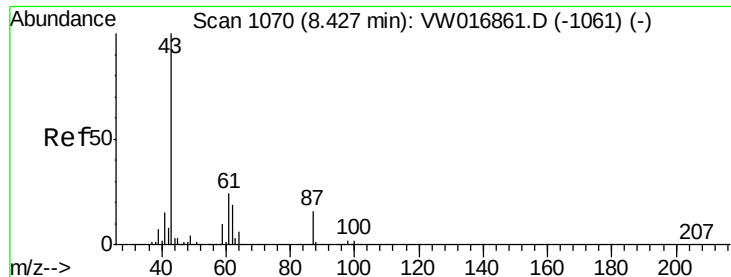
MMDadoda
10/12/2020 4:20:44 PM



#42
1,2-Dichloroethane
Concen: 53.783 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	21.0	





#43

Isopropyl Acetate

Concen: 57.573 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

MSVOA_W

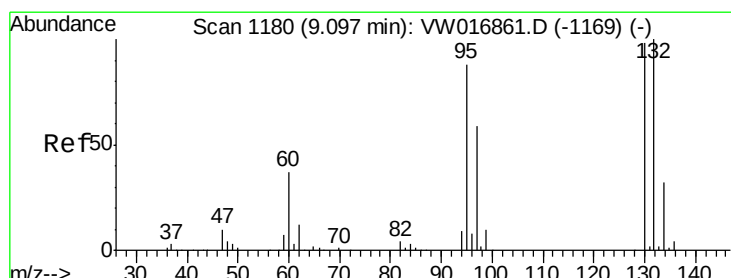
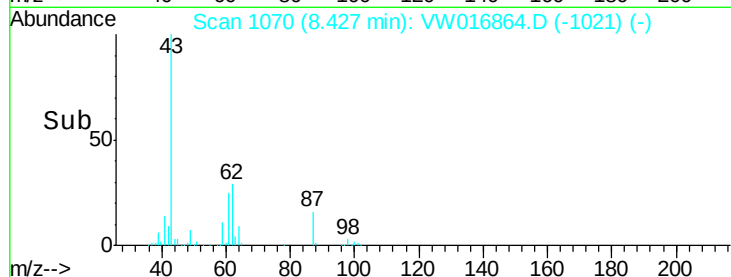
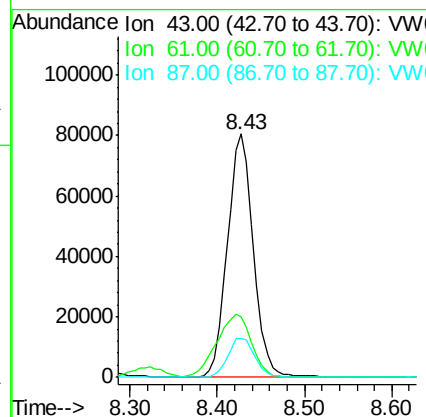
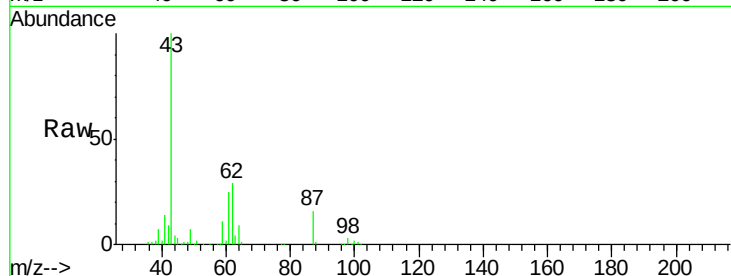
ClientSampleId :

ICVW101020

Tot Ion:	43	Resp:	174252
Ion	Ratio	Lower	Upper
43	100		
61	34.0	27.5	41.3
87	16.2	13.6	20.4

Manual Integrations
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#44

Trichloroethene

Concen: 51.840 ug/l

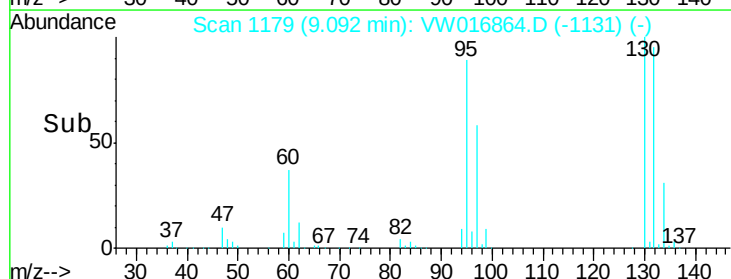
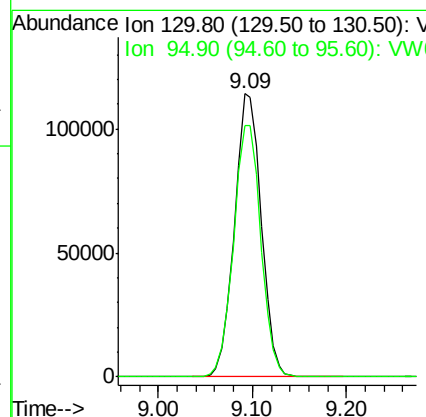
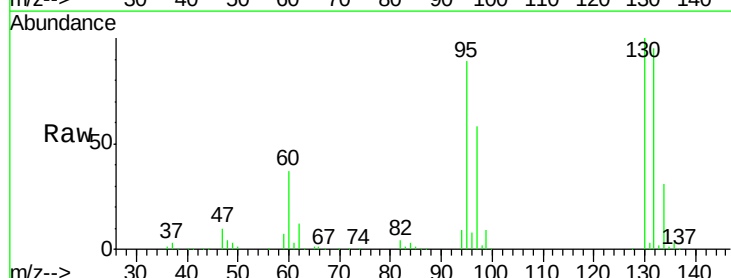
RT: 9.09 min Scan# 1179

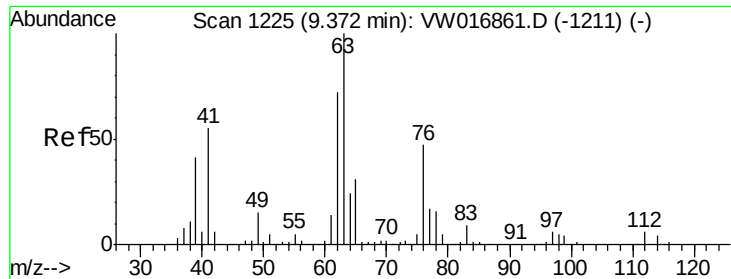
Delta R.T. -0.01 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Tgt Ion:	130	Resp:	216194
Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	180.2





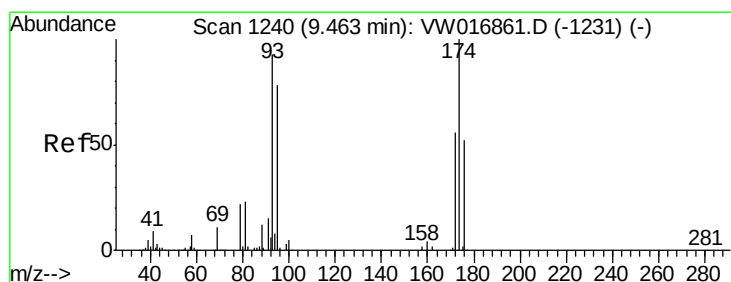
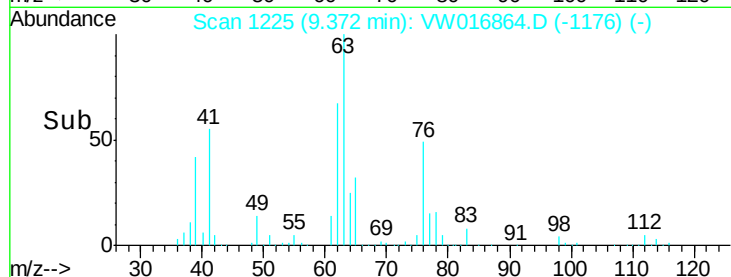
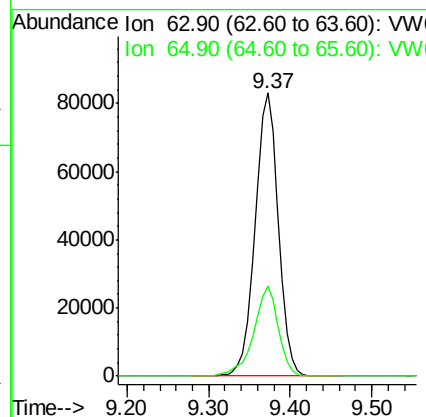
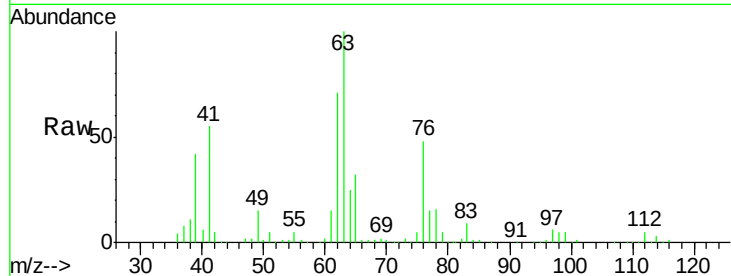
#45
 1,2-Dichloropropane
 Concen: 52.506 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.1	37.7

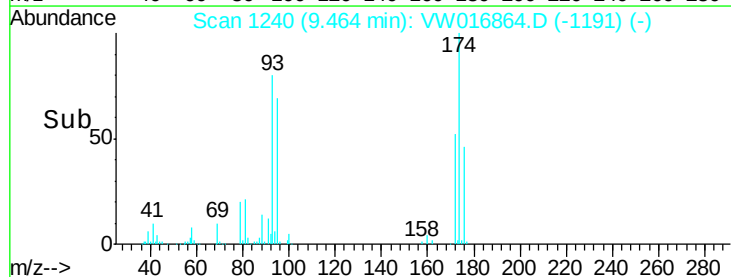
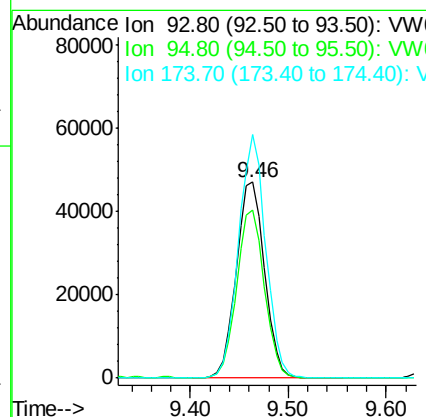
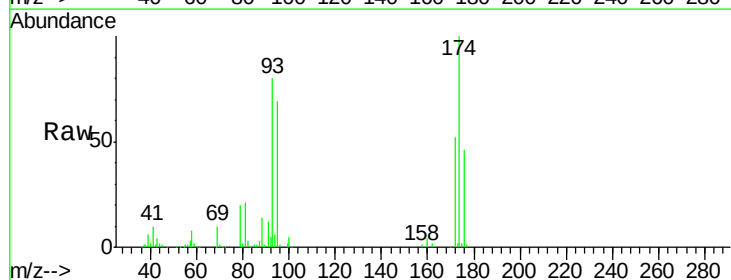
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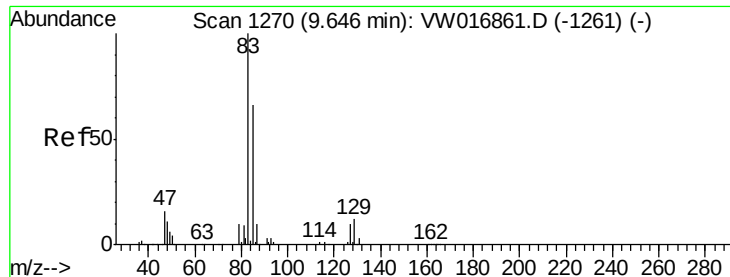
MMDadoda
 10/12/2020 4:20:44 PM



#46
 Dibromomethane
 Concen: 54.106 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.5	99.7
174	116.4	91.0	136.6





#47

Bromodichloromethane

Concen: 54.267 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

MSVOA_W

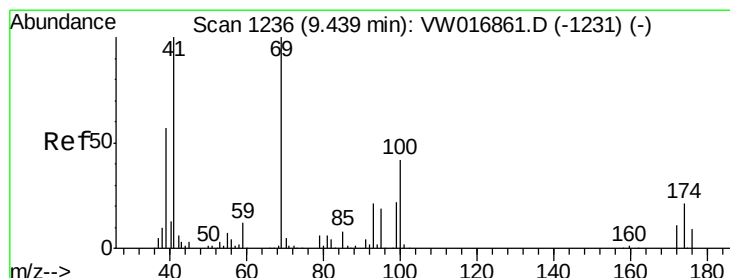
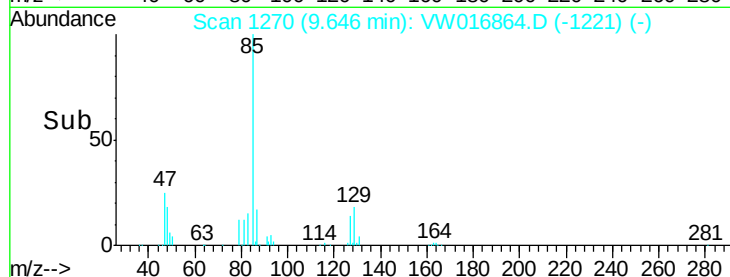
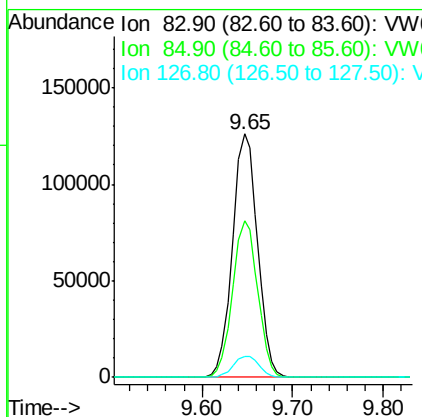
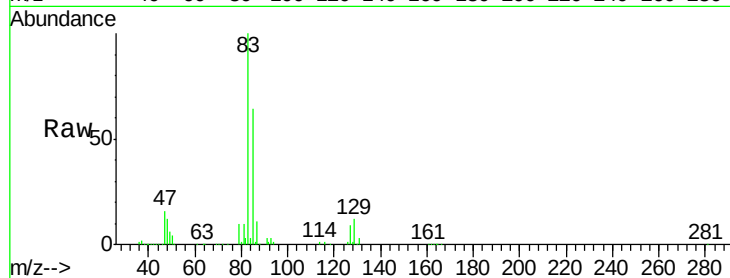
ClientSampleId :

ICVWV101020

Tot Ion:	83	Resp:	237138
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.7	79.1
127	8.8	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 58.442 ug/l

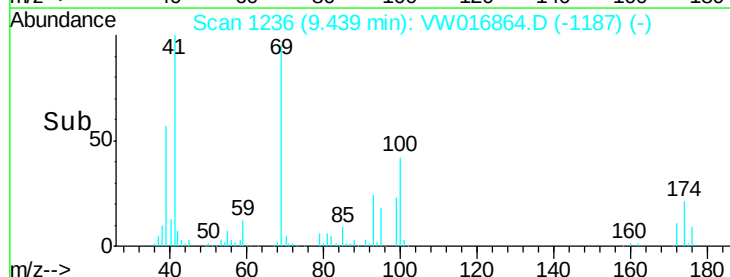
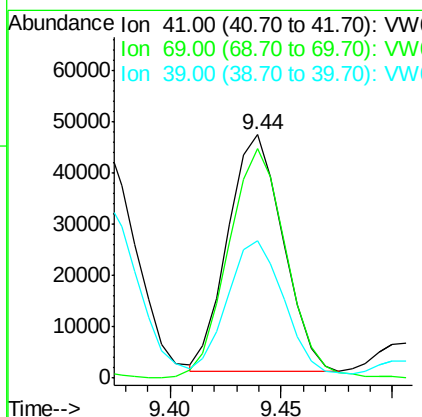
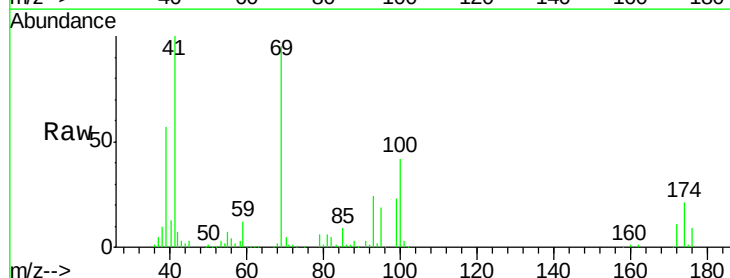
RT: 9.44 min Scan# 1236

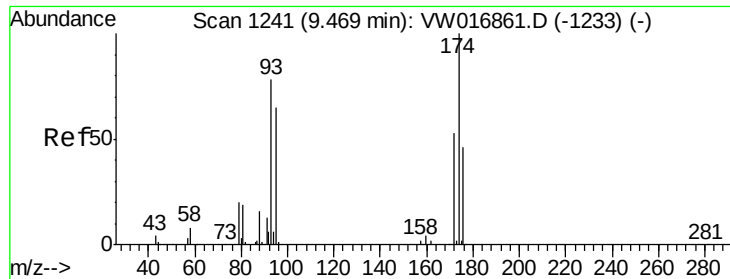
Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Tgt Ion:	41	Resp:	81511
Ion	Ratio	Lower	Upper
41	100		
69	102.7	83.5	125.3
39	58.7	50.9	76.3





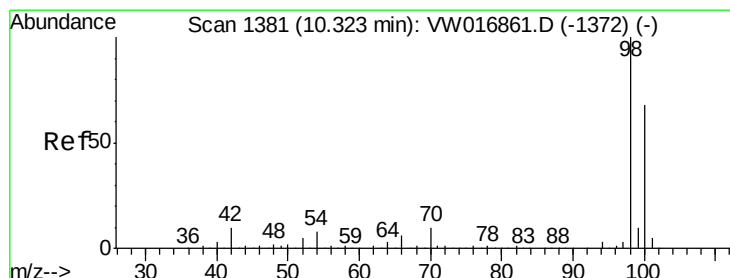
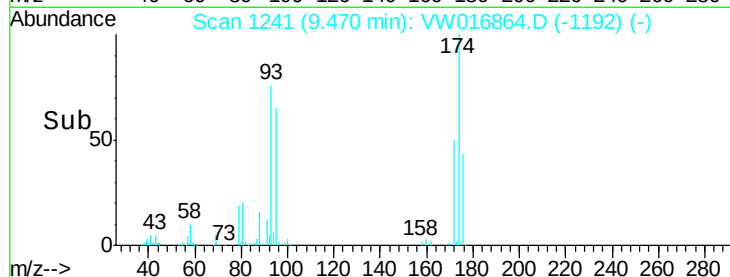
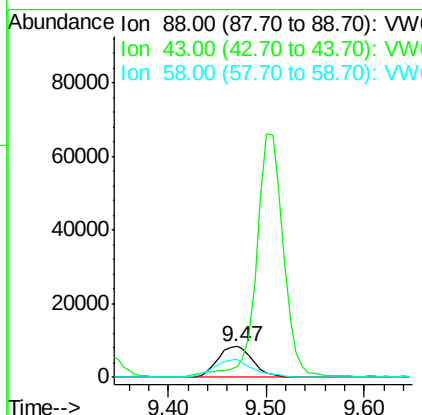
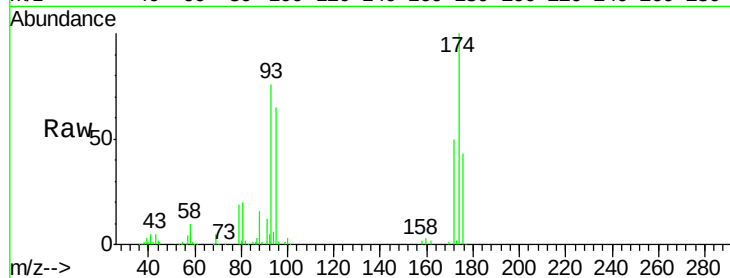
#49
1,4-Dioxane
Concen: 1145.271 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion	88	Resp	23152
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	66.0	54.0	81.0

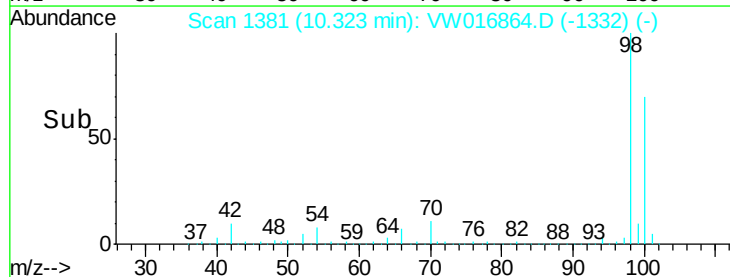
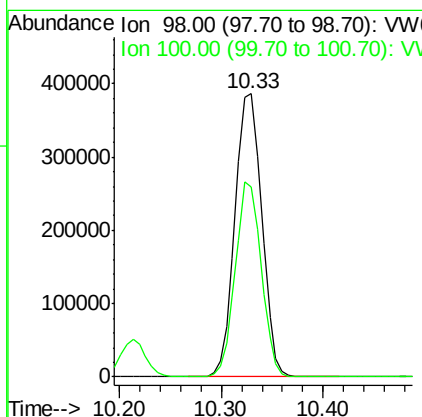
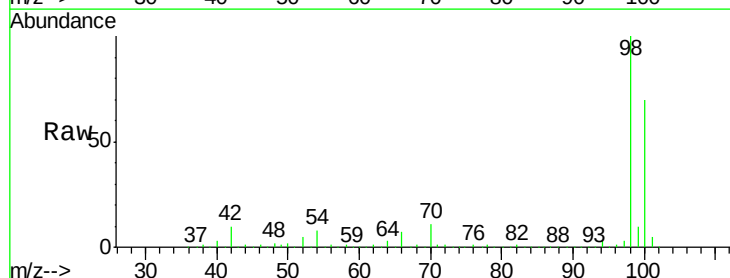
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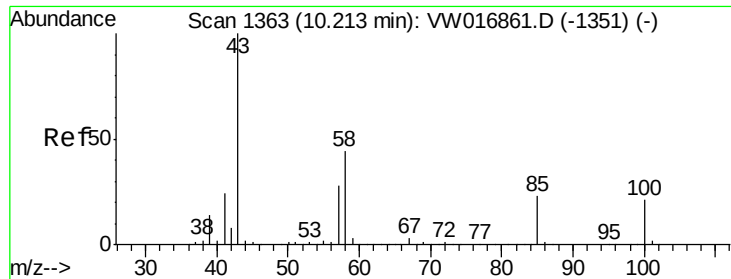
MMDadoda
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#50
Toluene-d8
Concen: 51.969 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	98	Resp	668076
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.3	79.9





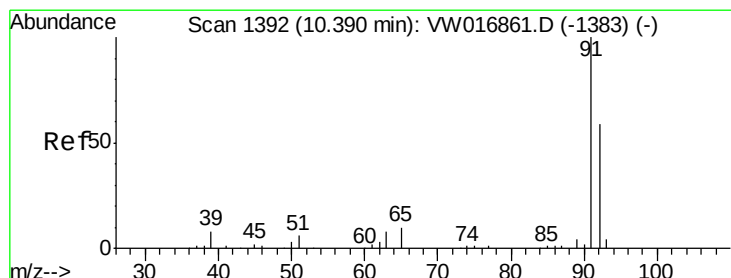
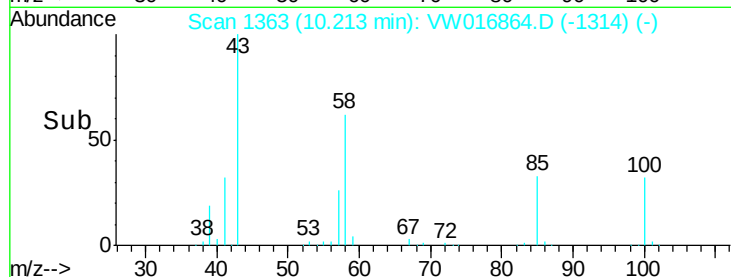
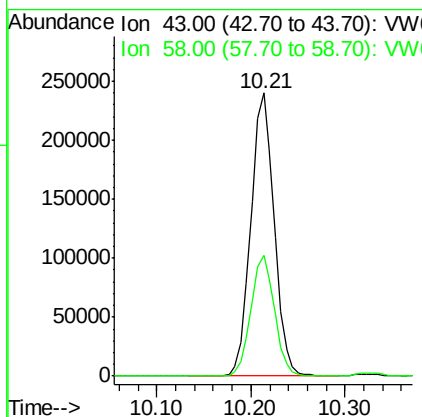
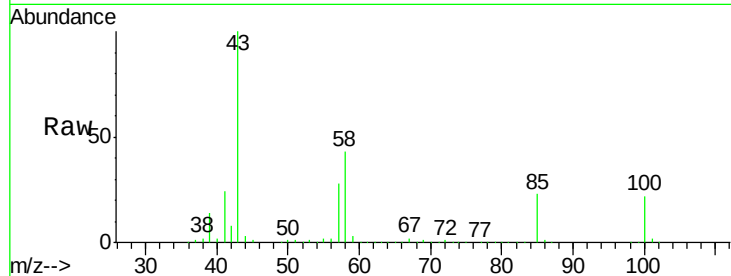
#51
4-Methyl-2-Pentanone
Concen: 283.015 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion: 43 Resp: 433341
Ion Ratio Lower Upper
43 100
58 43.7 34.7 52.1

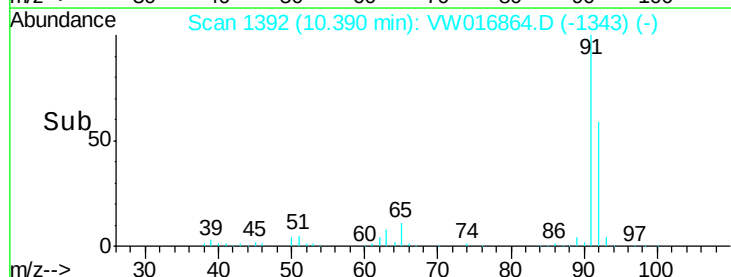
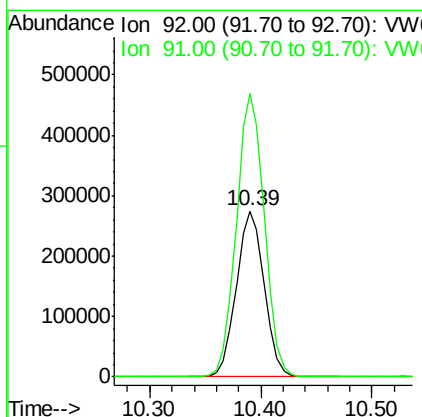
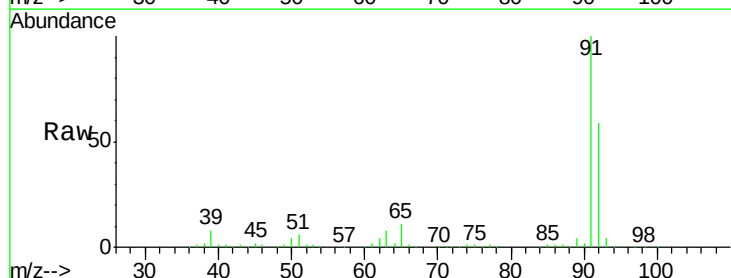
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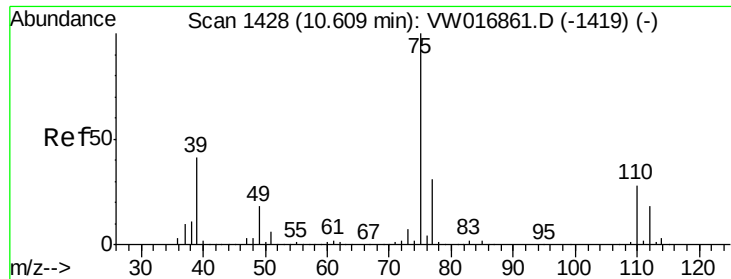
MMDadoda
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#52
Toluene
Concen: 52.282 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion: 92 Resp: 465666
Ion Ratio Lower Upper
92 100
91 171.4 134.7 202.1





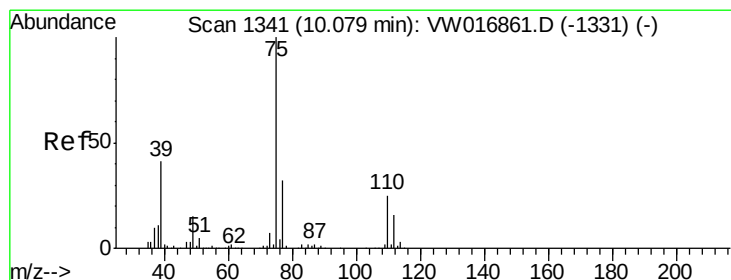
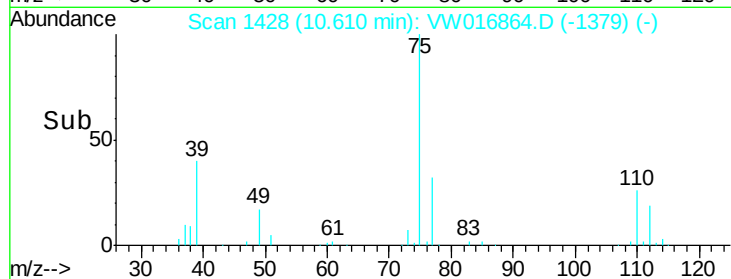
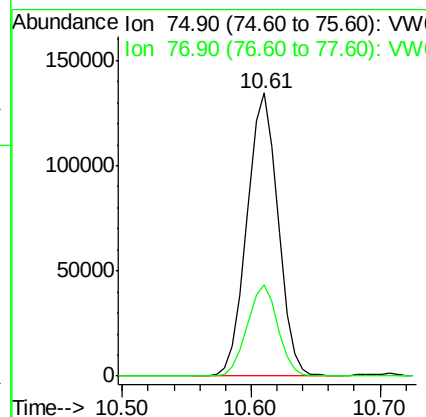
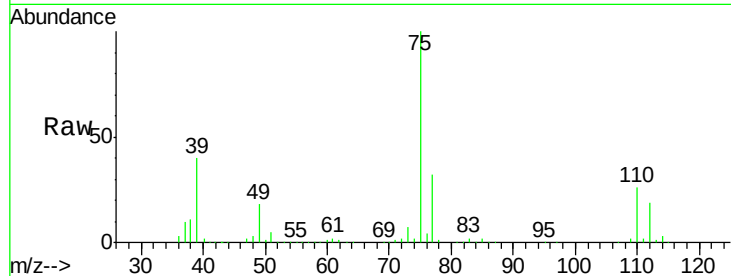
#53
 t-1,3-Dichloropropene
 Concen: 57.007 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.8	37.2

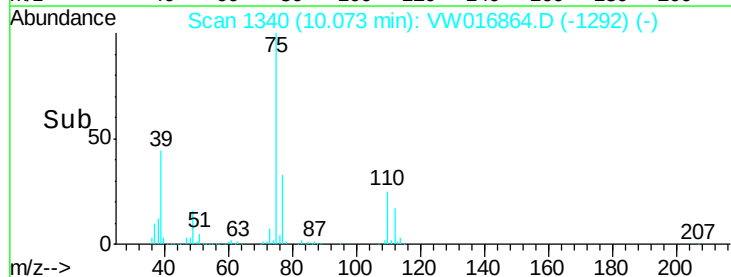
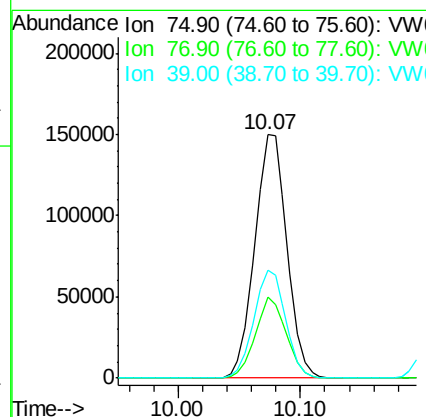
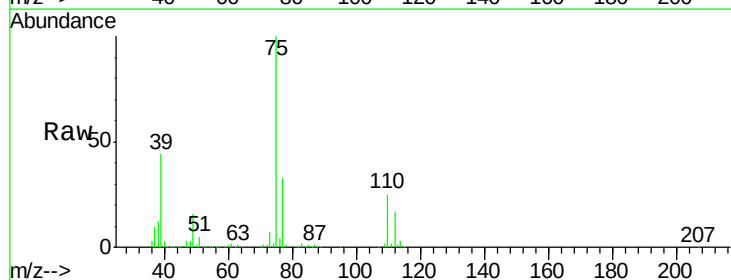
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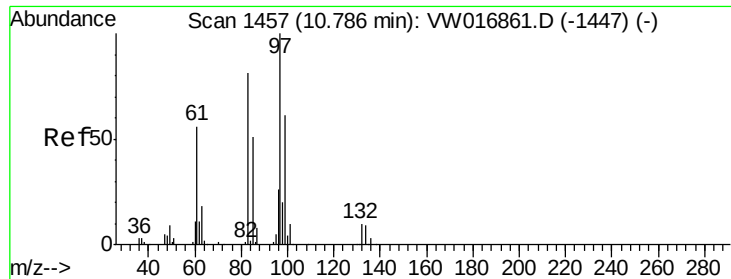
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#54
 cis-1,3-Dichloropropene
 Concen: 54.495 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.6
39	43.9	32.9	49.3





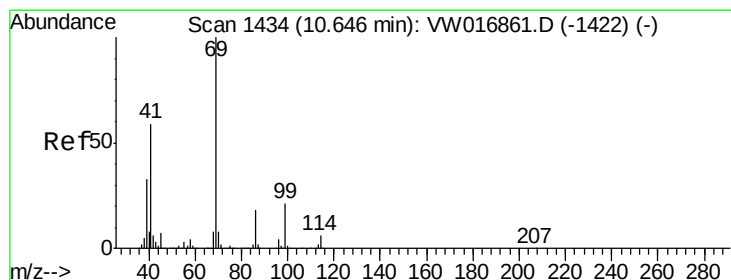
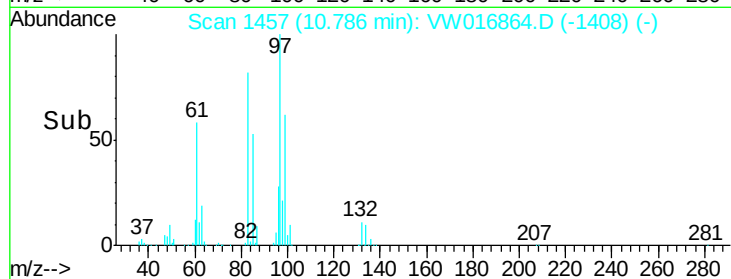
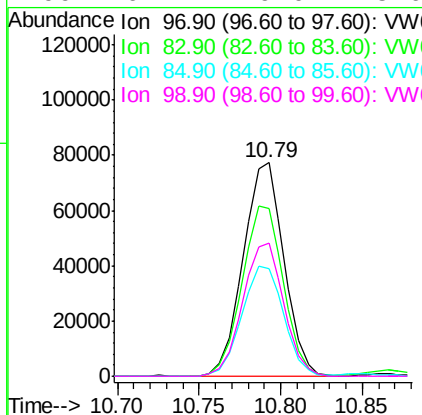
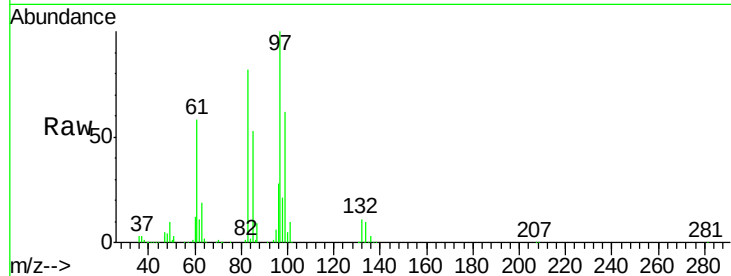
#55
 1,1,2-Trichloroethane
 Concen: 53.096 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		132824		
83	81.4	64.6	97.0		
85	53.7	40.6	61.0		
99	62.4	49.0	73.6		

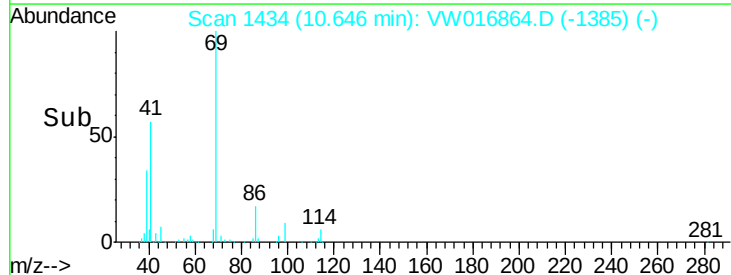
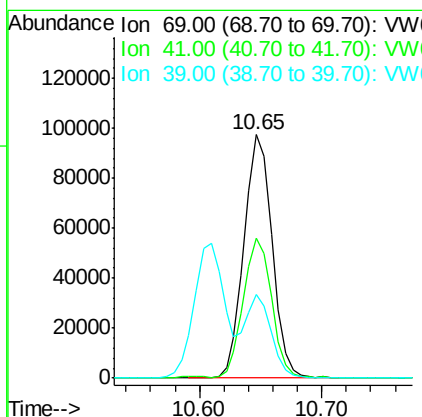
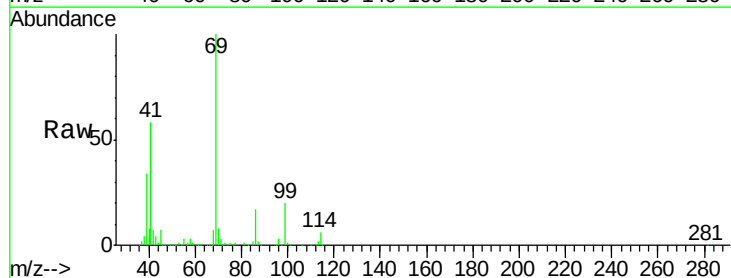
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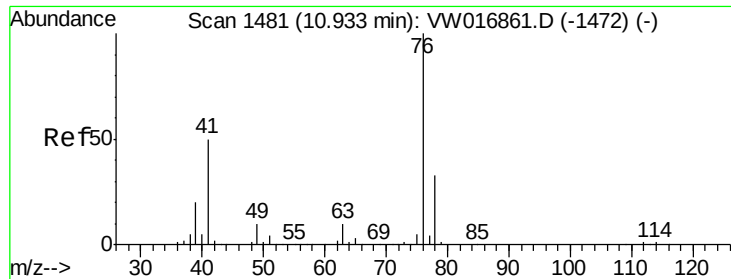
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#56
 Ethyl methacrylate
 Concen: 58.059 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		157999		
41	57.7	46.3	69.5		
39	32.9	25.9	38.9		





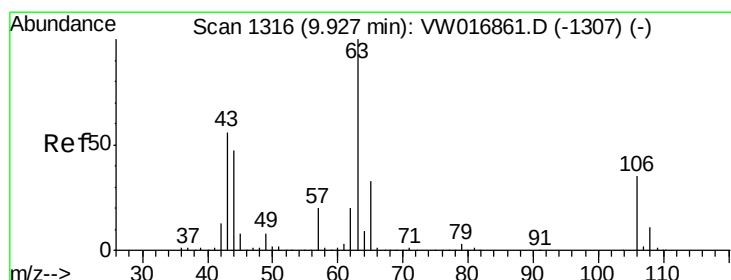
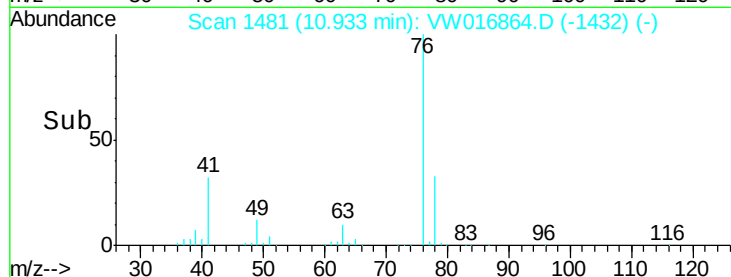
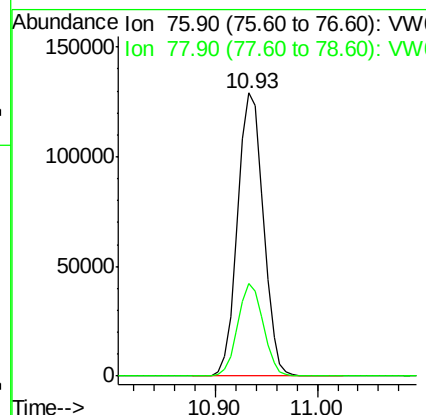
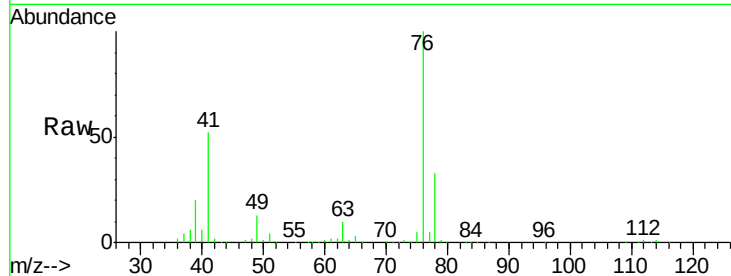
#57
 1,3-Dichloropropane
 Concen: 53.895 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

Tot Ion: 76 Resp: 223056
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.0 39.0

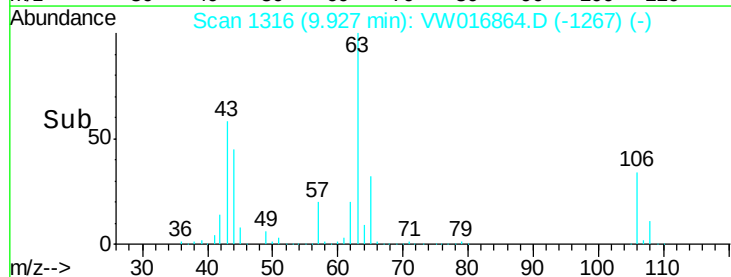
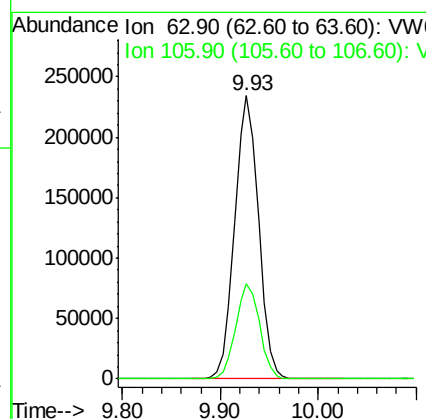
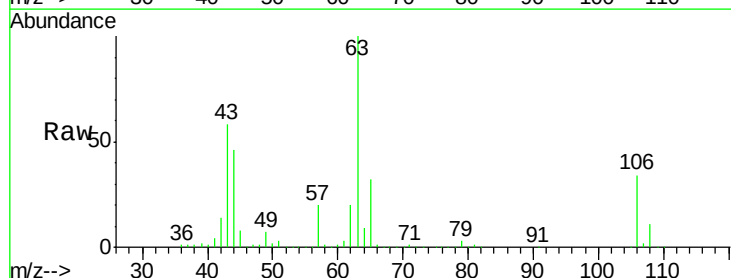
Manual Integrations
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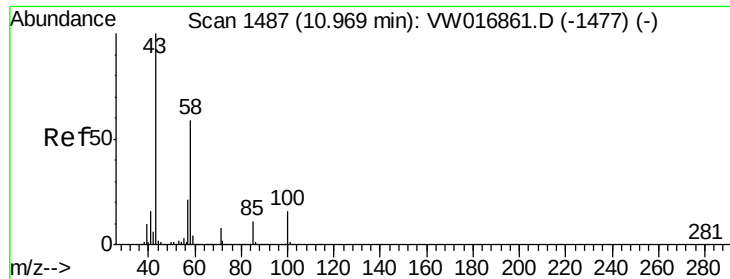
MMDadoda
 10/12/2020 4:20:44 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.191 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Tgt Ion: 63 Resp: 413489
 Ion Ratio Lower Upper
 63 100
 106 33.0 27.0 40.4





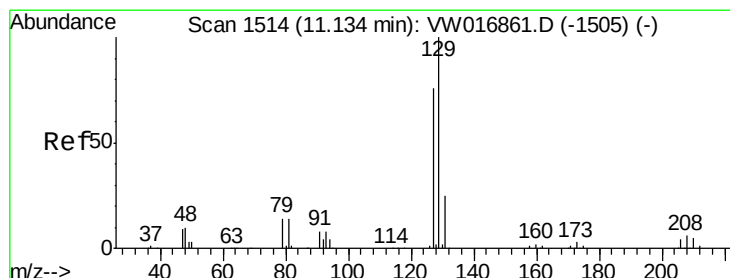
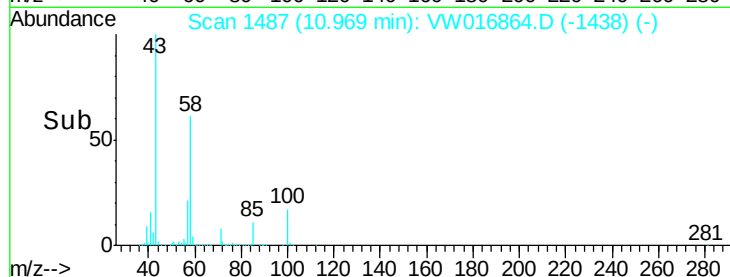
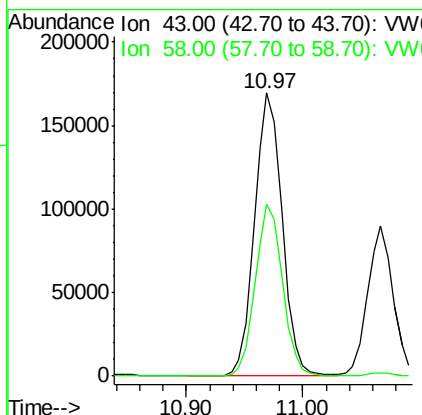
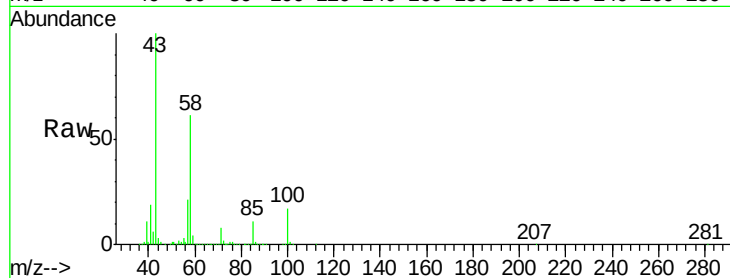
#59
2-Hexanone
Concen: 290.576 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.2	29.5	88.5

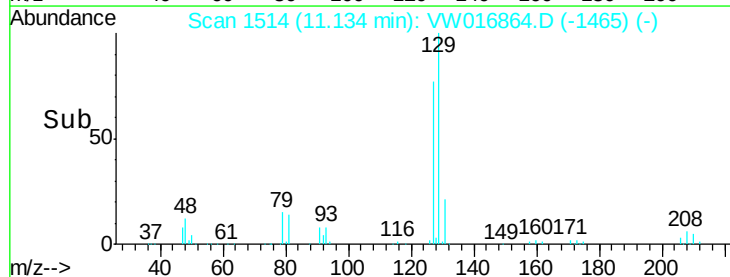
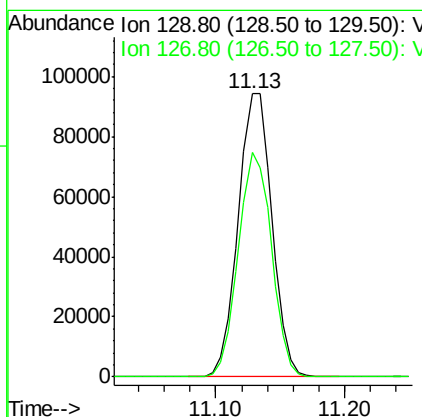
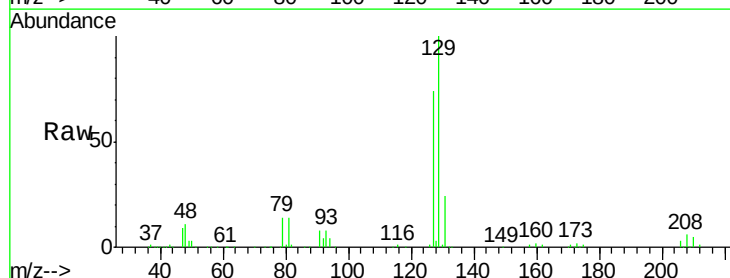
Manual Integrations
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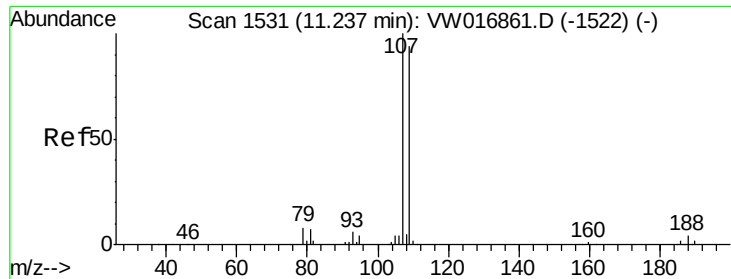
MMDadoda
10/12/2020 4:20:44 PM



#60
Dibromochloromethane
Concen: 54.657 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.9	116.6





#61

1,2-Dibromoethane

Concen: 54.544 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

ICVW101020

Tot Ion: 107 Resp: 135126

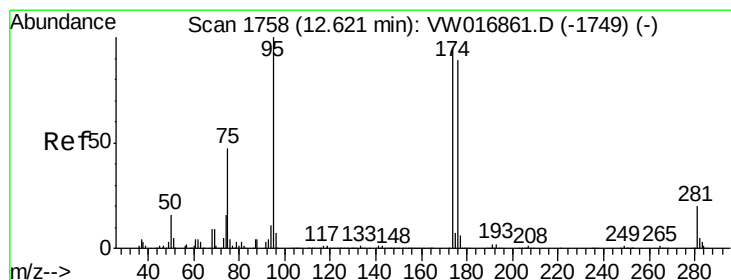
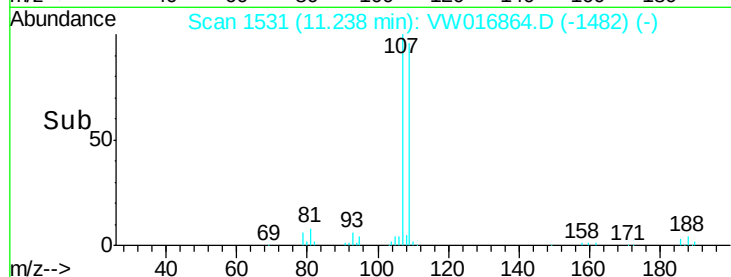
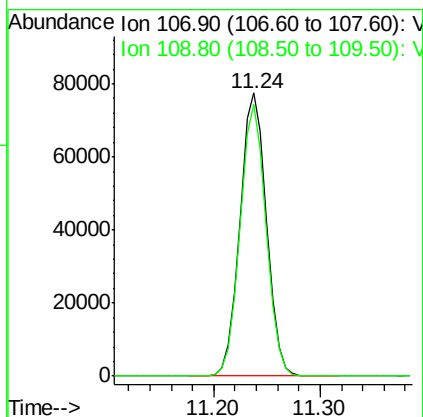
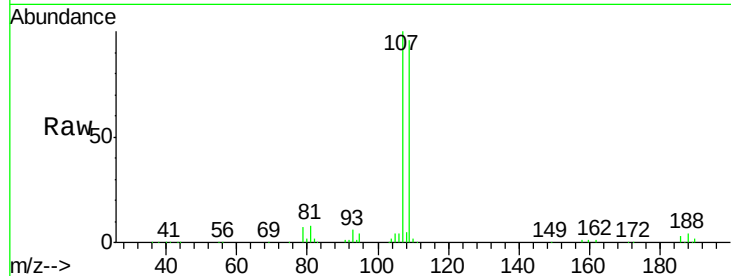
Ion Ratio Lower Upper

107 100

109 93.5 74.7 112.1

Manual Integrations
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MMDadoda
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#62

4-Bromofluorobenzene

Concen: 54.132 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

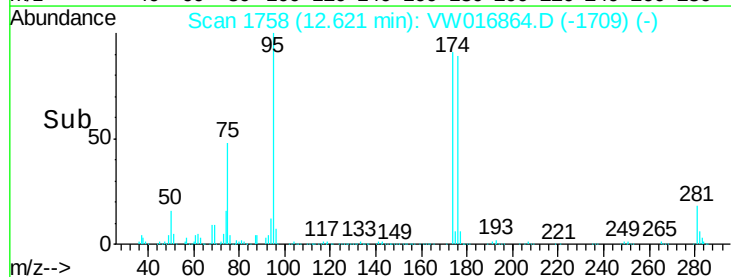
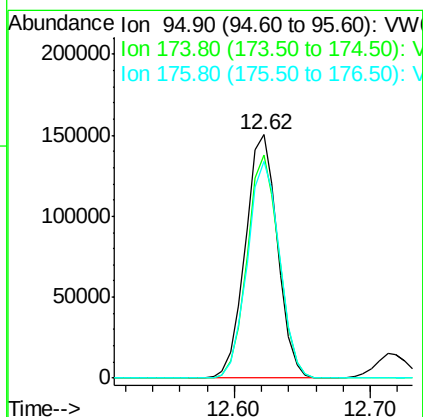
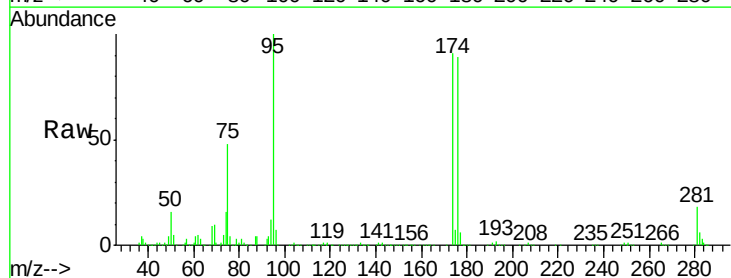
Tgt Ion: 95 Resp: 239968

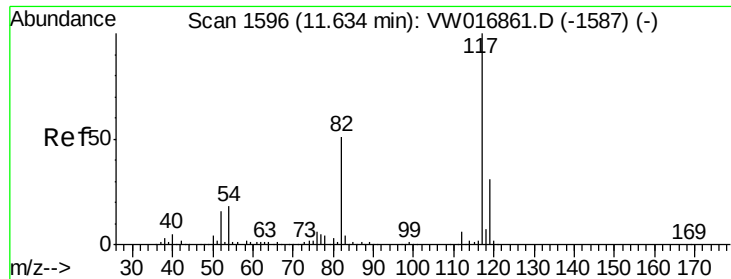
Ion Ratio Lower Upper

95 100

174 88.2 0.0 180.6

176 85.8 0.0 177.6





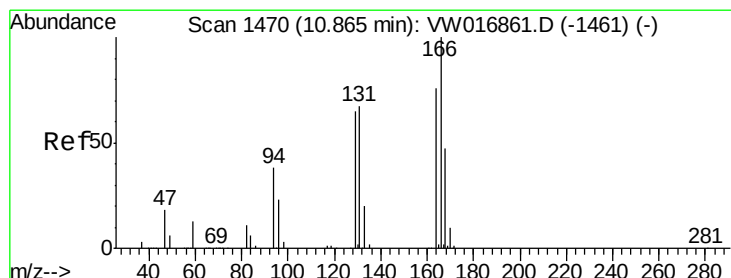
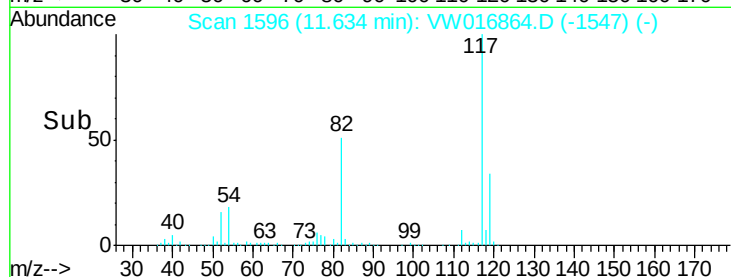
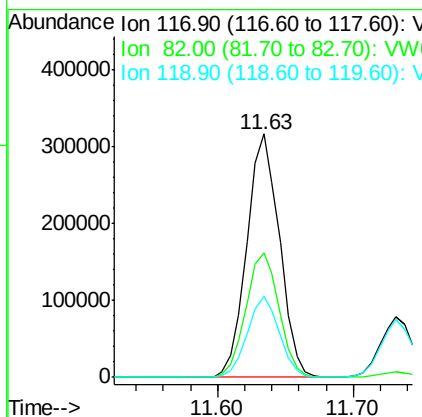
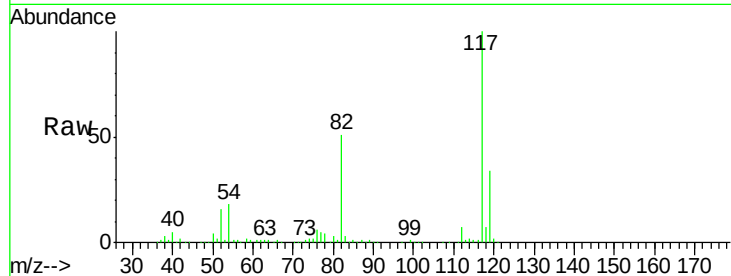
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	497556		
82	49.9		40.7	61.1
119	32.1		25.0	37.4

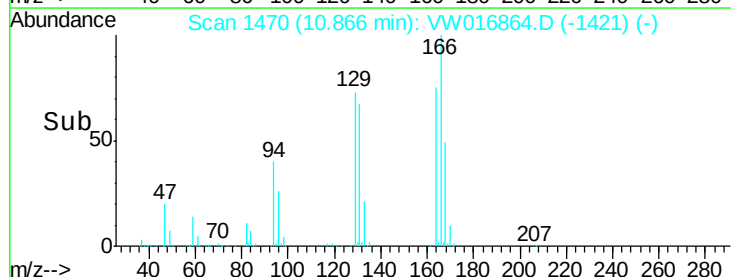
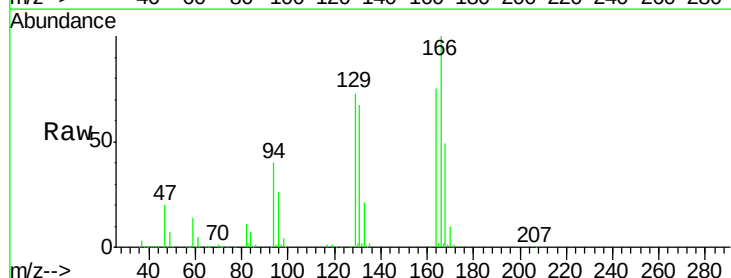
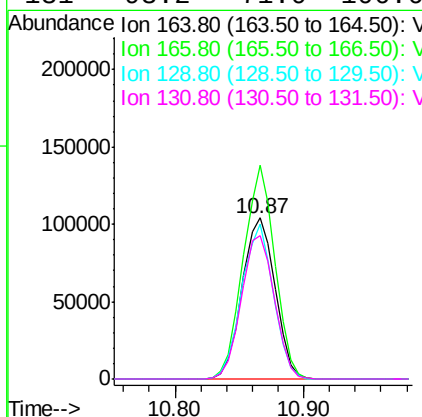
Manual Integrations
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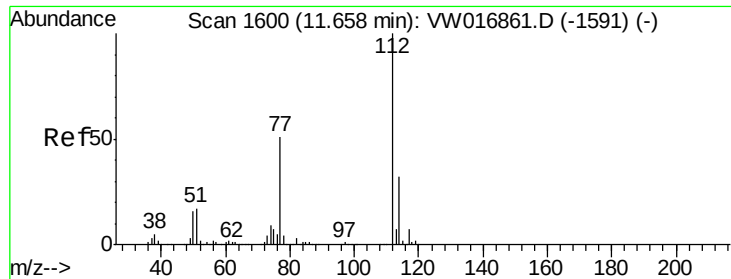
MMDadoda
10/12/2020 4:20:44 PM



#64
Tetrachloroethene
Concen: 50.314 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	178357		
166	136.0		105.3	157.9
129	97.9		68.8	103.2
131	93.2		71.0	106.6





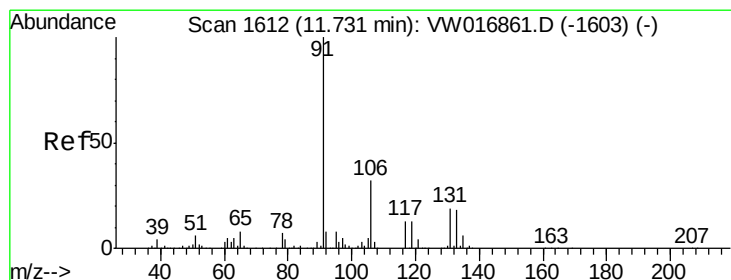
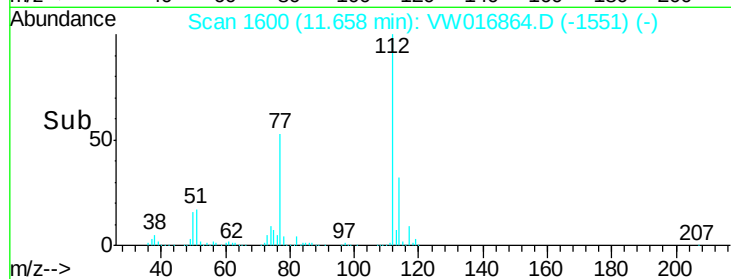
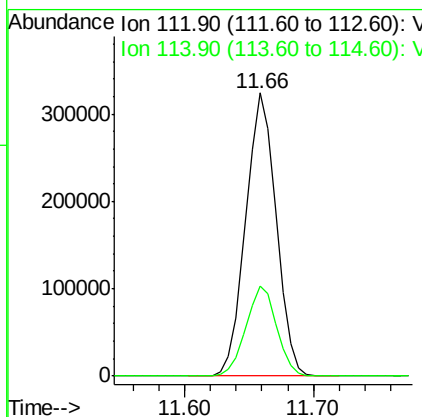
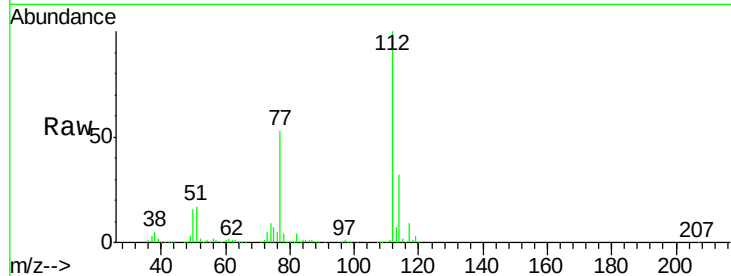
#65
Chlorobenzene
Concen: 52.961 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion	Ratio	Resp	Lower	Upper
112	100	516866		
114	31.2	25.3	37.9	

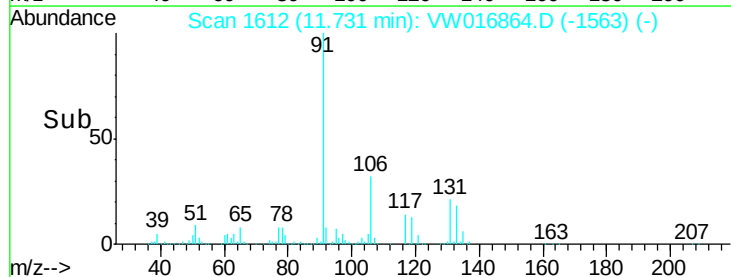
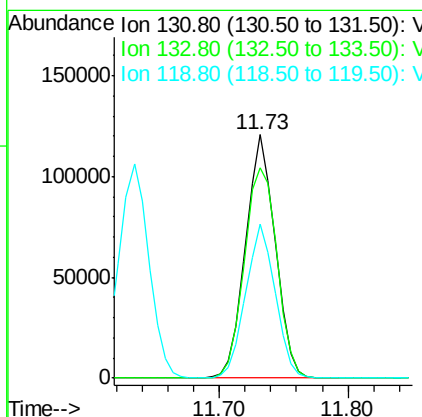
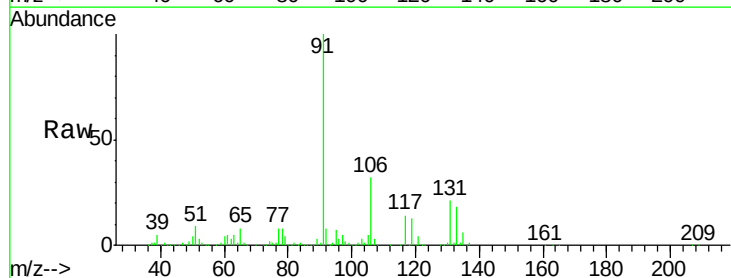
Manual Integrations
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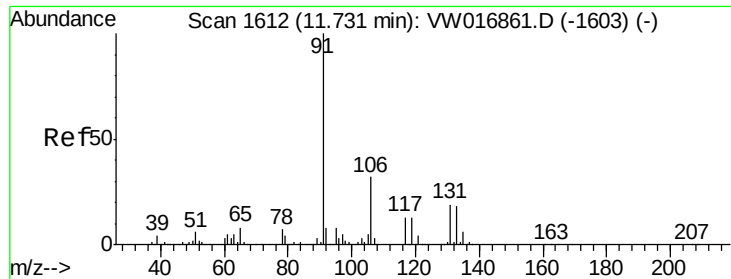
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.044 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	189975		
133	95.6	48.1	144.3	
119	62.2	32.5	97.4	





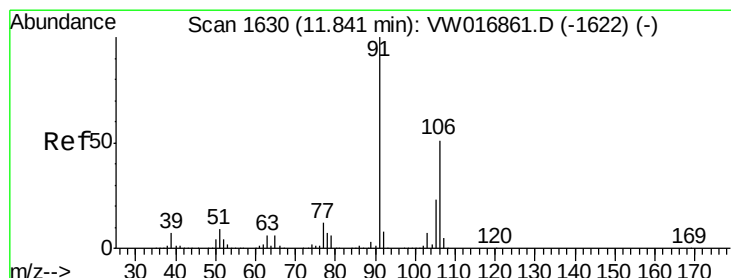
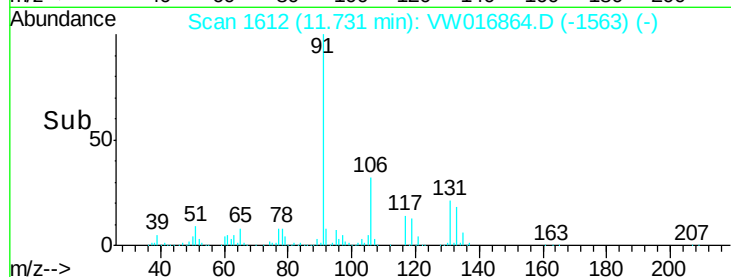
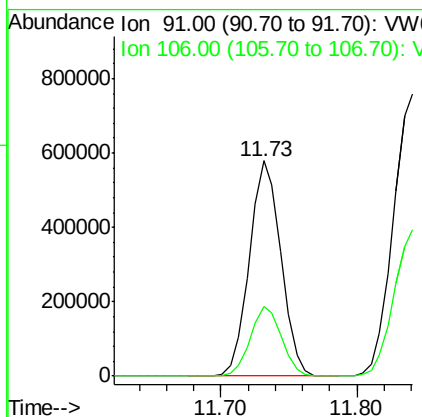
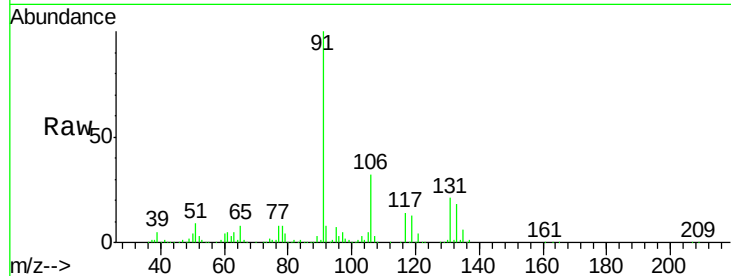
#67
Ethyl Benzene
Concen: 53.633 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.9	38.9

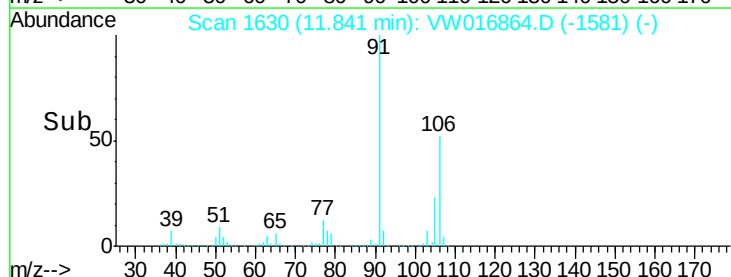
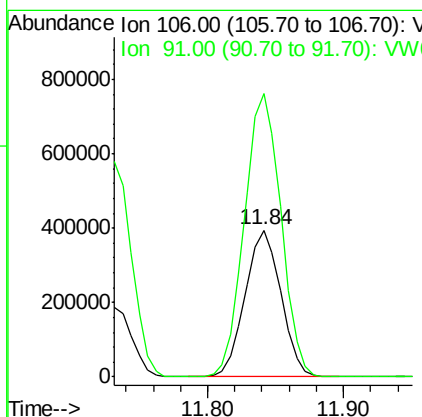
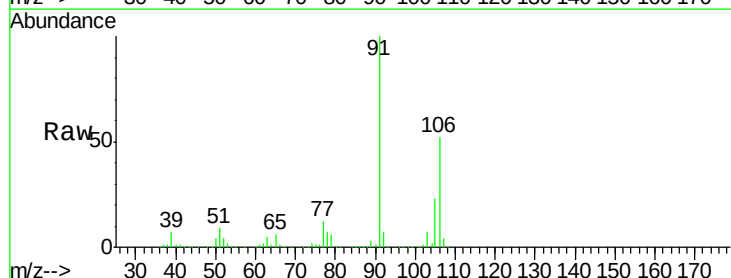
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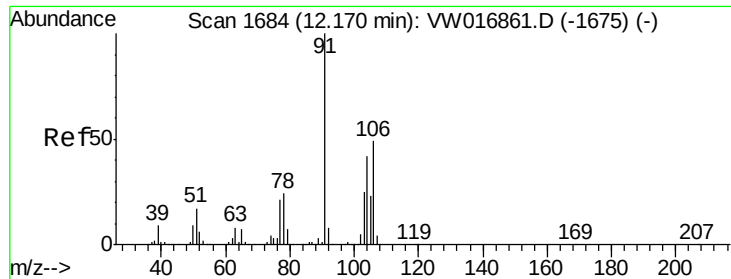
MMDadoda
10/12/2020 4:20:44 PM



#68
m/p-Xylenes
Concen: 107.658 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Lower	Upper
106	100		
91	194.1	157.4	236.0





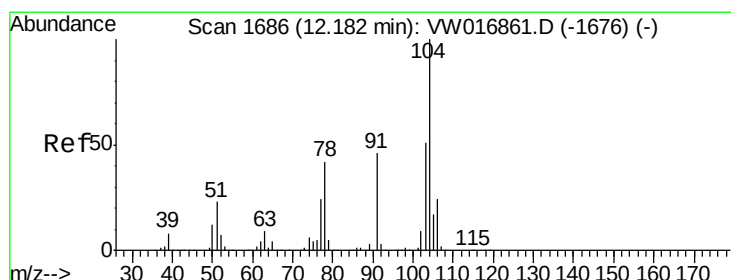
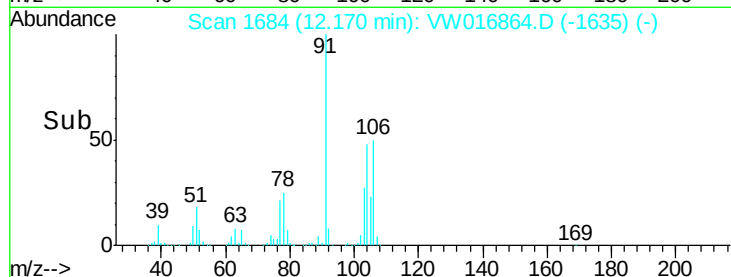
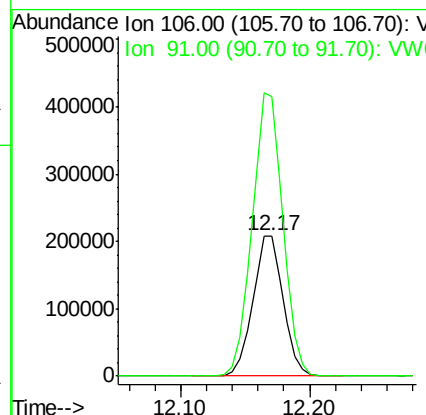
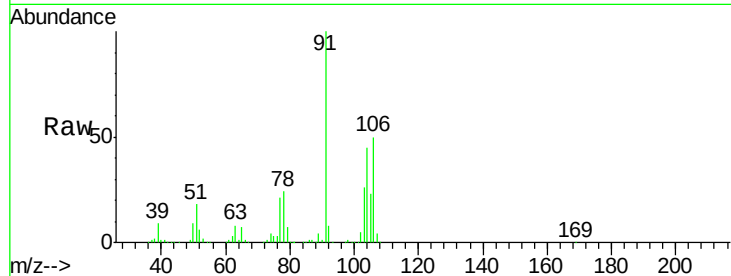
#69
o-Xylene
Concen: 54.937 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	205.2	103.6	310.9	

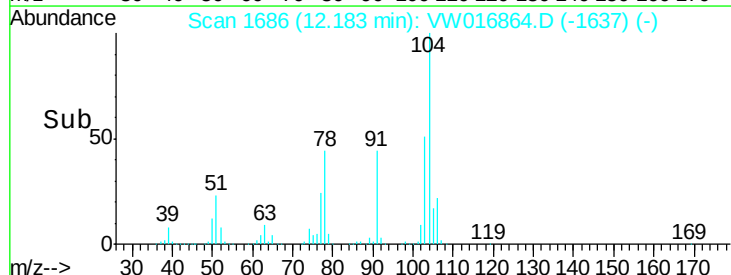
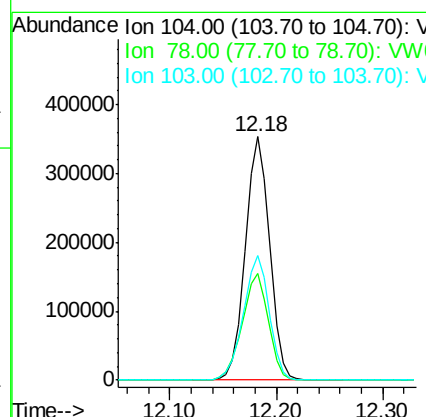
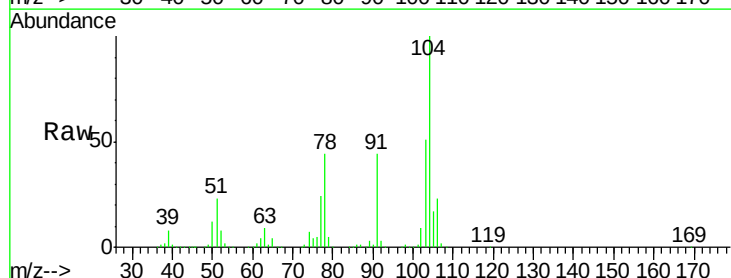
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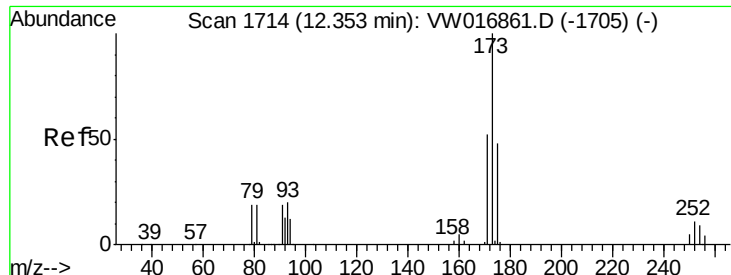
MMDadoda
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#70
Styrene
Concen: 55.813 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.0	37.6	56.4	
103	54.1	43.6	65.4	





#71

Bromoform

Concen: 58.034 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

MSVOA_W

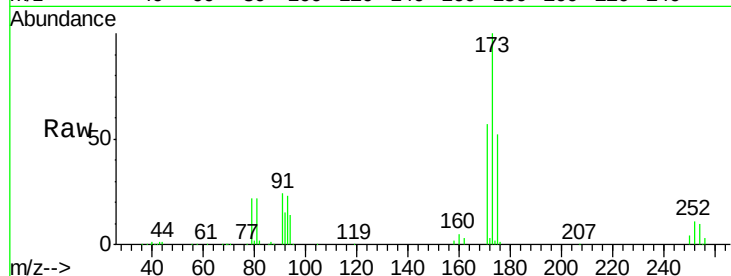
ClientSampleId :

ICVW101020

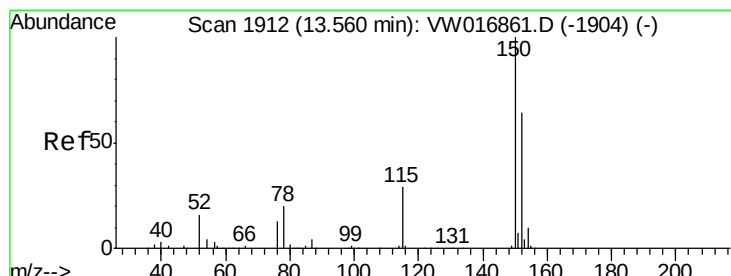
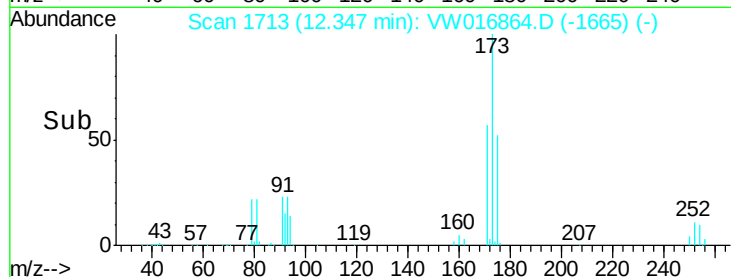
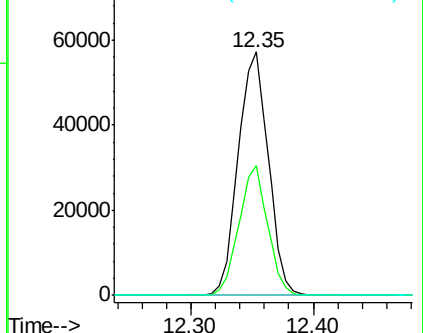
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.7	74.1
254	0.1	0.1	0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

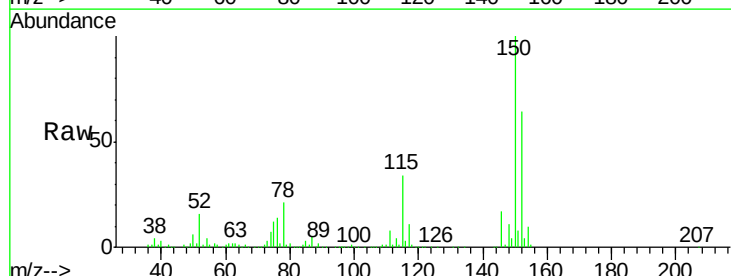
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

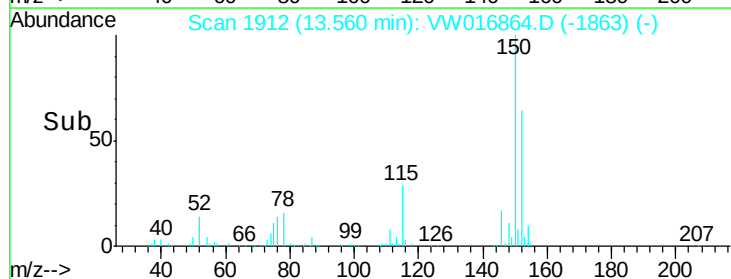
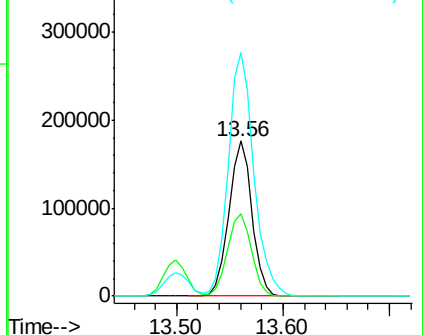
Lab File: VW016864.D

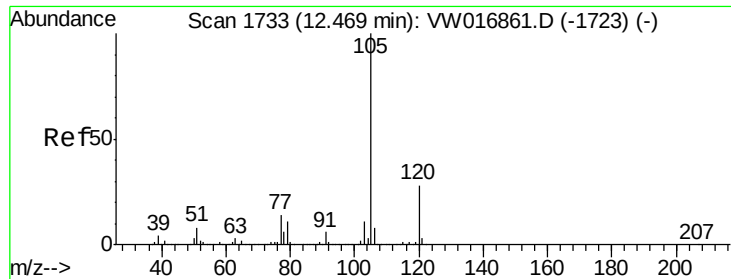
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.9	83.7
150	171.7	0.0	344.0



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





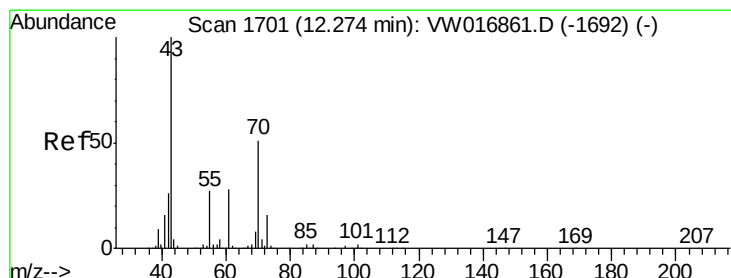
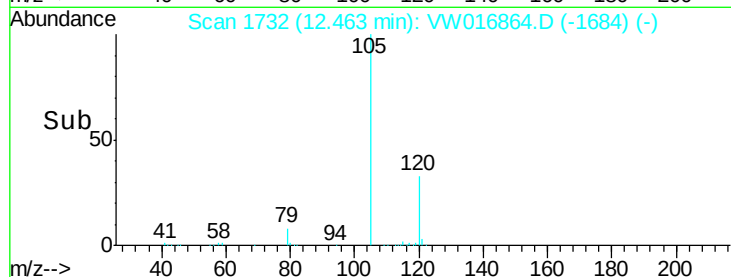
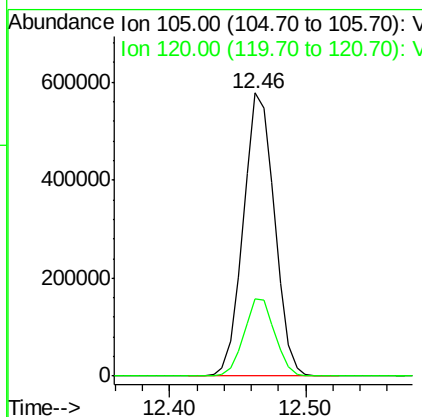
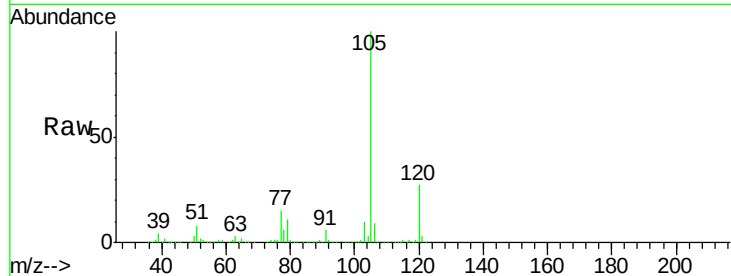
#73
Isopropylbenzene
Concen: 54.280 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.6	40.7

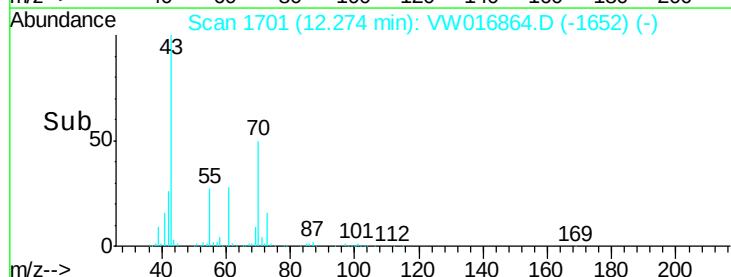
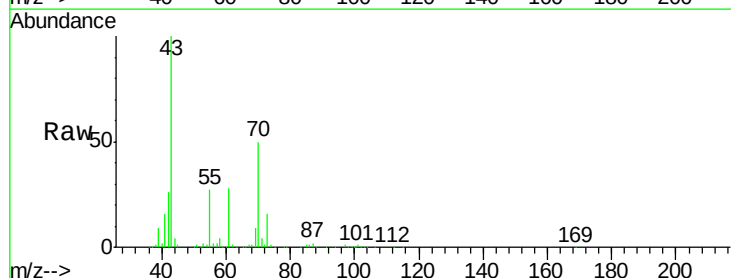
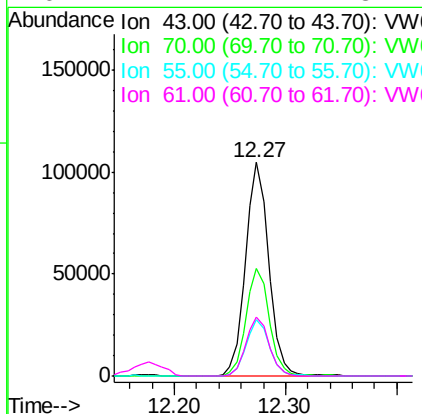
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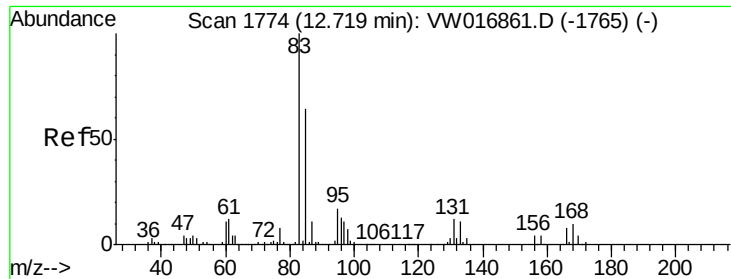
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#74
N-ethyl acetate
Concen: 59.326 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Lower	Upper
43	100		
70	50.4	40.2	60.4
55	26.5	21.4	32.0
61	27.1	21.4	32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.486 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

MSVOA_W

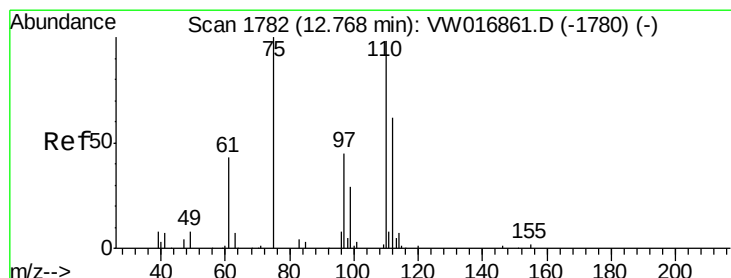
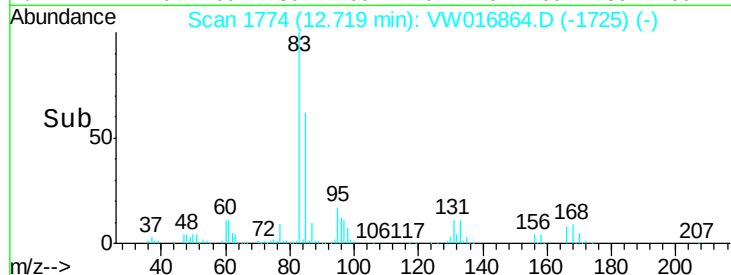
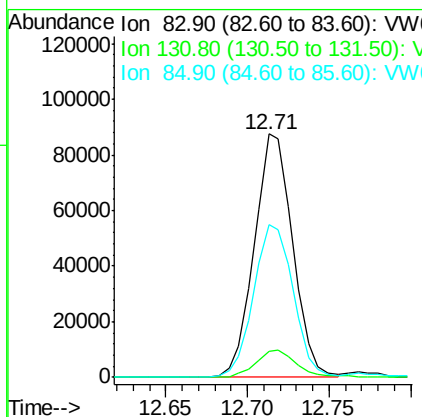
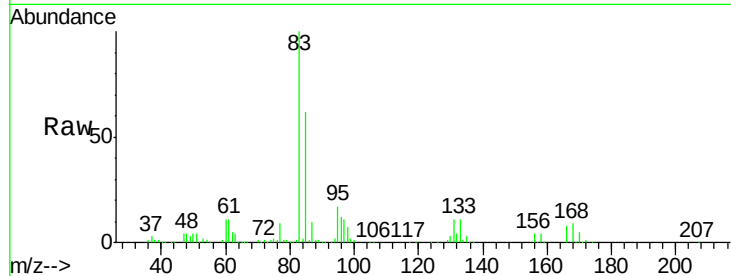
ClientSampleId :

ICVW101020

Tot Ion:	83	Resp:	147737
Ion Ratio	Lower	Upper	
83	100		
131	11.7	6.1	18.3
85	65.1	32.7	98.1

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#76

1,2,3-Trichloropropane

Concen: 53.850 ug/l m

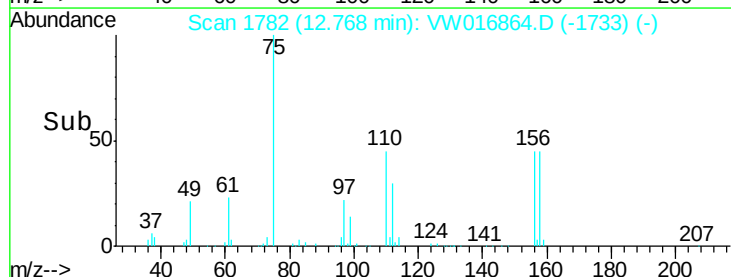
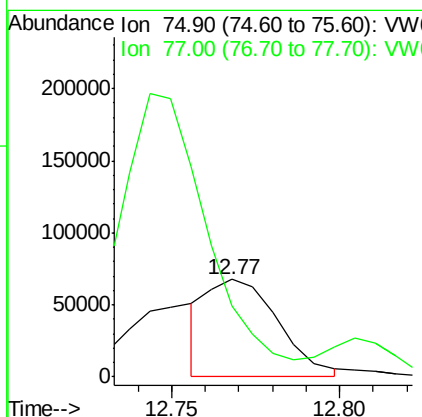
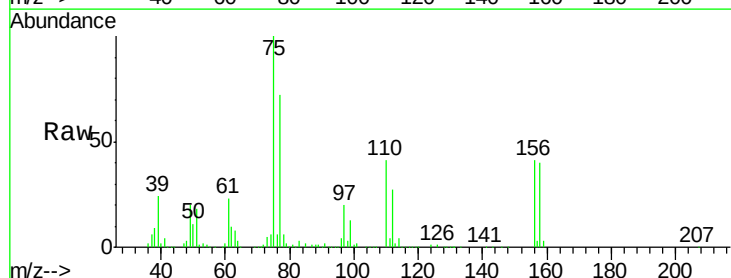
RT: 12.77 min Scan# 1782

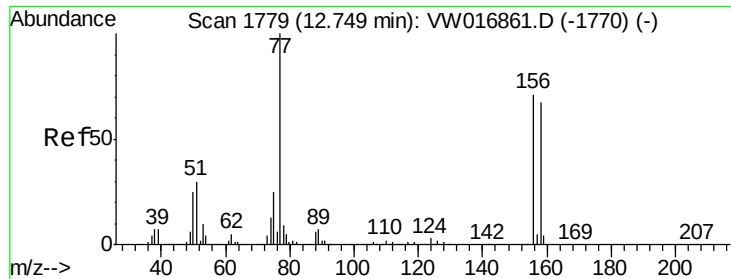
Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Tgt Ion:	75	Resp:	102588
Ion Ratio	Lower	Upper	
75	100		
77	349.7	178.8	536.3





#77

Bromobenzene

Concen: 52.958 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

MSVOA_W

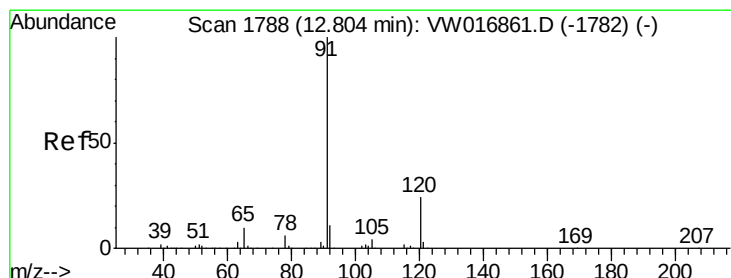
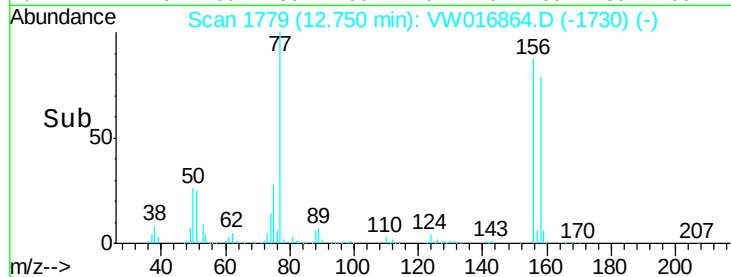
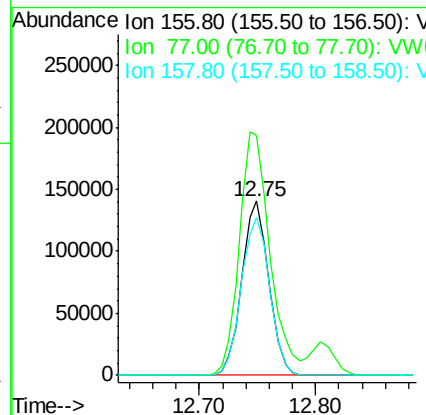
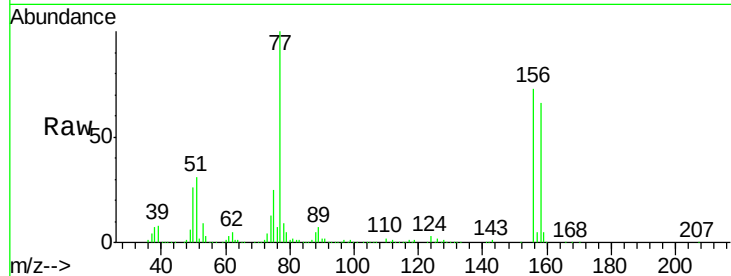
ClientSampleId :

ICVW101020

Tot Ion:	156	Resp:	222149
Ion Ratio	Lower	Upper	
156	100		
77	161.5	79.0	237.2
158	97.8	47.0	141.2

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#78

n-propylbenzene

Concen: 54.065 ug/l

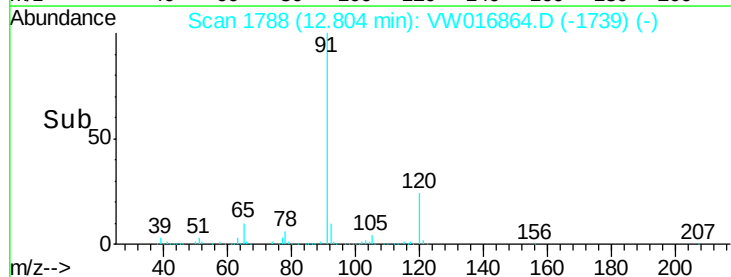
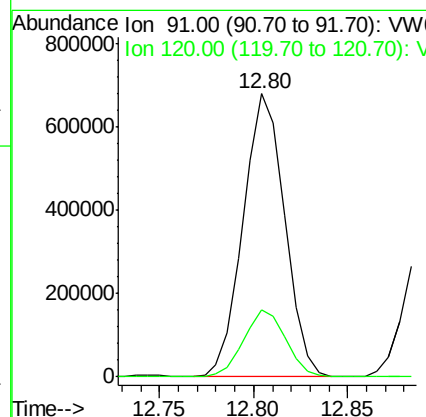
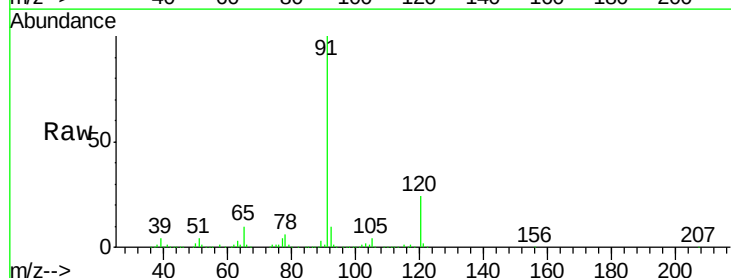
RT: 12.80 min Scan# 1788

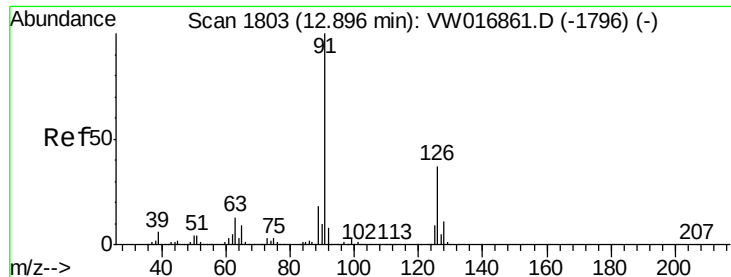
Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Tgt Ion:	91	Resp:	1058068
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.0	36.1





#79

2-Chlorotoluene

Concen: 54.016 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

ICVW101020

Tot Ion: 91 Resp: 603034

Ion Ratio Lower Upper

91 100

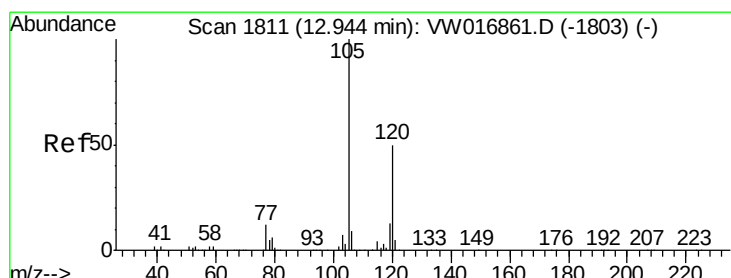
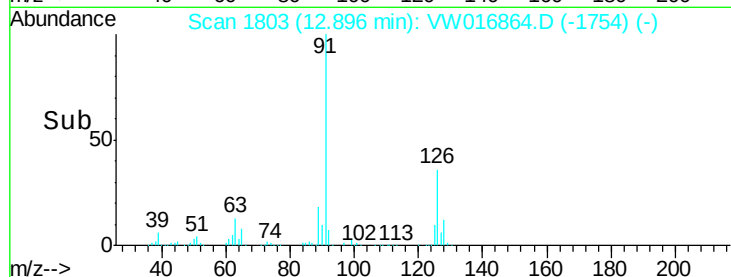
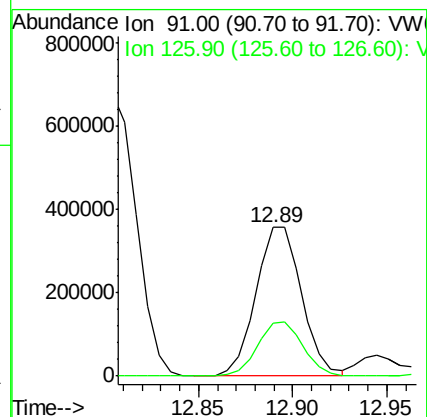
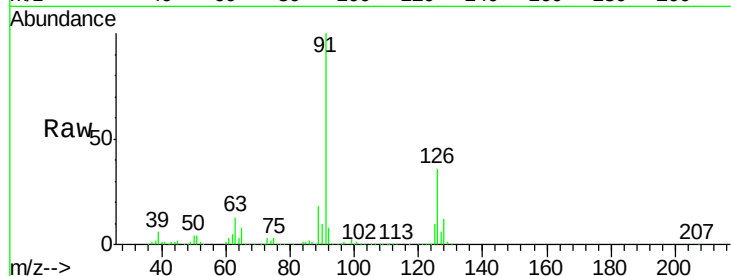
126 35.6 17.9 53.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 54.804 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016864.D

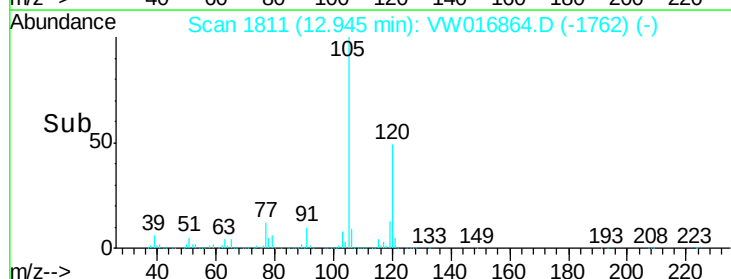
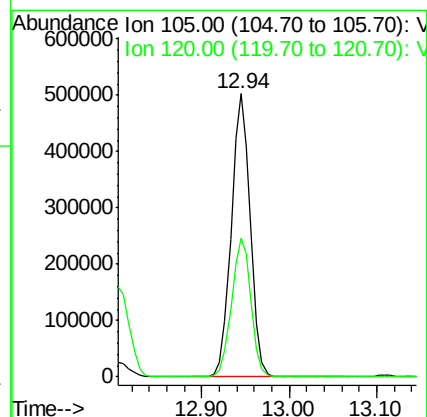
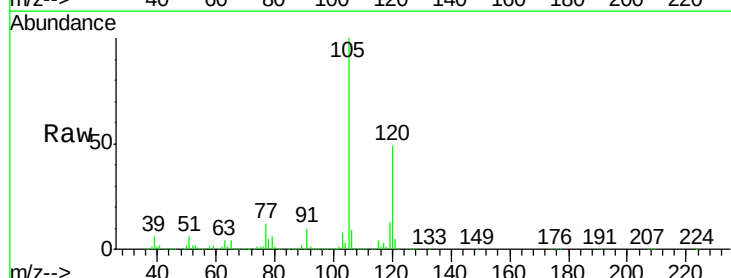
Acq: 09 Oct 2020 16:57

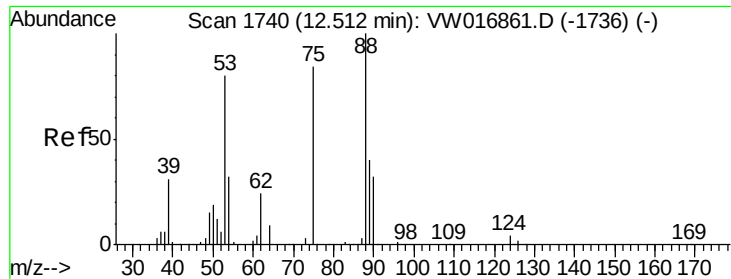
Tgt Ion: 105 Resp: 779400

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.8





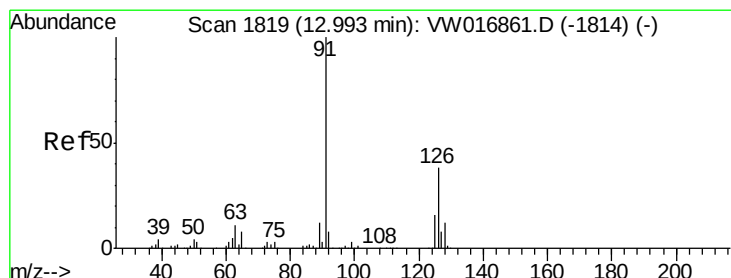
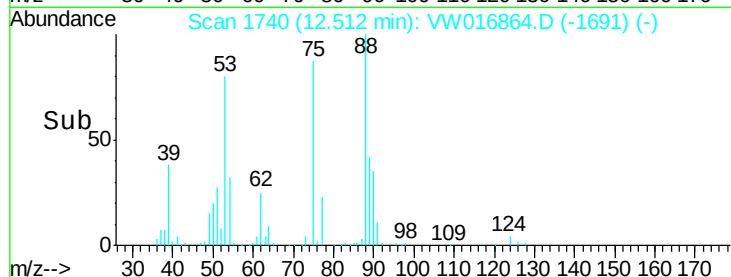
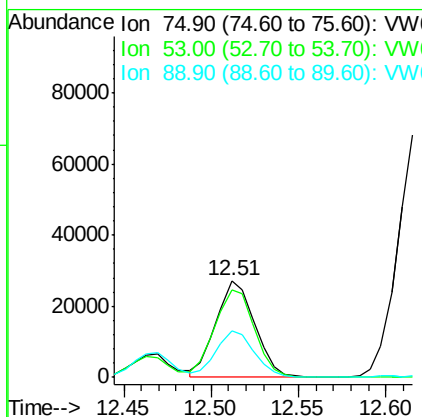
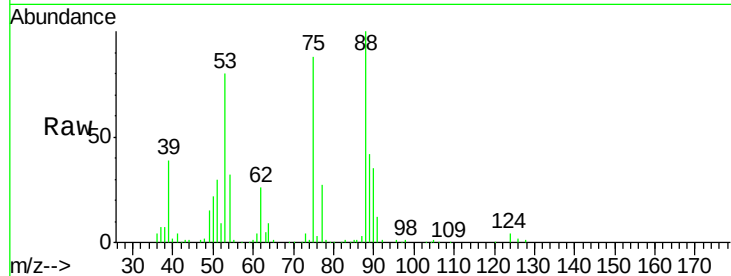
#81
trans-1,4-Dichloro-2-butene
Concen: 60.052 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.5	77.0	115.4
89	49.0	38.7	58.1

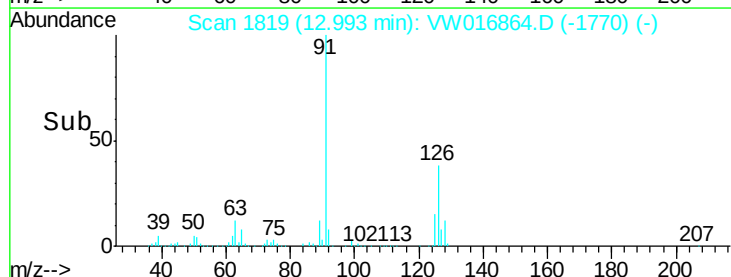
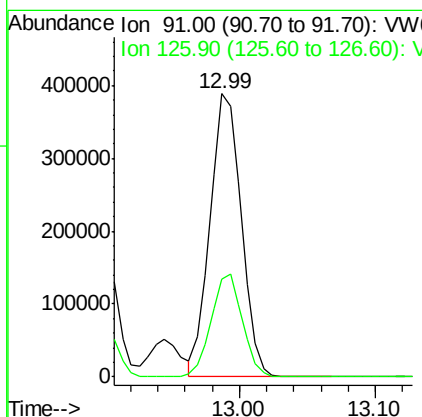
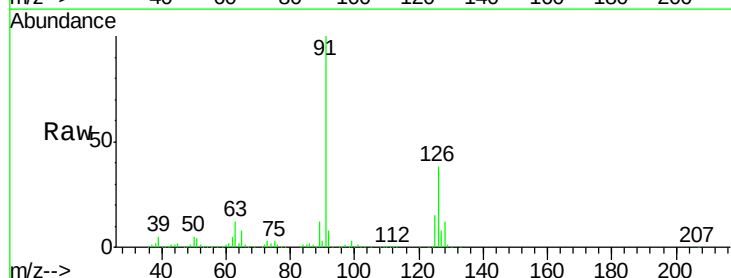
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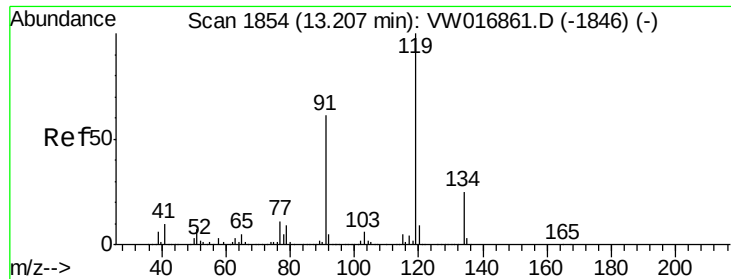
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#82
4-Chlorotoluene
Concen: 54.357 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	18.1	54.3





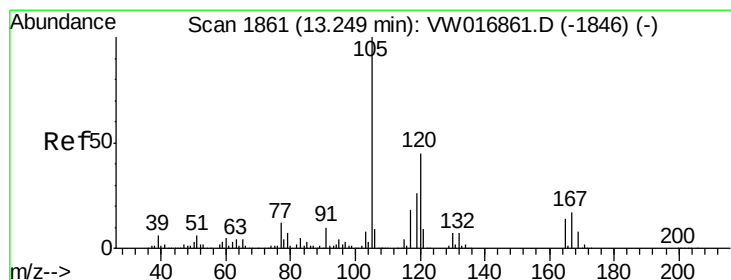
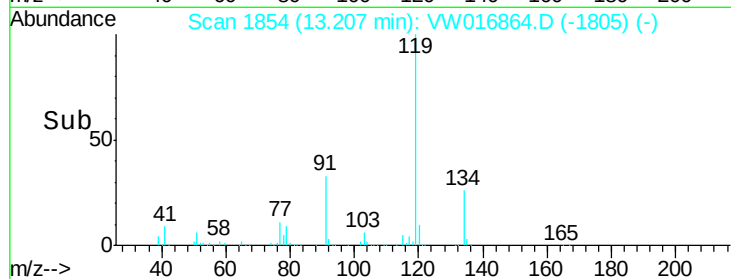
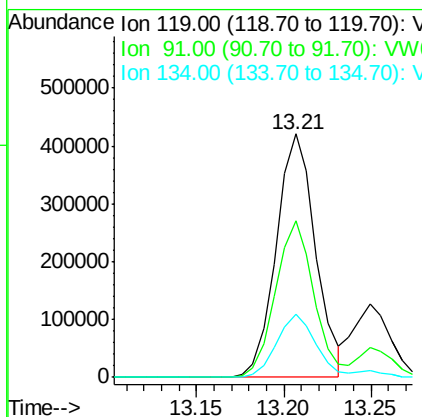
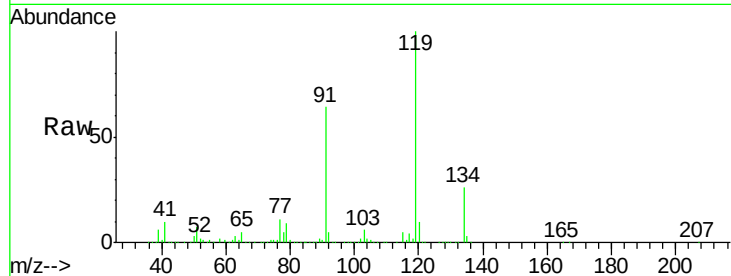
#83
 tert-Butylbenzene
 Concen: 54.941 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	678615		
91	63.8		31.3	93.9
134	26.1		14.0	42.0

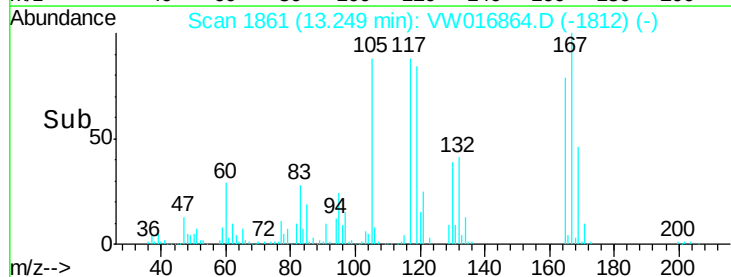
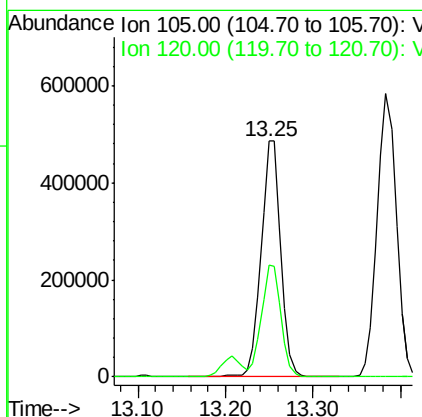
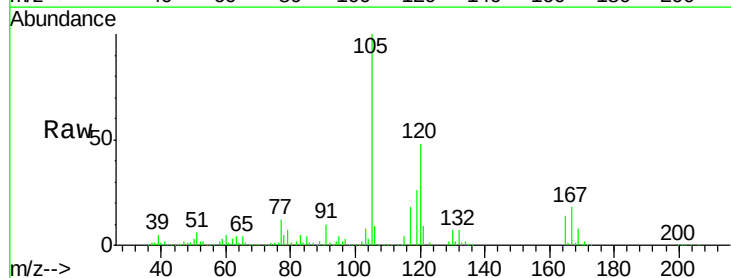
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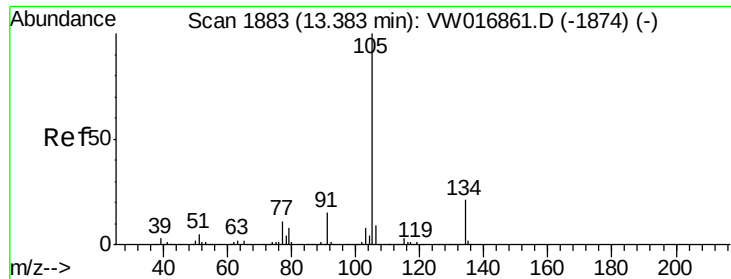
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.814 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	776758		
120	46.4		23.4	70.0





#85

sec-Butylbenzene

Concen: 54.084 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

ICVW101020

Tot Ion:105 Resp: 929860

Ion Ratio Lower Upper

105 100

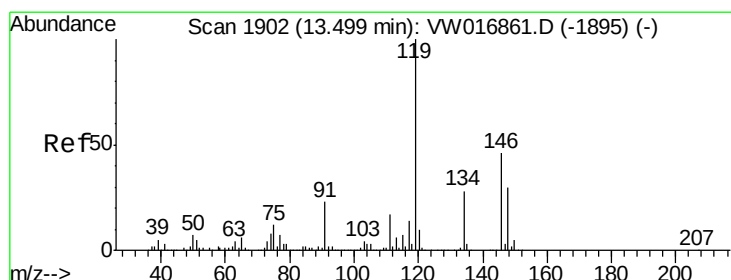
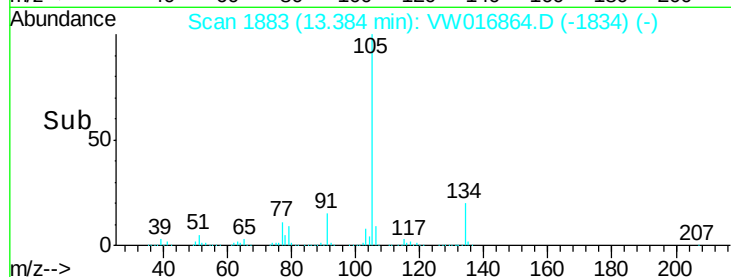
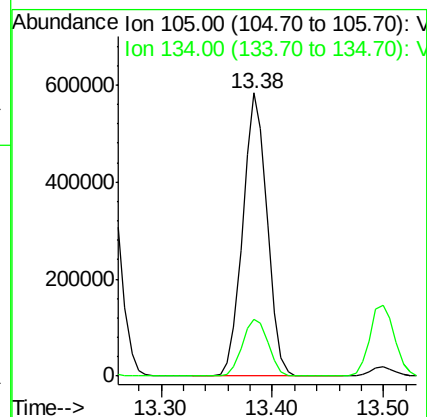
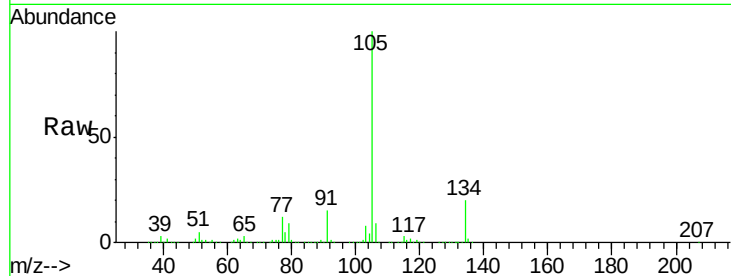
134 21.7 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 55.487 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

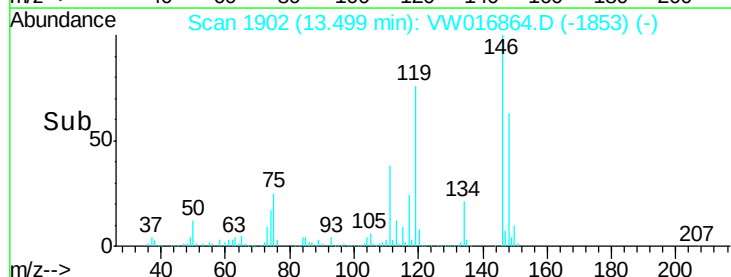
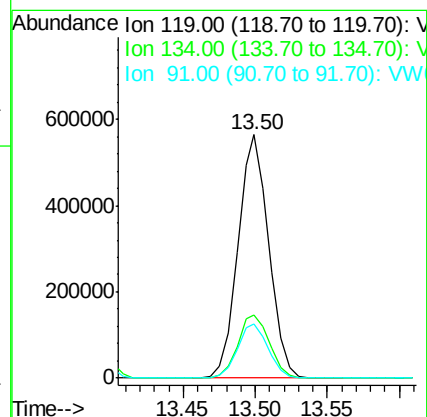
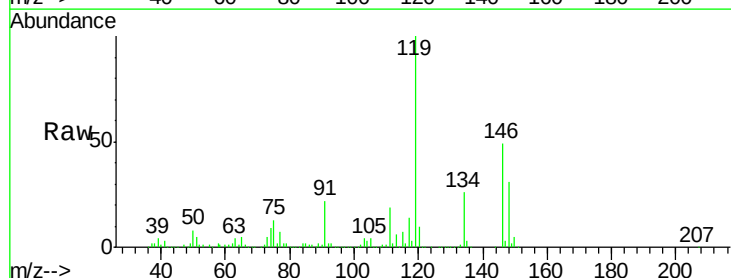
Tgt Ion:119 Resp: 888325

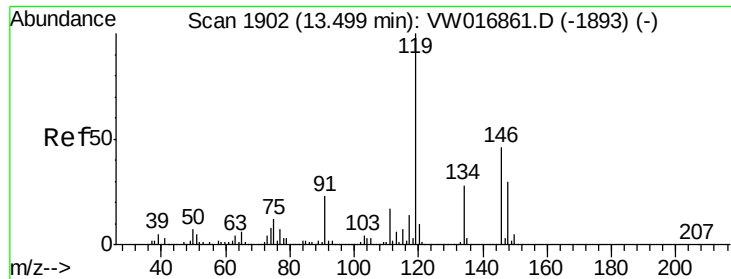
Ion Ratio Lower Upper

119 100

134 26.2 13.8 41.3

91 22.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 54.008 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

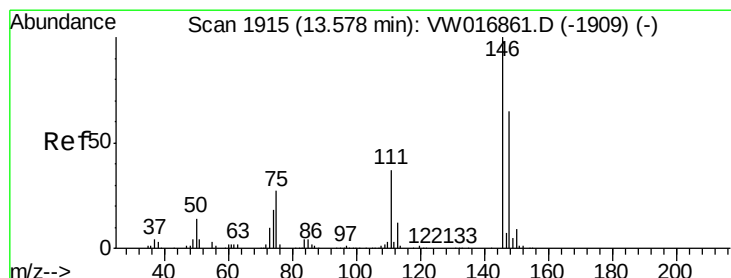
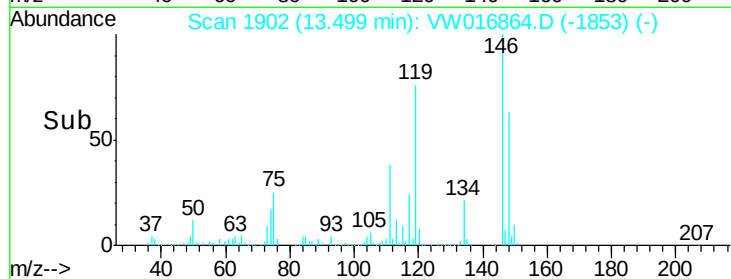
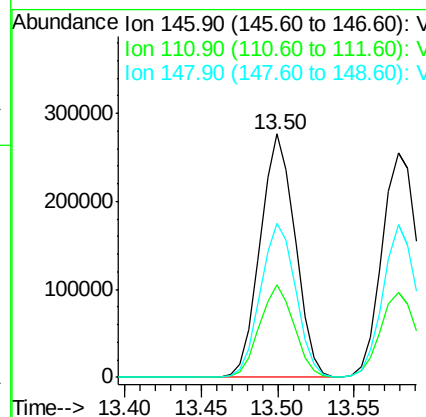
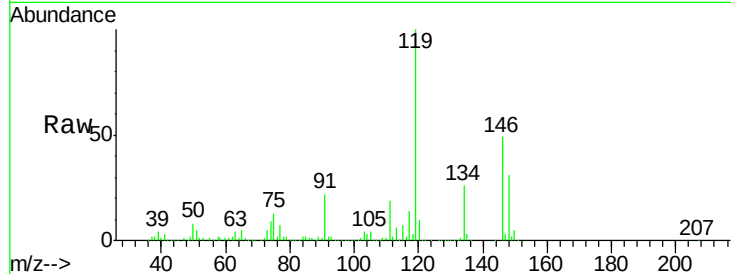
Instrument :
MSVOA_W

ClientSampleId :
ICVW101020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	438108		
111	38.0		19.1	57.5
148	63.3		32.5	97.4

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#88

1,4-Dichlorobenzene

Concen: 53.045 ug/l

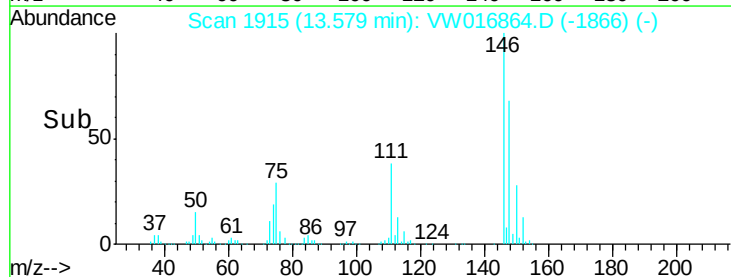
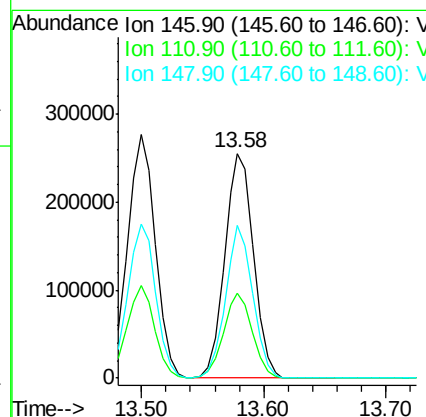
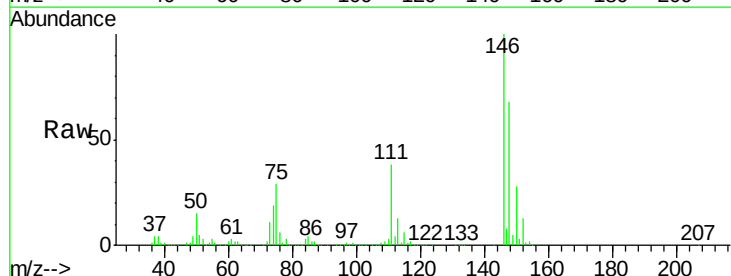
RT: 13.58 min Scan# 1915

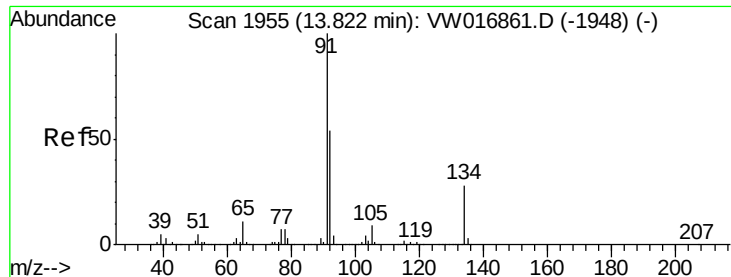
Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	424031		
111	37.1		18.5	55.5
148	63.8		31.8	95.4





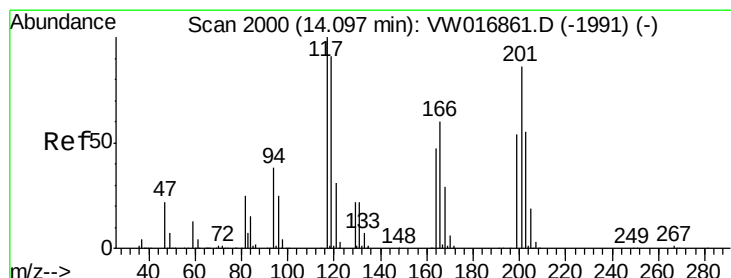
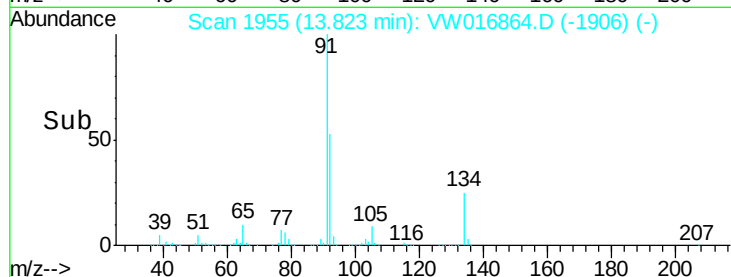
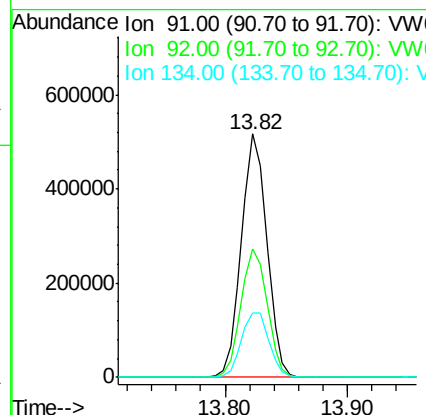
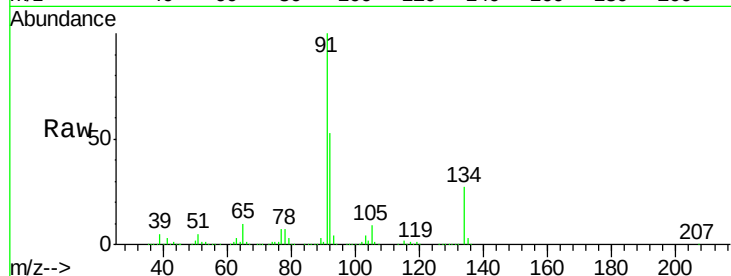
#89
n-Butylbenzene
Concen: 54.656 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	26.6	79.7
134	28.8	14.3	42.9

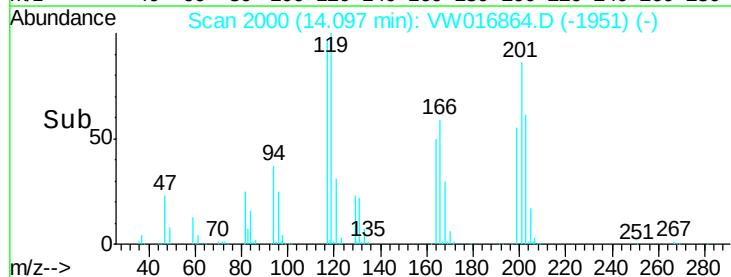
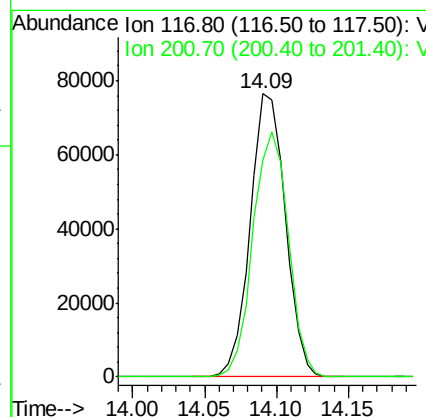
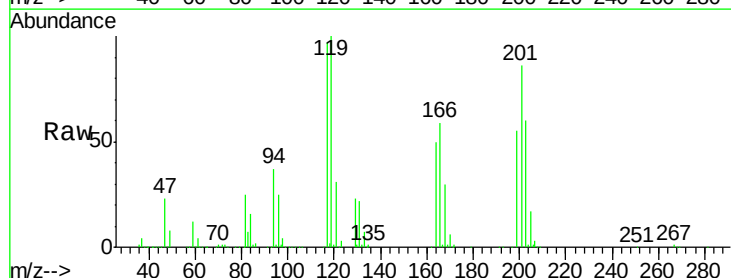
Manual Integrations
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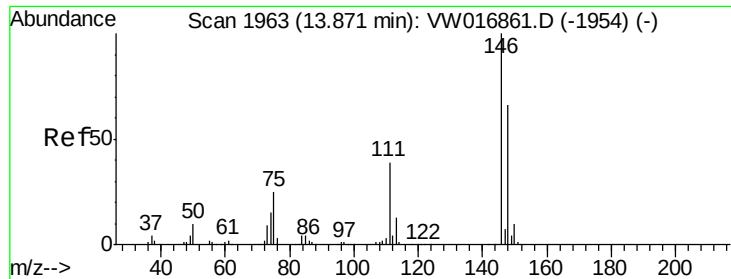
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#90
Hexachloroethane
Concen: 56.043 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.2	41.9	125.7





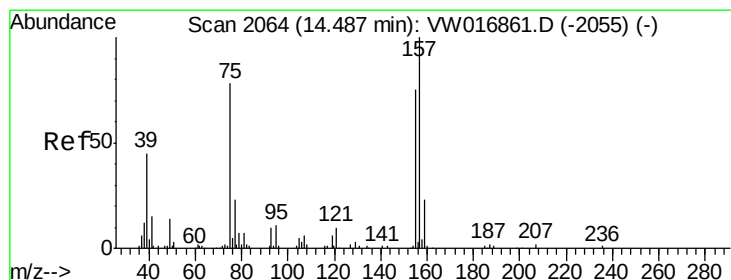
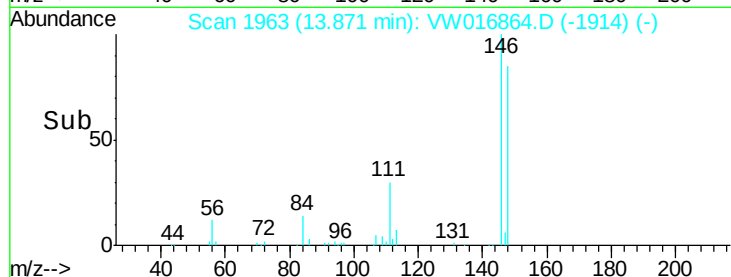
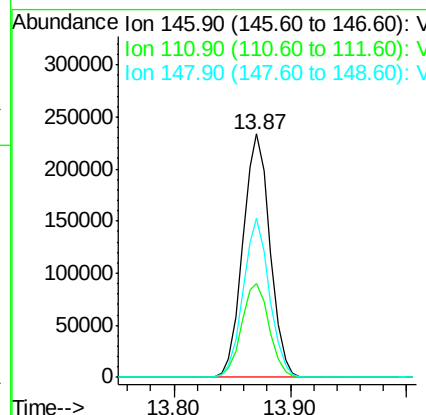
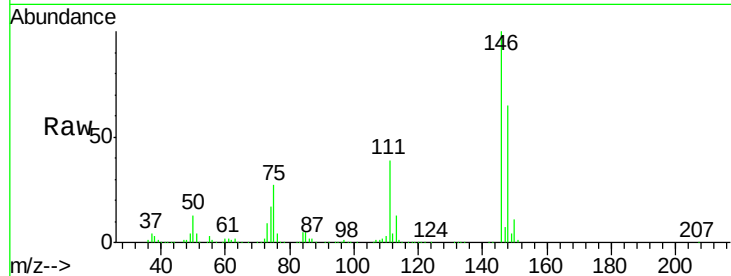
#91
 1,2-Dichlorobenzene
 Concen: 56.268 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	393819		
111	38.2		20.1	60.3
148	62.7		33.1	99.3

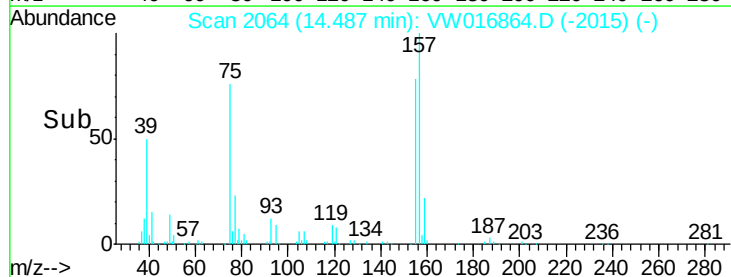
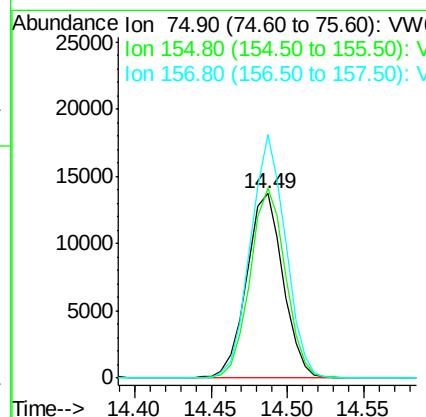
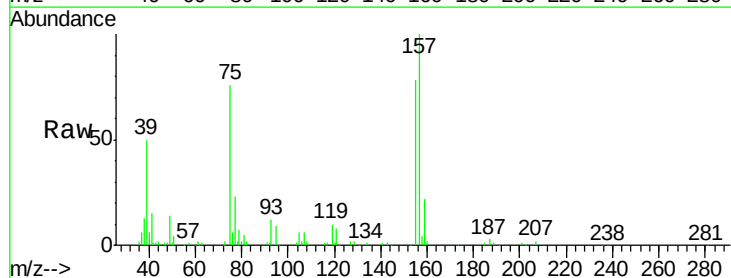
Manual Integrations
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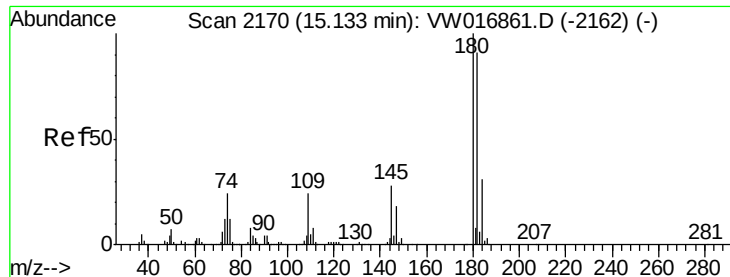
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 10/12/2020 4:20:44 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.261 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23756		
155	98.9		47.6	142.8
157	122.4		62.2	186.6





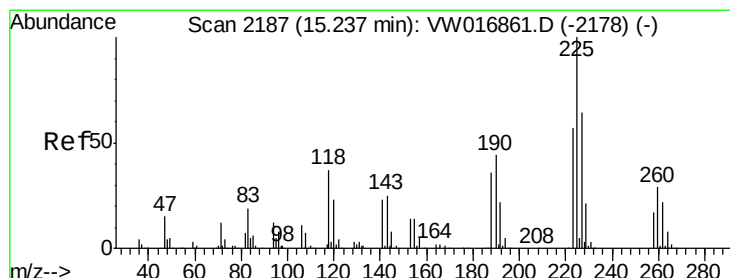
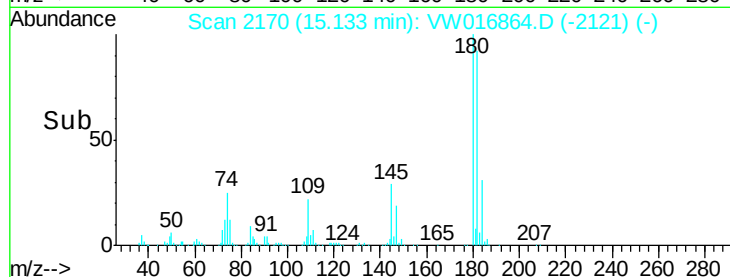
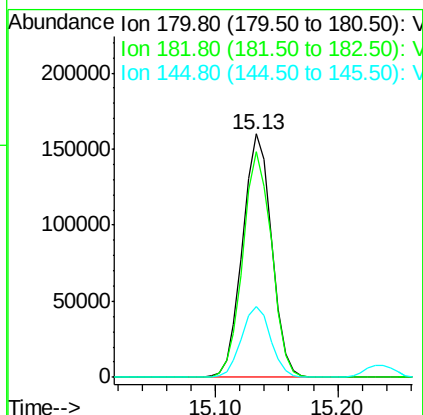
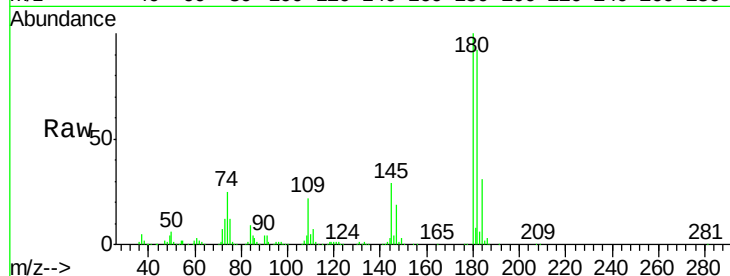
#93
 1,2,4-Trichlorobenzene
 Concen: 58.331 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	281694		
182	96.3	48.3	144.9	
145	29.9	14.9	44.5	

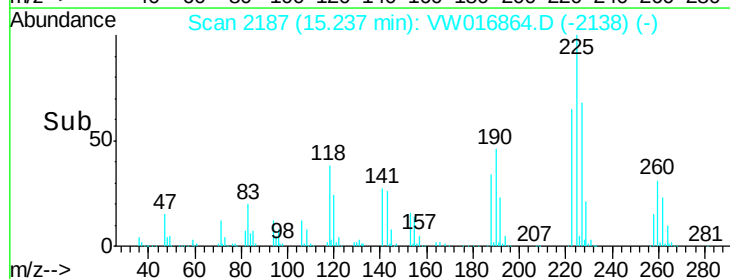
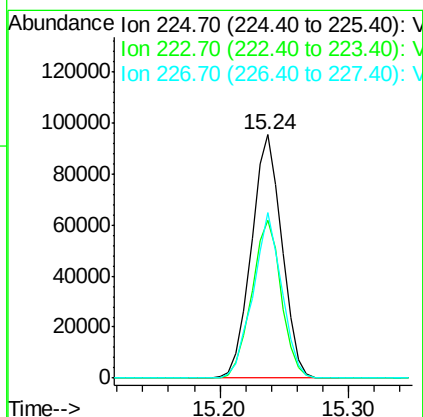
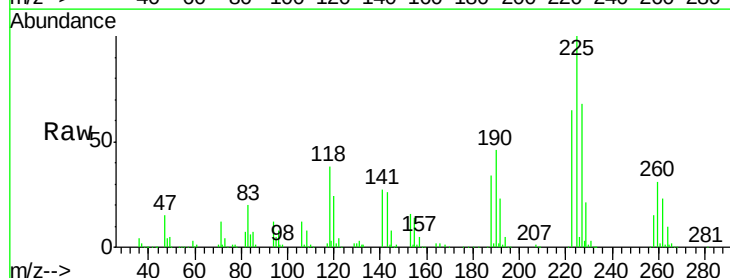
Manual Integrations
 APPROVED

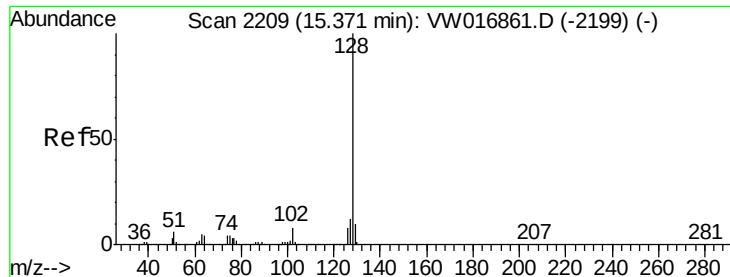
MMDadoda
 10/12/2020 4:20:44 PM



#94
 Hexachlorobutadiene
 Concen: 53.422 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	167240		
223	65.9	31.9	95.7	
227	65.6	33.0	99.0	





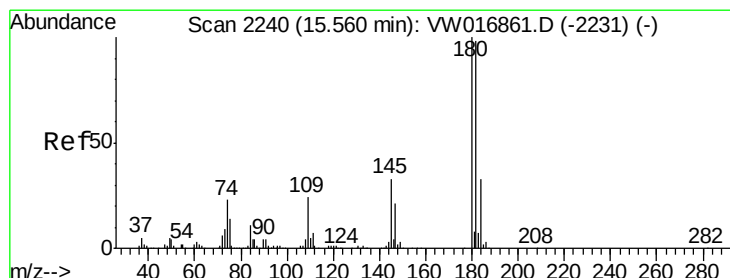
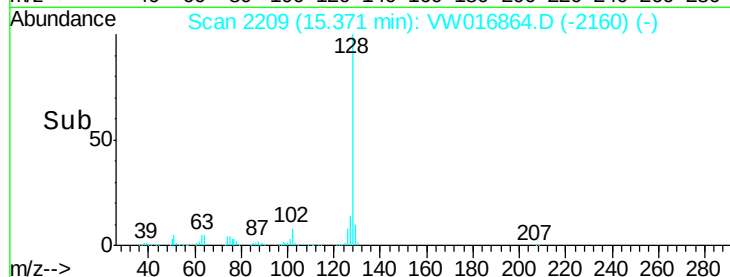
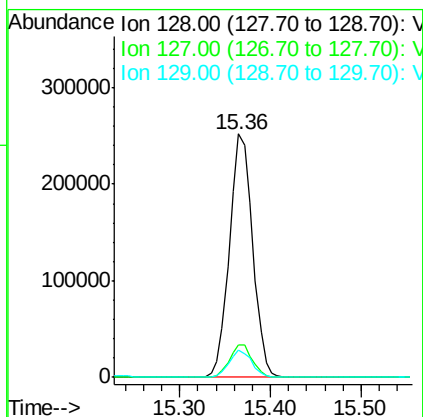
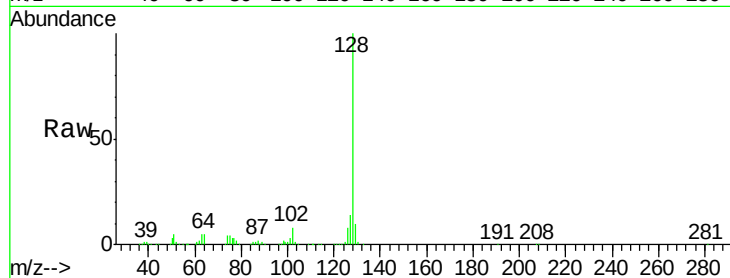
#95
Naphthalene
Concen: 62.242 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	488516		
127	13.1		10.4	15.6
129	10.9		8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/12/2020 4:20:44 PM



#96
1,2,3-Trichlorobenzene
Concen: 58.300 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	244931		
182	96.9		49.4	148.2
145	31.2		16.3	48.9

