

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090420\
 Data File : VW016461.D
 Acq On : 04 Sep 2020 13:43
 Operator : SY/VA
 Sample : MDL03
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 10:14:38 AM

Quant Time: Sep 08 01:08:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 08 00:55:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	751462	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	681138	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	325084	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	183237	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.92%
7) Chloroethane-d5	2.90	69	170361	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.20%
10) 1,1-Dichloroethene-d2	4.03	63	302026	16.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.92%
20) 2-Butanone-d5	7.08	46	135462	47.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.14%
24) Chloroform-d	7.65	84	417409	23.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	8.31	65	236372m	24.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.24%
29) Benzene-d6	8.28	84	846964	24.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.84%
33) 1,2-Dichloropropane-d6	9.28	67	245150	24.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.40%
37) Toluene-d8	10.33	98	818691	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.48%
38) trans-1,3-Dichloropropene-	10.58	79	123333	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.12%
39) 2-Hexanone-d5	10.93	63	105877	50.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	216104	25.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	282981	25.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	5213m	0.620	ug/L	
3) Chloromethane	2.21	50	4736	0.642	ug/L	92
5) Vinyl chloride	2.37	62	8168m	0.869	ug/L	
6) Bromomethane	2.79	94	4904	0.698	ug/L	95
8) Chloroethane	2.94	64	4407	0.762	ug/L #	71
9) Trichlorofluoromethane	3.26	101	4871	0.633	ug/L	95
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	9345m	1.026	ug/L	
12) 1,1-Dichloroethene	4.04	96	9066m	0.979	ug/L	
13) Acetone	4.12	43	5363m	2.935	ug/L	
14) Carbon disulfide	4.39	76	18054	0.638	ug/L	98
15) Methyl Acetate	4.68	43	2932m	0.662	ug/L	
16) Methylene chloride	4.92	84	24952	2.128	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	10543	0.759	ug/L #	74
18) trans-1,2-Dichloroethene	5.43	96	6889m	0.700	ug/L	
19) 1,1-Dichloroethane	6.23	63	10936	0.653	ug/L	93
21) 2-Butanone	7.13	43	10491m	3.420	ug/L	
22) cis-1,2-Dichloroethene	7.18	96	7390	0.721	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	7.52	128	3341	0.703	ug/L	89
25) Chloroform	7.68	83	14021m	0.809	ug/L	
27) 1,2-Dichloroethane	8.41	62	8541	0.740	ug/L	100
30) Cyclohexane	7.96	56	10761	0.661	ug/L #	92
31) 1,1,1-Trichloroethane	7.87	97	10651	0.722	ug/L	96
32) Carbon tetrachloride	8.07	117	9456	0.670	ug/L	95
34) Benzene	8.32	78	24221	0.650	ug/L	100
35) Trichloroethene	9.10	95	7301	0.708	ug/L	97
36) Methylcyclohexane	9.34	83	11571	0.641	ug/L	91
40) 1,2-Dichloropropane	9.37	63	6601	0.717	ug/L	100
41) Bromodichloromethane	9.65	83	9240	0.718	ug/L	87
42) cis-1,3-Dichloropropene	10.07	75	10880	0.696	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	16556	2.539	ug/L	93
44) Toluene	10.39	91	28719	0.689	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	8910m	0.638	ug/L	
46) 1,1,2-Trichloroethane	10.79	97	5480	0.751	ug/L	95
47) Tetrachloroethene	10.87	164	5914	0.715	ug/L	94
49) 2-Hexanone	10.97	43	5640	1.242	ug/L #	88
50) Dibromochloromethane	11.13	129	6183	0.670	ug/L	96
51) 1,2-Dibromoethane	11.24	107	5068	0.695	ug/L	97
52) Chlorobenzene	11.66	112	18538	0.701	ug/L	95
53) Ethylbenzene	11.73	91	31788	0.677	ug/L	95
54) m,p-Xylene	11.84	106	12749	0.711	ug/L	100
55) o-xylene	12.17	106	11572	0.677	ug/L	92
56) Styrene	12.18	104	18845	0.642	ug/L	93
57) Isopropylbenzene	12.47	105	33036	0.706	ug/L #	85
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	6755	0.776	ug/L #	84
59) 1,2,3-Trichloropropane	12.77	75	4523m	0.696	ug/L	
62) Bromoform	12.35	173	3752	0.688	ug/L #	91
63) 1,3-Dichlorobenzene	13.50	146	14114	0.690	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	14681	0.723	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	12220	0.672	ug/L #	83
66) 1,2-Dibromo-3-chloropropan	14.49	75	1280	0.756	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	9034	0.640	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	7170	0.588	ug/L	99
69) Naphthalene	15.36	128	14383	0.559	ug/L	96
70) 1,2,3-Trichlorobenzene	15.56	180	6440	0.615	ug/L	97

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

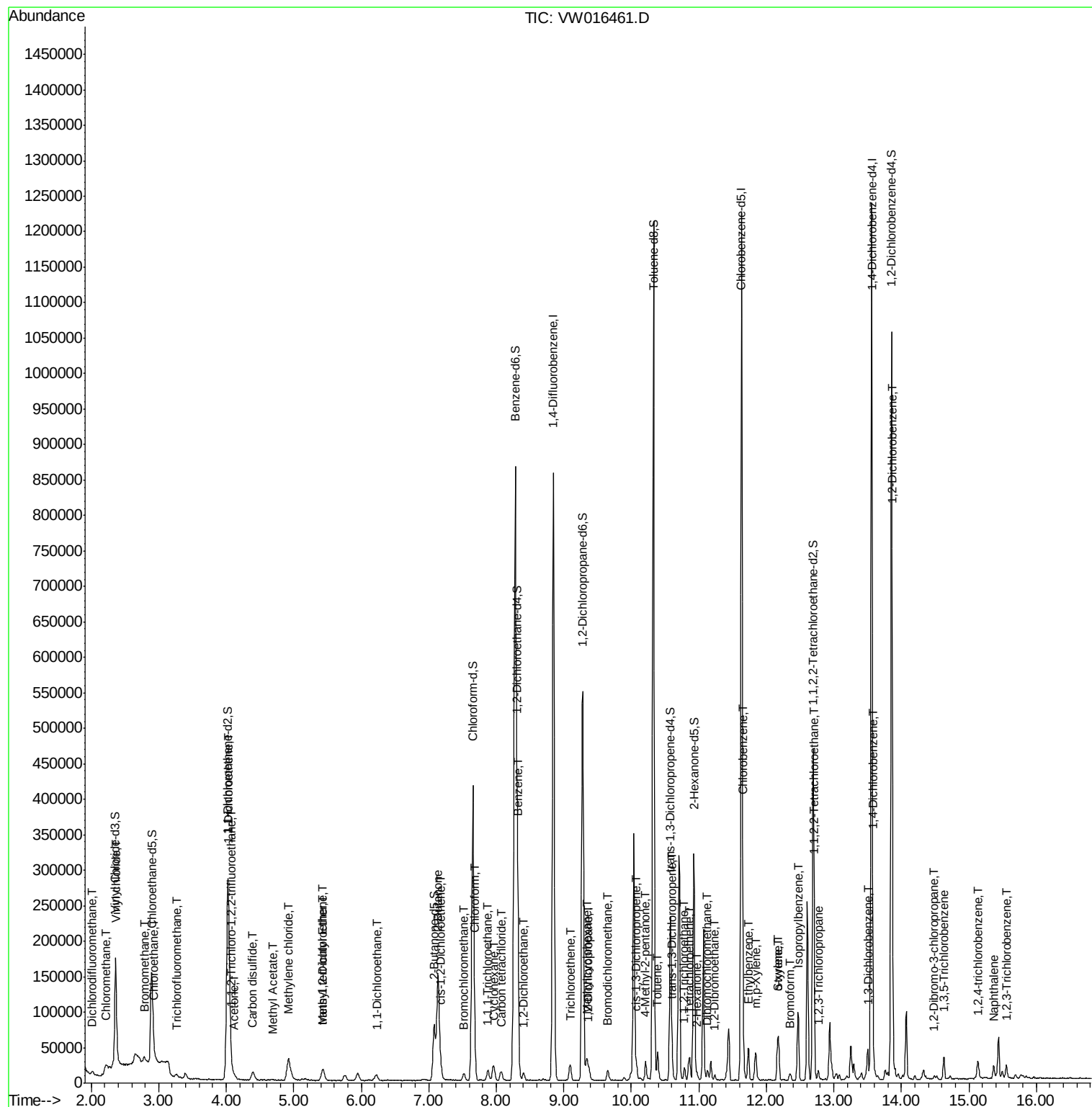
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090420\
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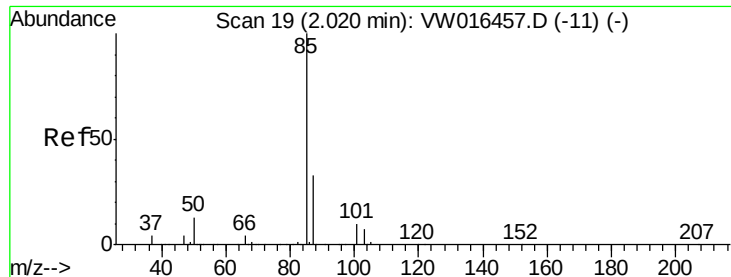
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#2

Dichlorodifluoromethane

Concen: 0.620 ug/L m

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW016461.D

Acq: 04 Sep 2020 13:43

Instrument :

MSVOA_W

ClientSampleId :

MDL03

Tot Ion: 85 Resp: 5213

Ion Ratio Lower Upper

85 100

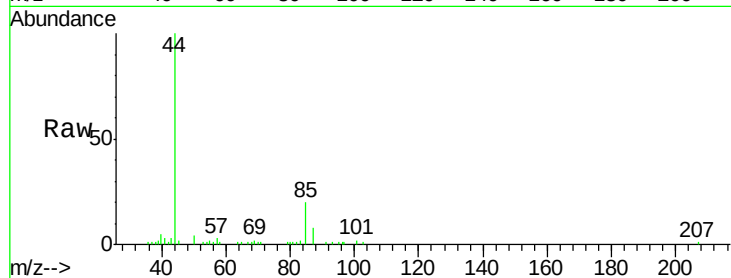
87 0.8 22.3 41.5#

Manual Integrations

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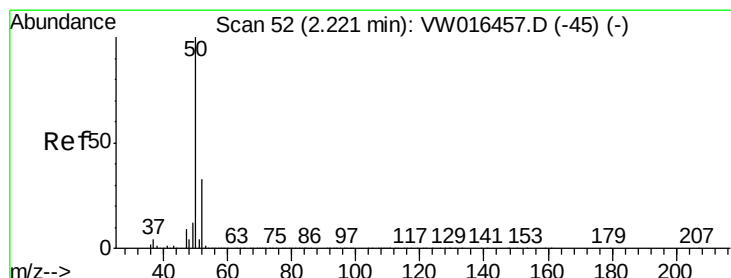
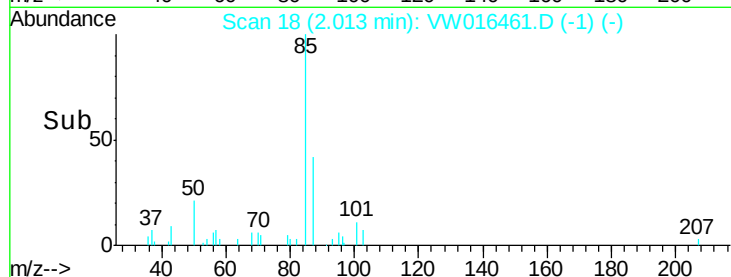
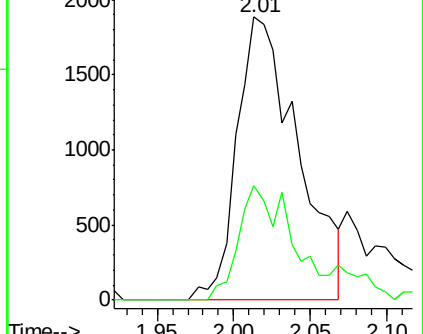
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Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 0.642 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW016461.D

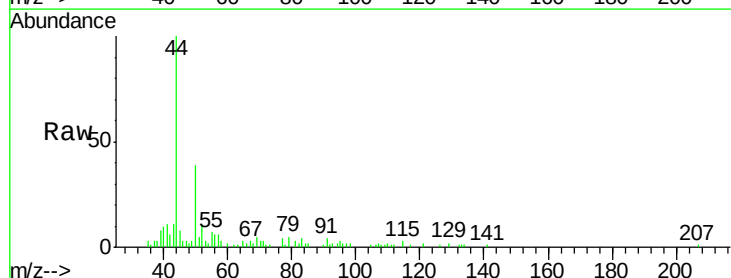
Acq: 04 Sep 2020 13:43

Tgt Ion: 50 Resp: 4736

Ion Ratio Lower Upper

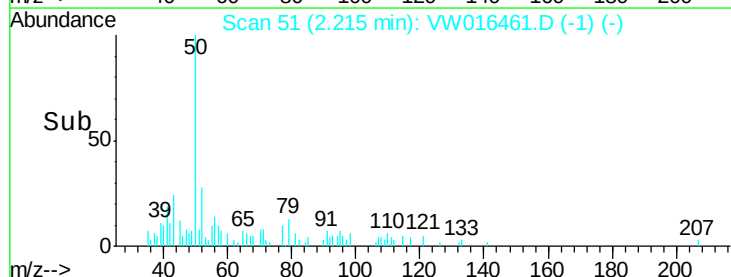
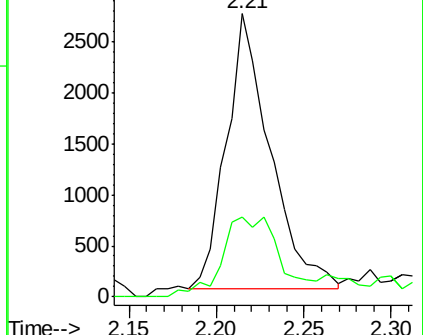
50 100

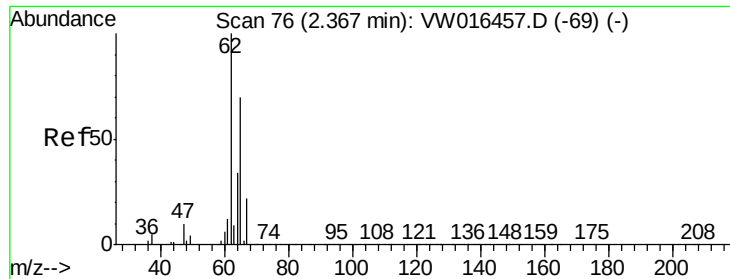
52 28.3 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 0.869 ug/L m

RT: 2.37 min Scan# 77

Delta R.T. -0.00 min

Lab File: VW016461.D

Acq: 04 Sep 2020 13:43

Instrument :

MSVOA_W

ClientSampleId :

MDL03

Tot Ion: 62 Resp: 8168

Ion Ratio Lower Upper

62 100

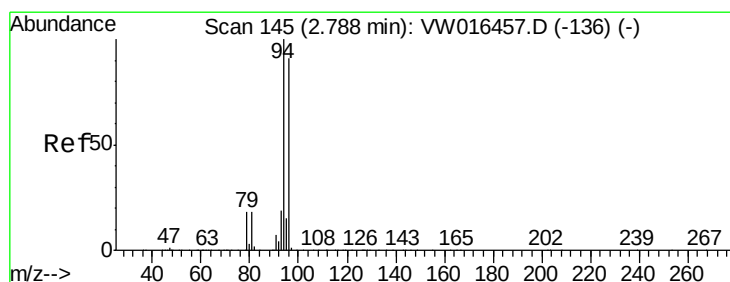
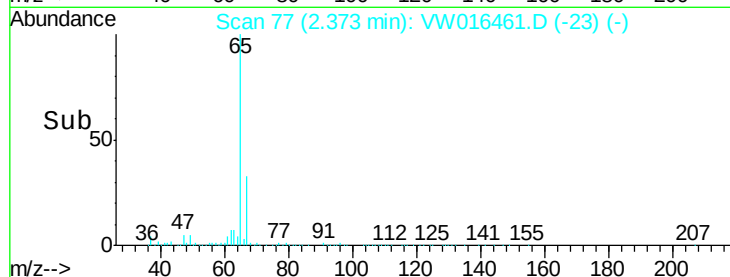
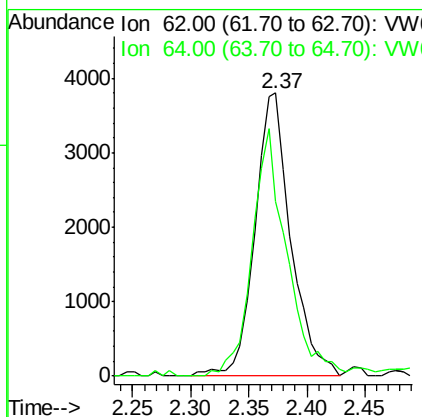
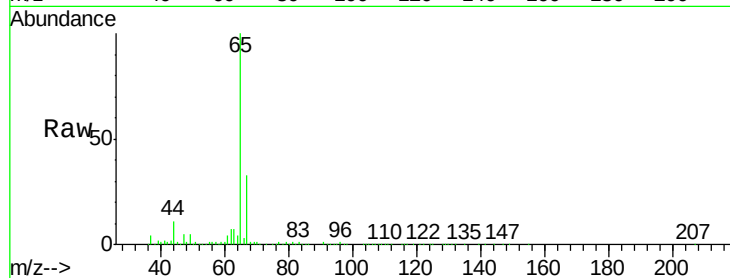
64 61.8 23.9 44.5#

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#6

Bromomethane

Concen: 0.698 ug/L

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW016461.D

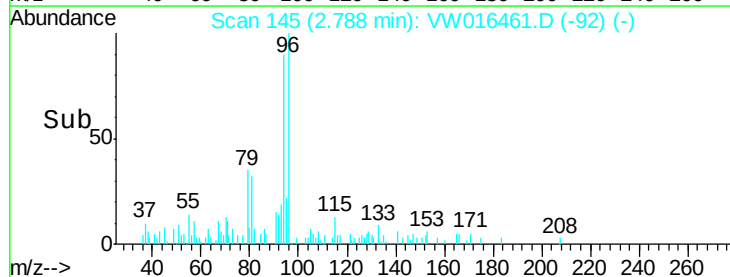
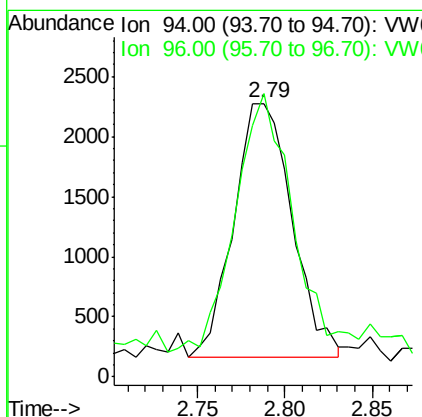
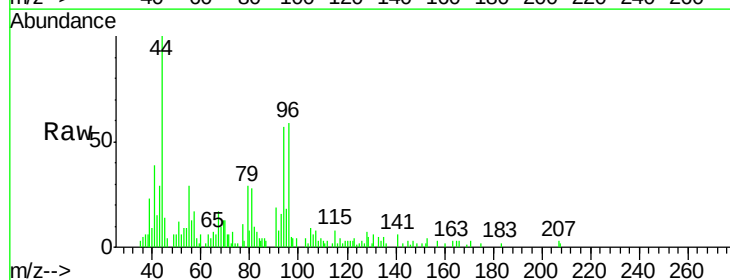
Acq: 04 Sep 2020 13:43

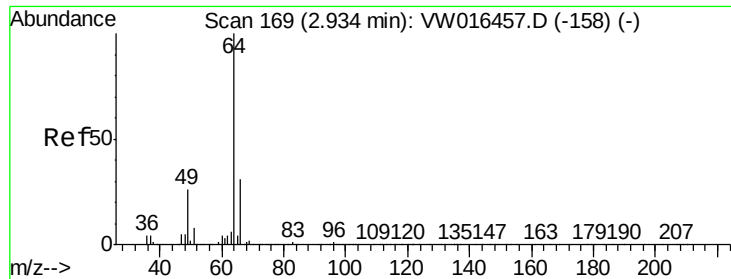
Tgt Ion: 94 Resp: 4904

Ion Ratio Lower Upper

94 100

96 98.5 9.4 178.2





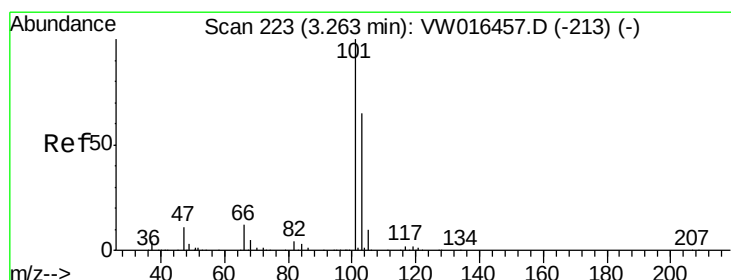
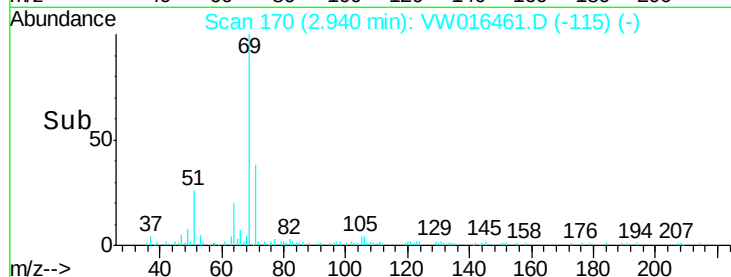
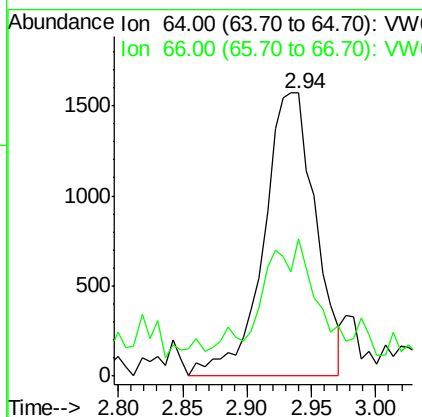
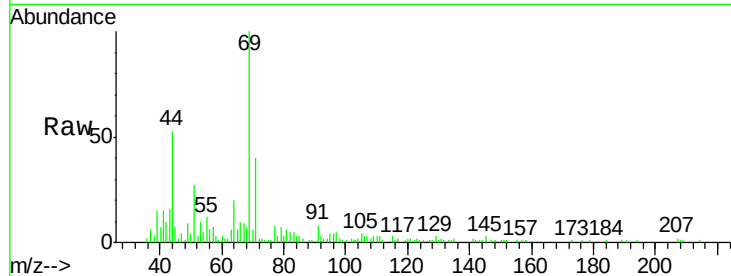
#8
Chloroethane
Concen: 0.762 ug/L
RT: 2.94 min Scan# 170
Delta R.T. 0.01 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Instrument :
MSVOA_W
ClientSampled :
MDL03

Tot Ion: 64 Resp: 4407
Ion Ratio Lower Upper
64 100
66 48.4 22.4 41.6#

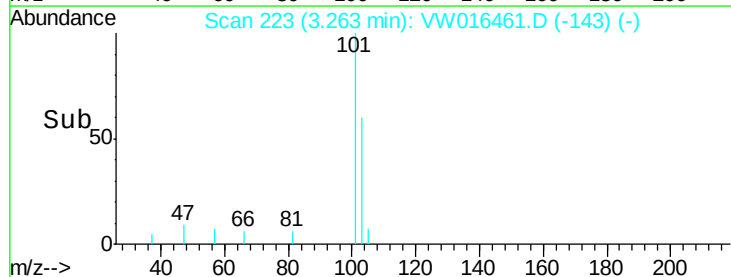
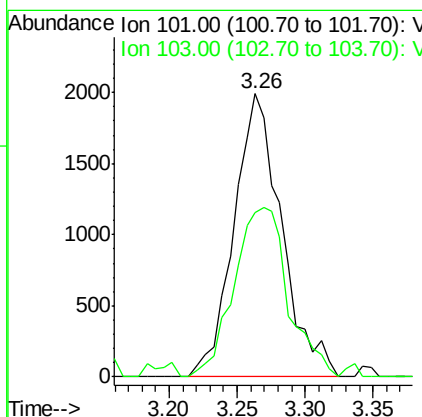
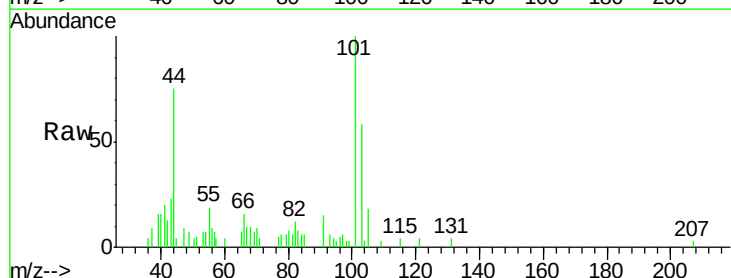
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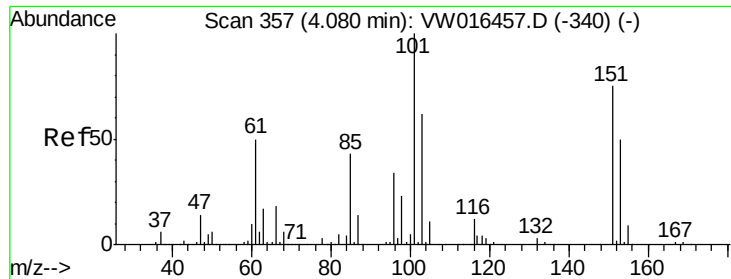
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#9
Trichlorofluoromethane
Concen: 0.633 ug/L
RT: 3.26 min Scan# 223
Delta R.T. -0.01 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Tgt Ion: 101 Resp: 4871
Ion Ratio Lower Upper
101 100
103 68.1 45.1 83.7





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.026 ug/L m

RT: 4.08 min Scan# 357

Delta R.T. -0.00 min

Lab File: VW016461.D

Acq: 04 Sep 2020 13:43

Instrument :

MSVOA_W

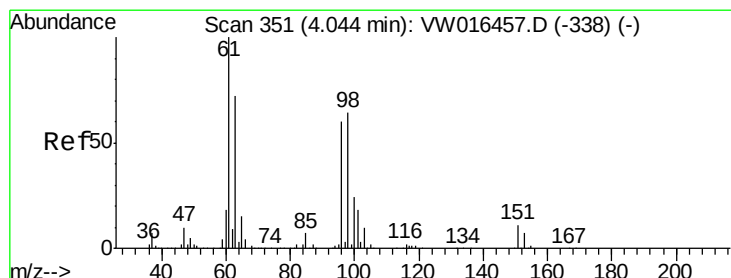
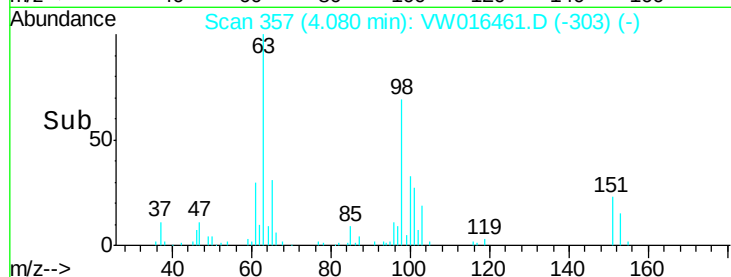
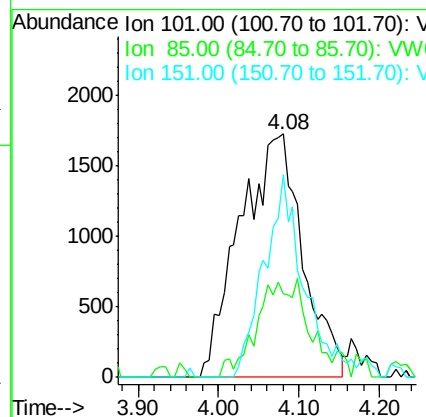
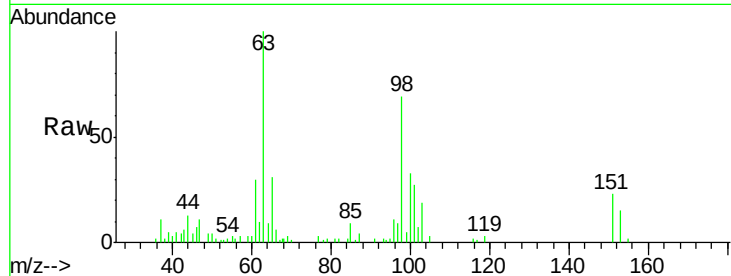
ClientSampled :

MDL03

Tot Ion:	101	Resp:	9345
Ion Ratio	Lower	Upper	
101	100		
85	1.2	33.4	50.0#
151	13.4	61.6	92.4#

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#12

1,1-Dichloroethene

Concen: 0.979 ug/L m

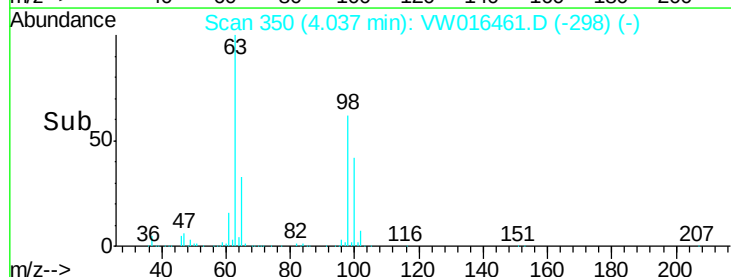
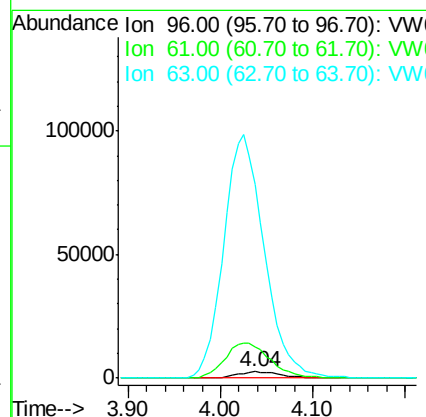
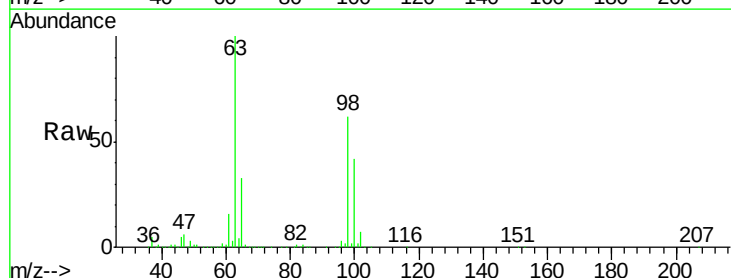
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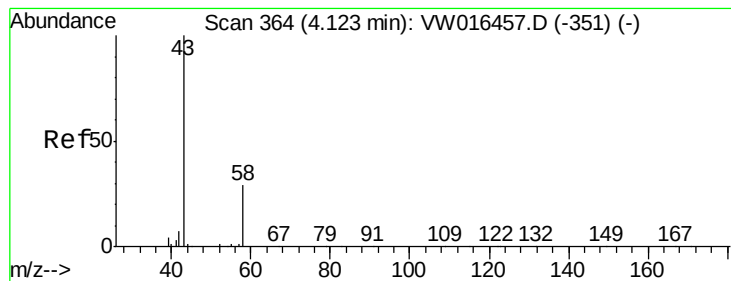
Delta R.T. -0.01 min

Lab File: VW016461.D

Acq: 04 Sep 2020 13:43

Tgt Ion:	96	Resp:	9066
Ion Ratio	Lower	Upper	
96	100		
61	501.7	116.5	216.3#
63	3068.2	81.1	150.5#





#13

Acetone

Concen: 2.935 ug/L m

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016461.D

Acq: 04 Sep 2020 13:43

Tot Ion: 43 Resp: 5363

Ion Ratio Lower Upper

43 100

58 28.6 0.0 63.0

Instrument :

MSVOA_W

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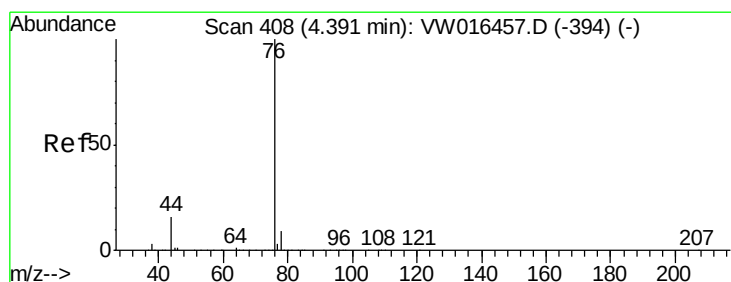
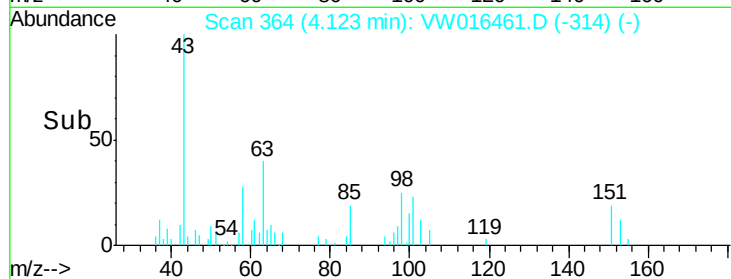
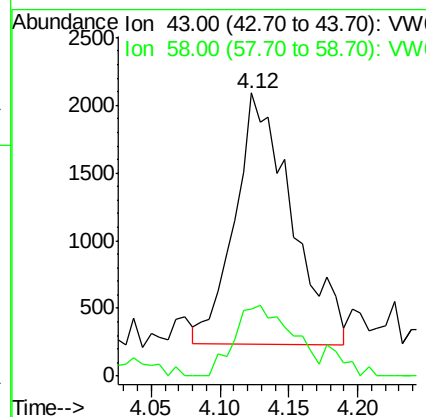
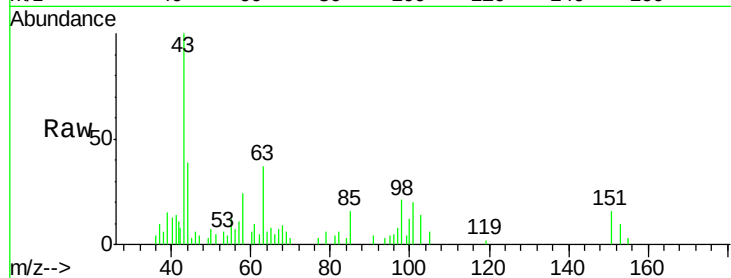
MDL03

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#14

Carbon disulfide

Concen: 0.638 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW016461.D

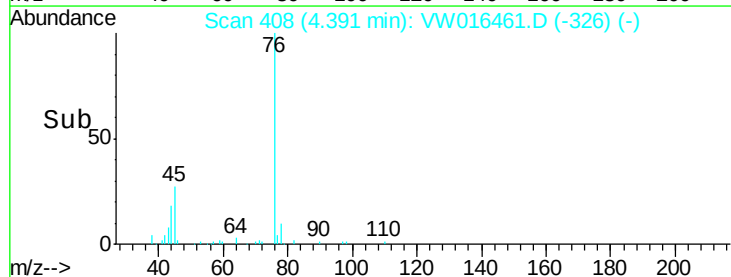
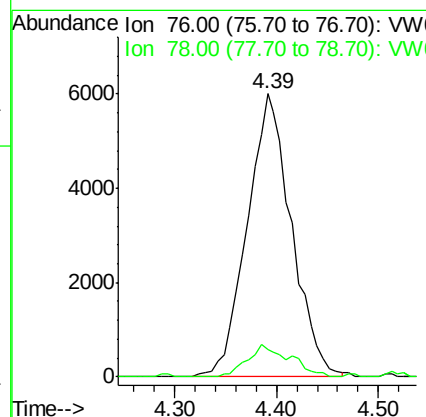
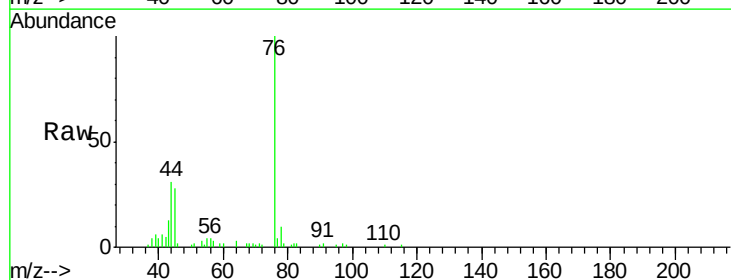
Acq: 04 Sep 2020 13:43

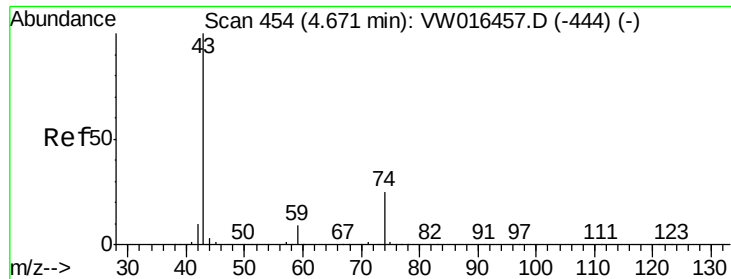
Tgt Ion: 76 Resp: 18054

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9





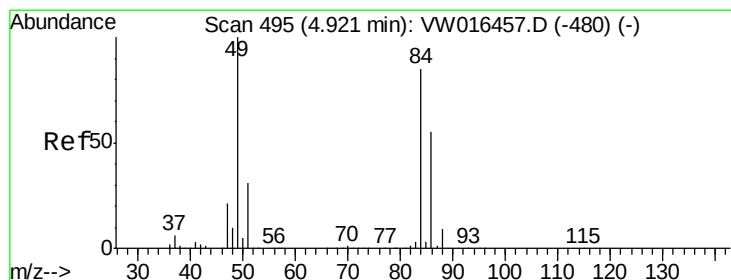
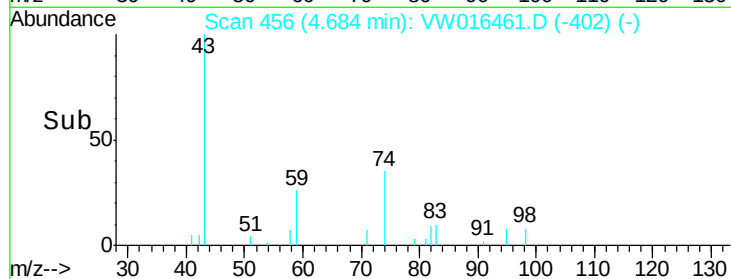
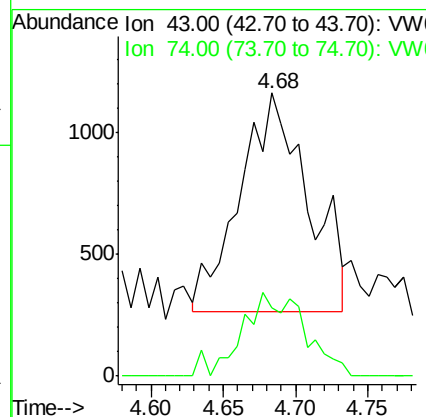
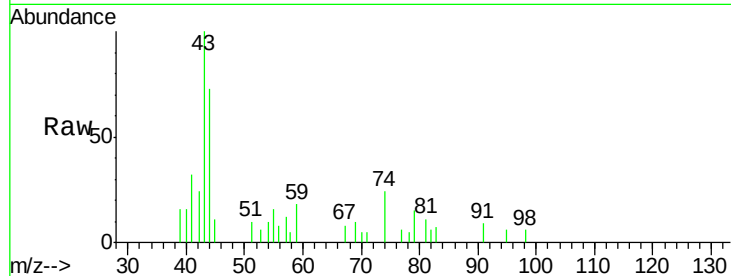
#15
Methyl Acetate
Concen: 0.662 ug/L m
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Instrument :
MSVOA_W
ClientSampled :
MDL03

Tot Ion: 43 Resp: 2932
Ion Ratio Lower Upper
43 100
74 20.3 18.9 28.3

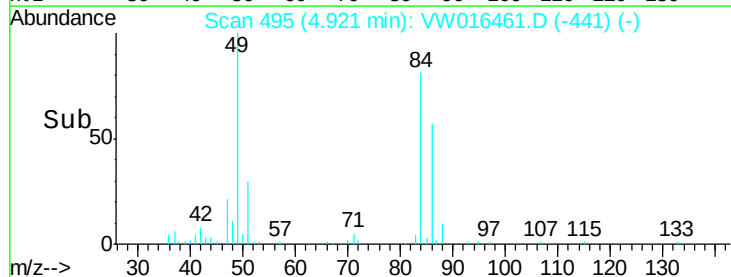
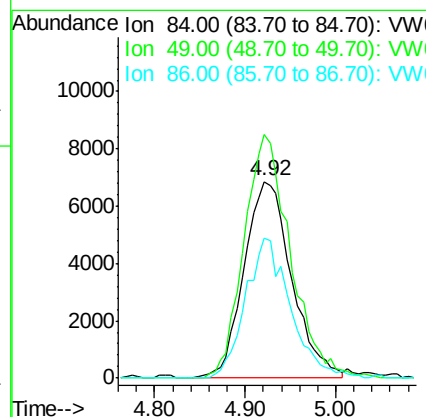
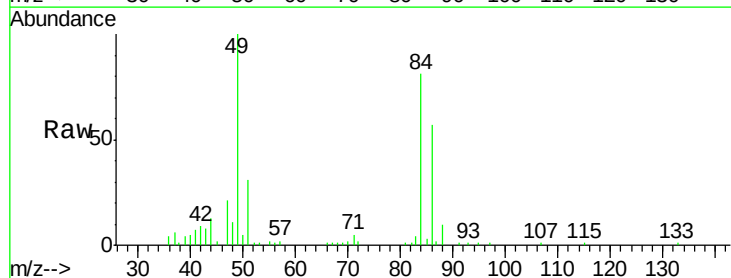
Manual Integrations
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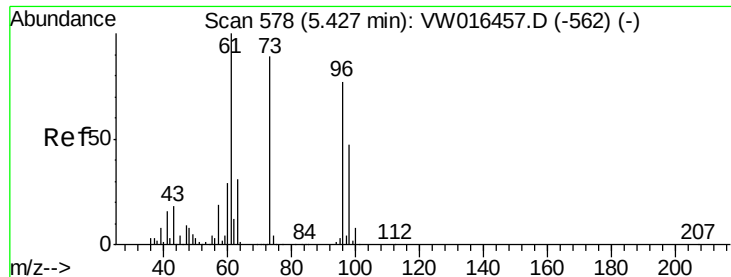
MMDadoda
9/8/2020 10:14:38 AM



#16
Methylene chloride
Concen: 2.128 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Tgt Ion: 84 Resp: 24952
Ion Ratio Lower Upper
84 100
49 123.9 86.7 160.9
86 71.2 44.9 83.5





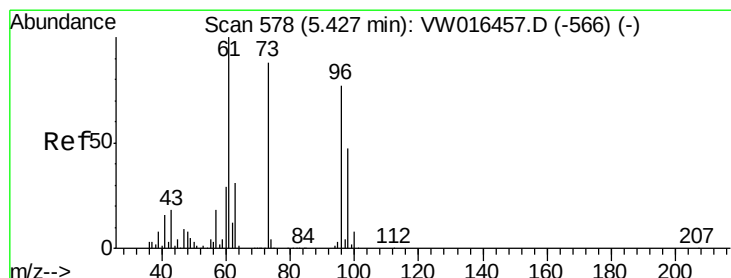
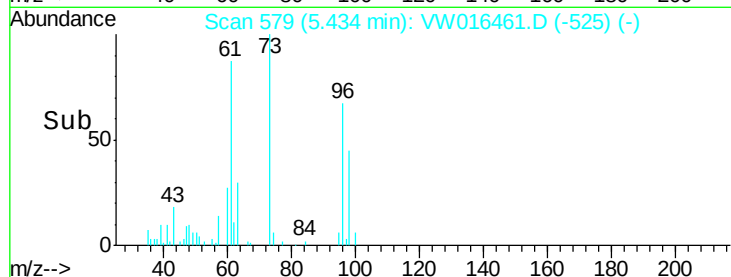
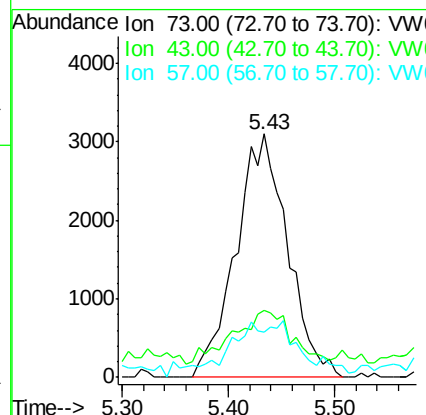
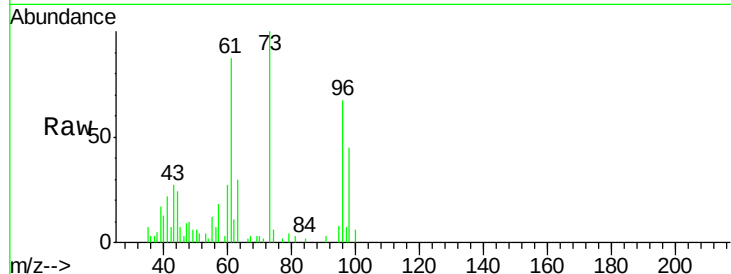
#17
Methyl tert-butyl Ether
Concen: 0.759 ug/L
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Instrument :
MSVOA_W
ClientSampleId :
MDL03

Tot Ion	Ratio	Lower	Upper
73	100		
43	12.7	17.9	26.9#
57	6.4	17.4	26.0#

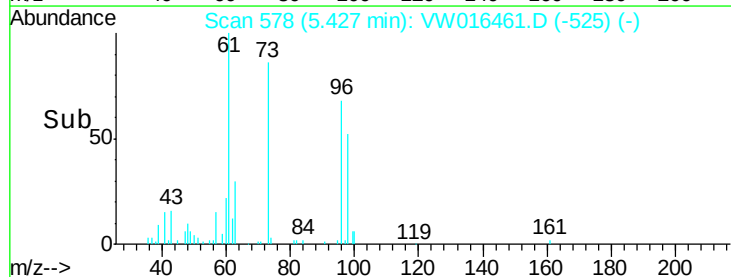
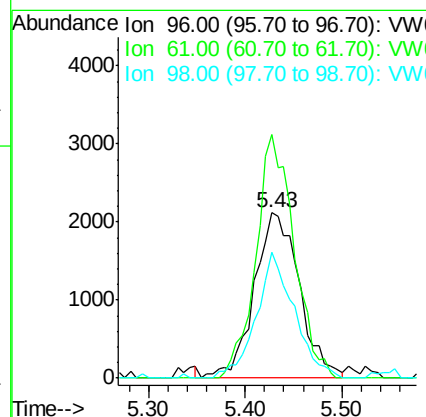
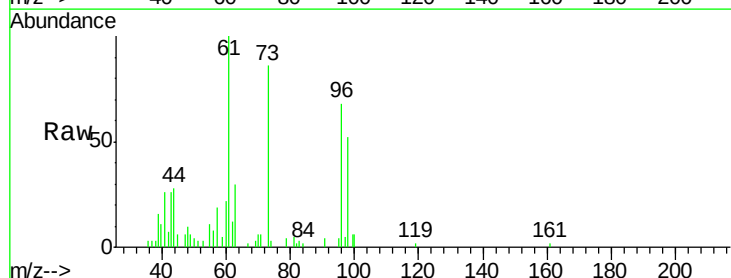
Manual Integrations
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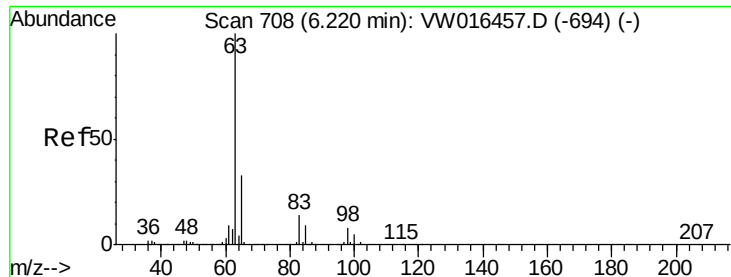
MMDadoda
9/8/2020 10:14:38 AM



#18
trans-1,2-Dichloroethene
Concen: 0.700 ug/L m
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.5	96.4	179.0
98	76.1	45.1	83.7





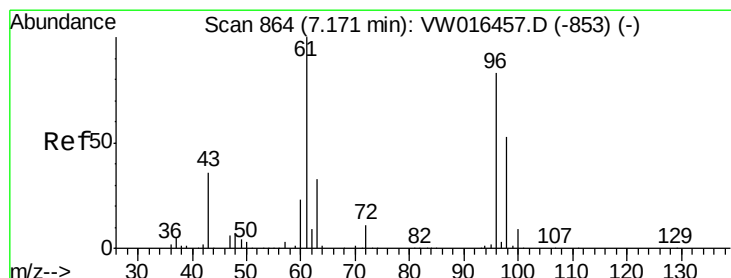
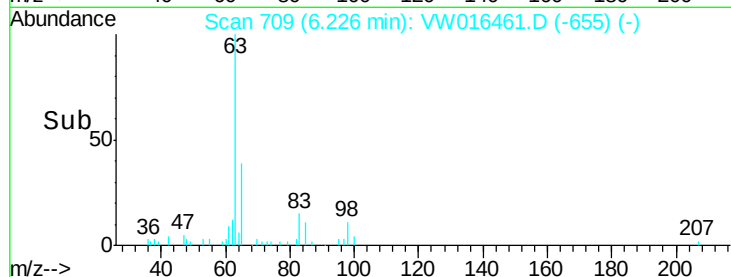
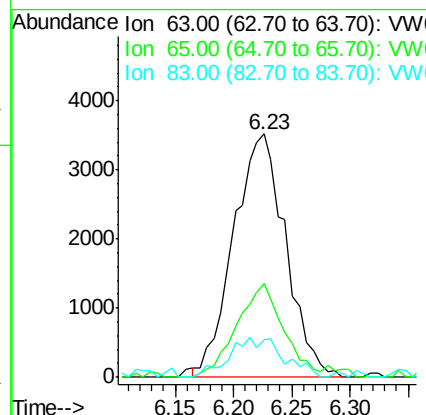
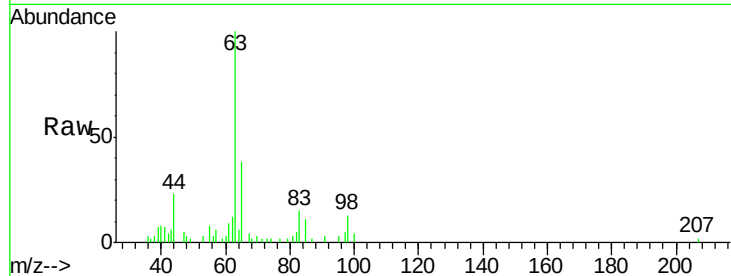
#19
 1,1-Dichloroethane
 Concen: 0.653 ug/L
 RT: 6.23 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL03

Tot Ion:	63	Resp:	10936
Ion	Ratio	Lower	Upper
63	100		
65	38.4	23.3	43.3
83	15.2	10.3	19.1

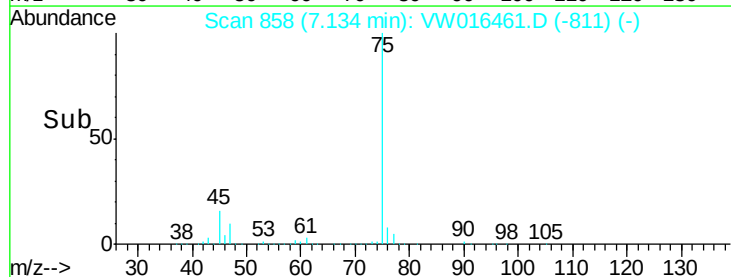
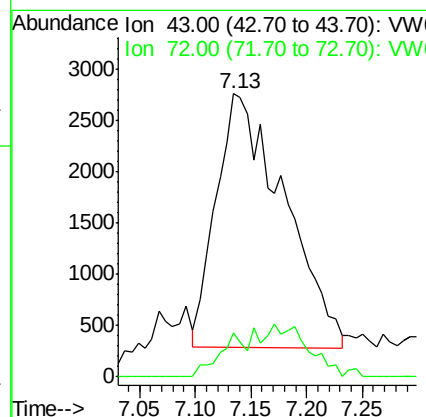
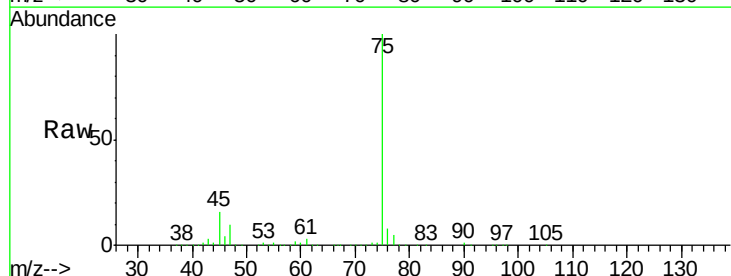
Manual Integrations
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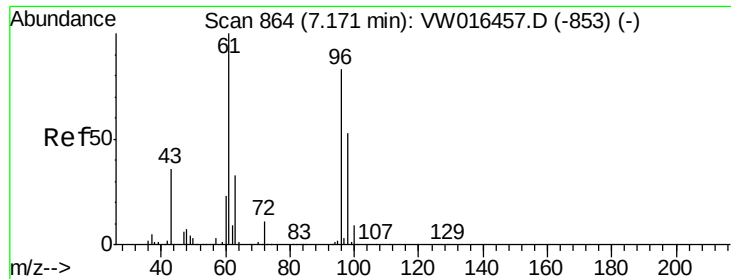
MMDadoda
 9/8/2020 10:14:38 AM



#21
 2-Butanone
 Concen: 3.420 ug/L m
 RT: 7.13 min Scan# 858
 Delta R.T. -0.04 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Tgt Ion:	43	Resp:	10491
Ion	Ratio	Lower	Upper
43	100		
72	3.6	13.5	40.4#





#22

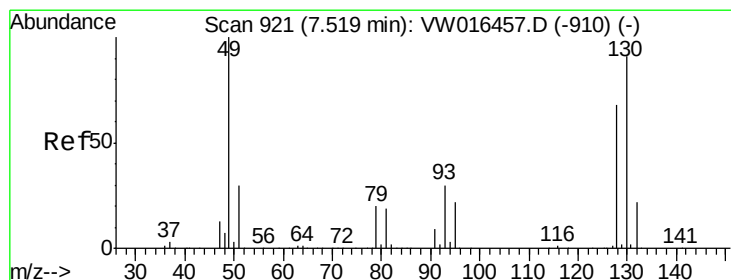
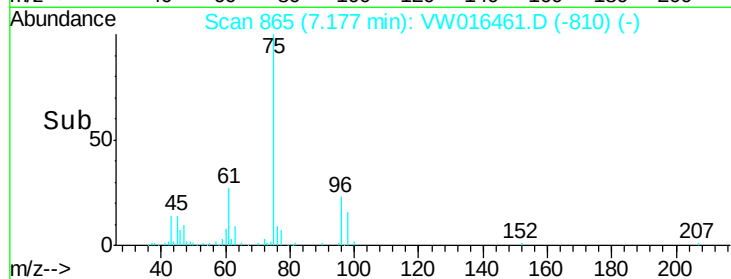
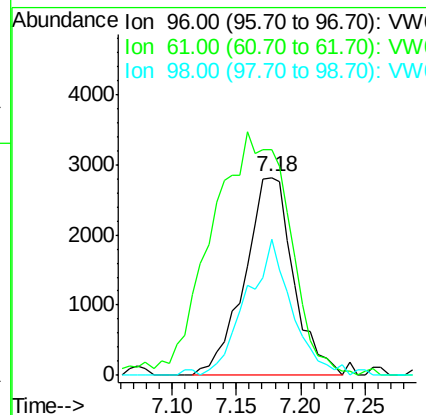
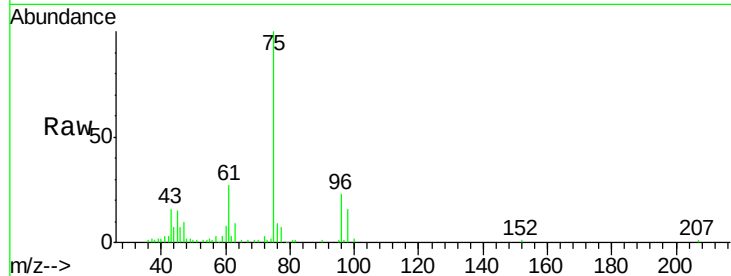
cis-1,2-Dichloroethene
Concen: 0.721 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Instrument :
MSVOA_W
ClientSampleId :
MDL03

Tot Ion	Ratio	Lower	Upper
96	100		
61	114.5	86.1	159.9
98	68.6	44.1	81.9

Manual Integrations
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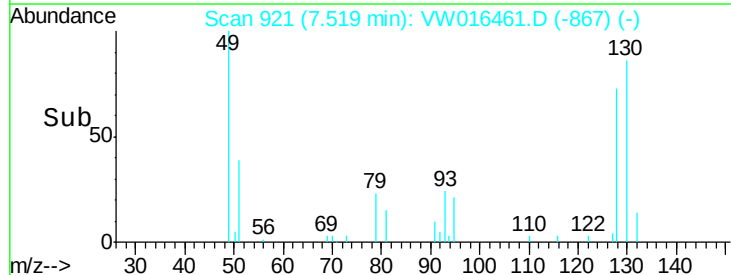
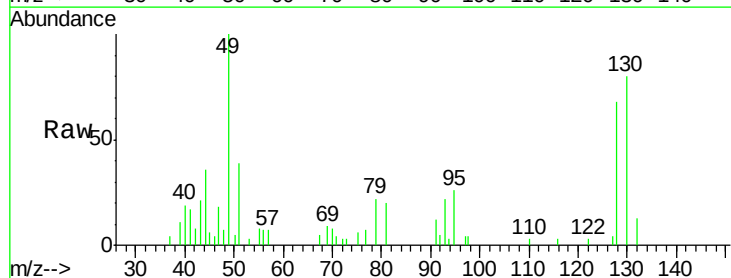
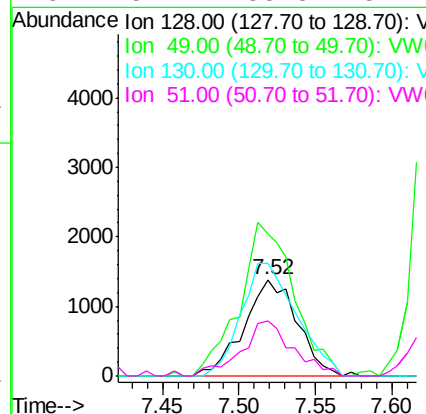
MMDadoda
9/8/2020 10:14:38 AM

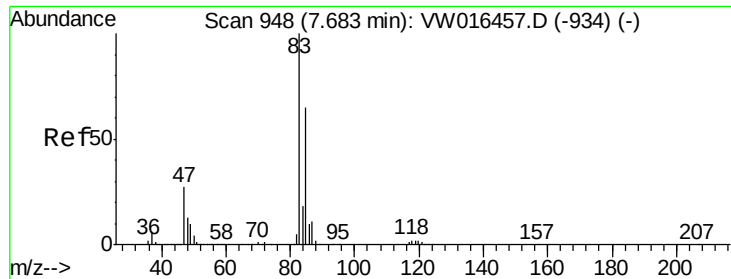


#23

Bromochloromethane
Concen: 0.703 ug/L
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
128	100		
49	146.7	111.6	207.4
130	117.1	90.9	168.7
51	57.2	38.5	57.7





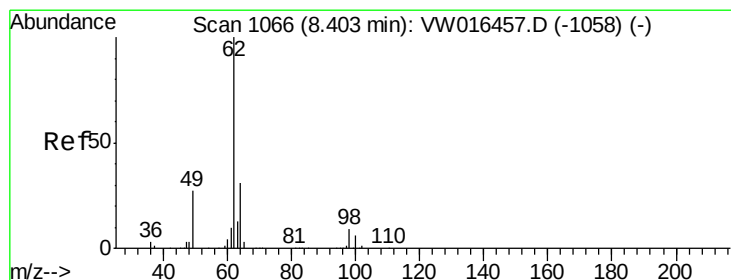
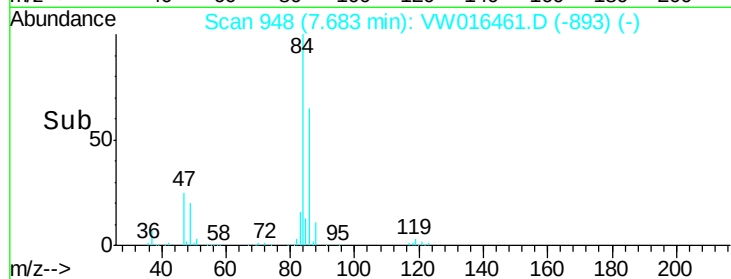
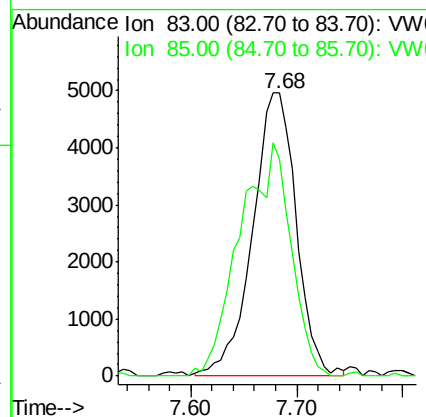
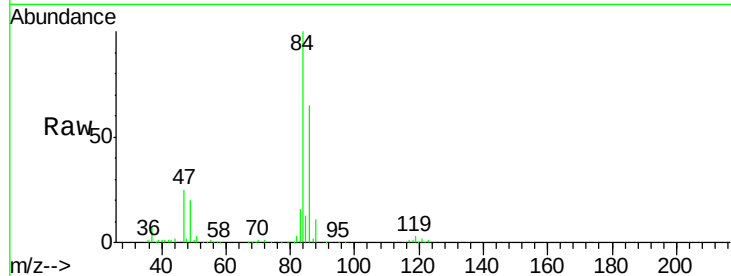
#25
Chloroform
Concen: 0.809 ug/L m
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Instrument :
MSVOA_W
ClientSampled :
MDL03

Tot Ion	83	Resp	14021
Ion Ratio	100	Lower	Upper
85	1.0	45.6	84.8#

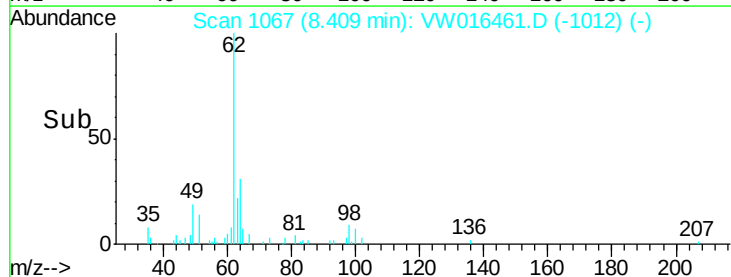
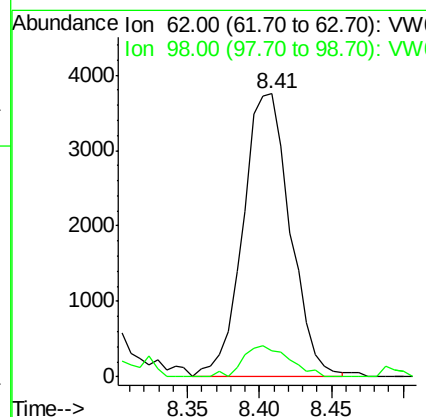
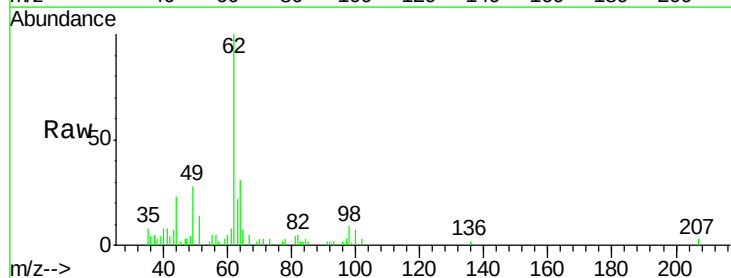
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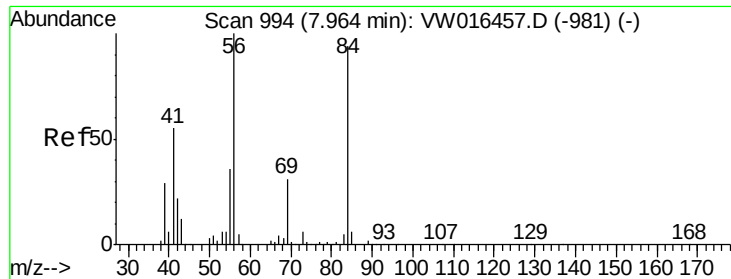
MMDadoda
9/8/2020 10:14:38 AM



#27
1,2-Dichloroethane
Concen: 0.740 ug/L
RT: 8.41 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Tgt Ion	62	Resp	8541
Ion Ratio	100	Lower	Upper
98	9.1	7.3	10.9





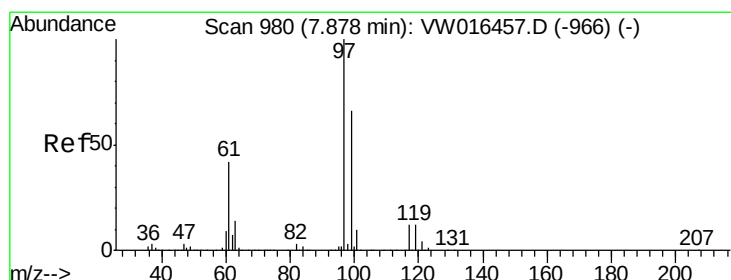
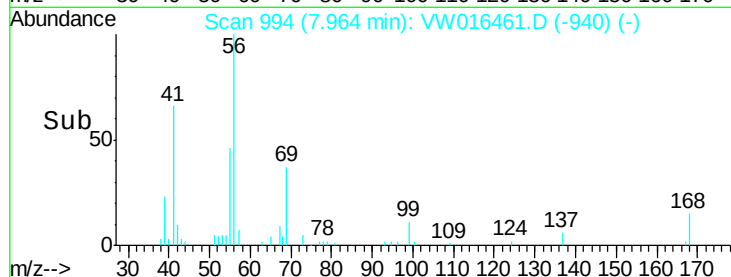
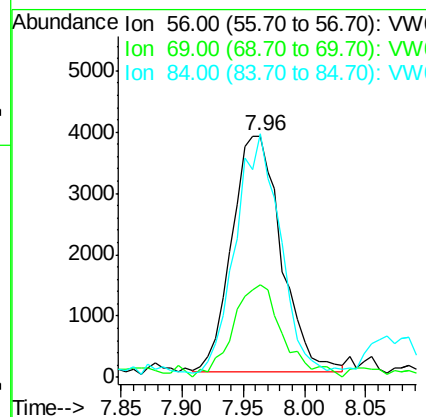
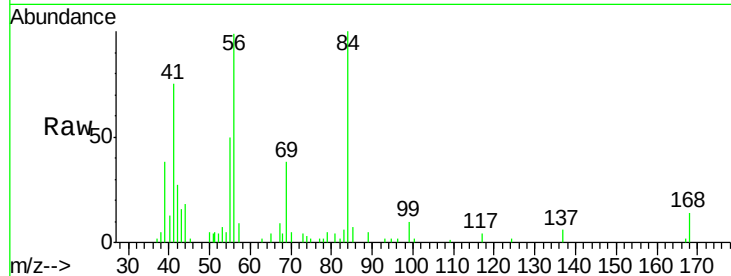
#30
Cyclohexane
Concen: 0.661 ug/L
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Instrument :
MSVOA_W
ClientSampled :
MDL03

Tot Ion	56	Resp	10761
Ion Ratio	Lower	Upper	
56	100		
69	38.2	25.3	37.9#
84	95.4	71.6	107.4

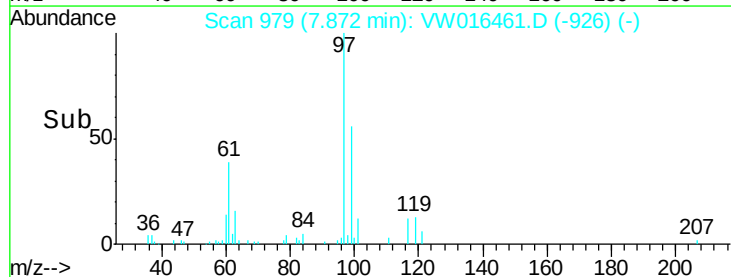
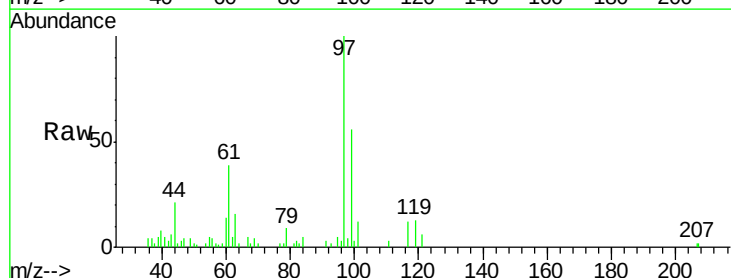
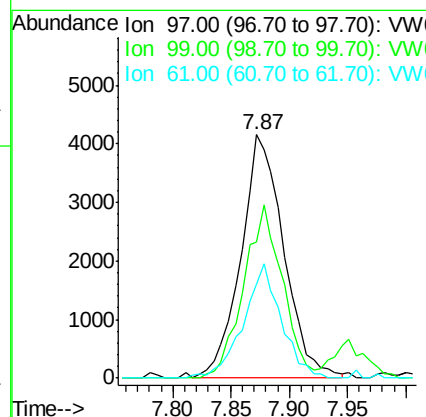
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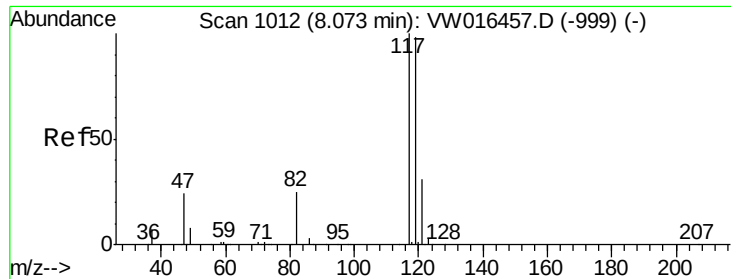
MMDadoda
9/8/2020 10:14:38 AM



#31
1,1,1-Trichloroethane
Concen: 0.722 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Tgt Ion	97	Resp	10651
Ion Ratio	Lower	Upper	
97	100		
99	64.4	52.2	78.2
61	40.8	36.3	54.5





#32

Carbon tetrachloride

Concen: 0.670 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VW016461.D

Acq: 04 Sep 2020 13:43

Instrument :

MSVOA_W

ClientSampled :

MDL03

Tot Ion:117 Resp: 9456

Ion Ratio Lower Upper

117 100

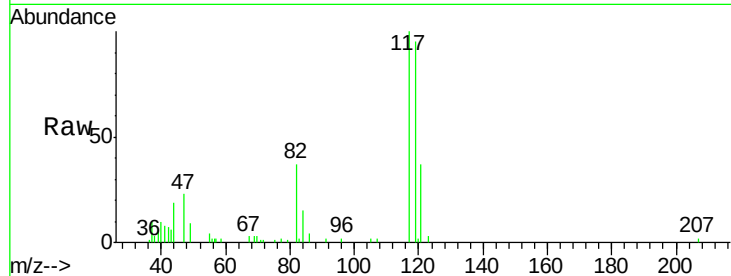
119 101.7 77.8 116.6

Manual Integrations

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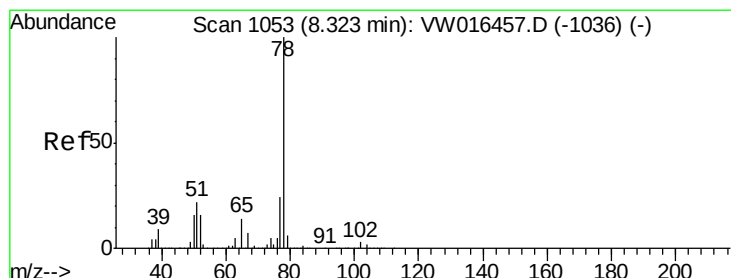
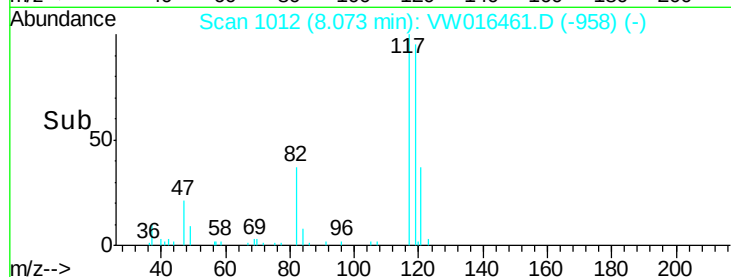
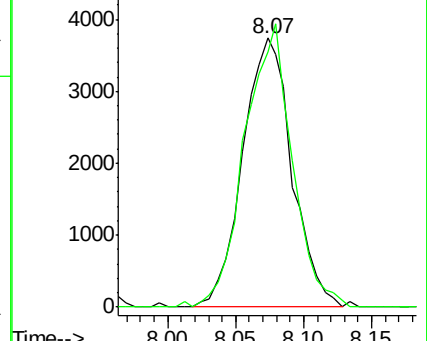
MMDadoda

9/8/2020 10:14:38 AM



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 0.650 ug/L

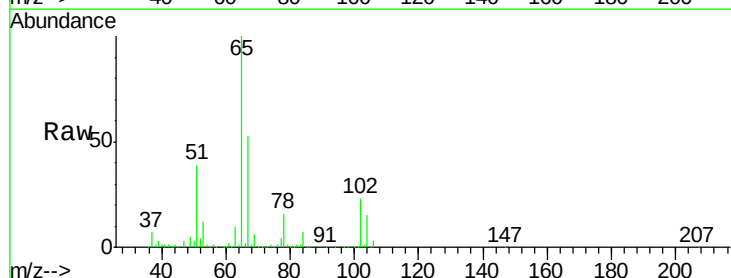
RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

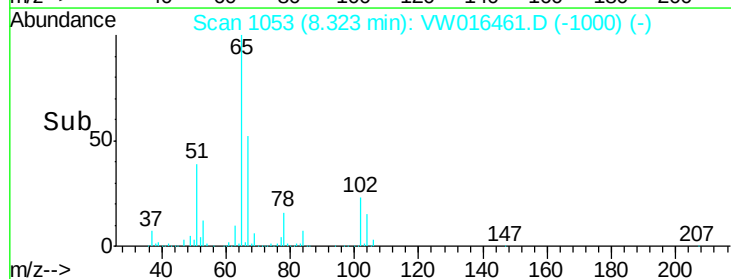
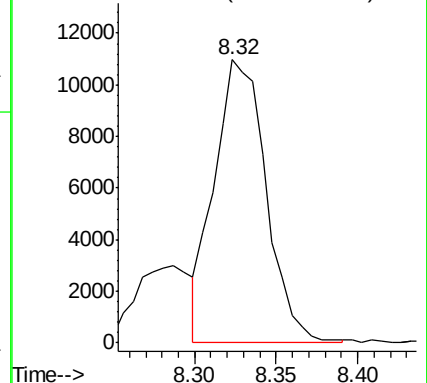
Lab File: VW016461.D

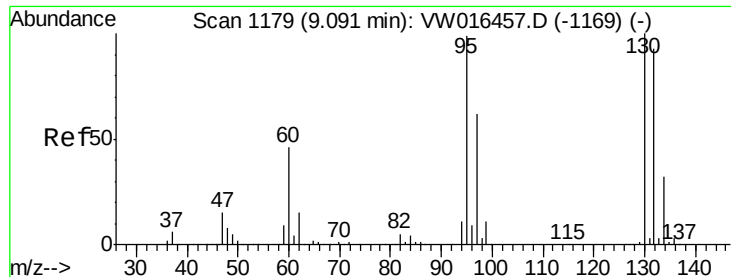
Acq: 04 Sep 2020 13:43

Tgt Ion: 78 Resp: 24221



Abundance Ion 78.00 (77.70 to 78.70): VW





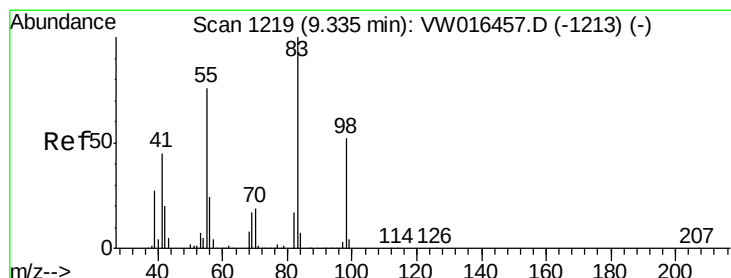
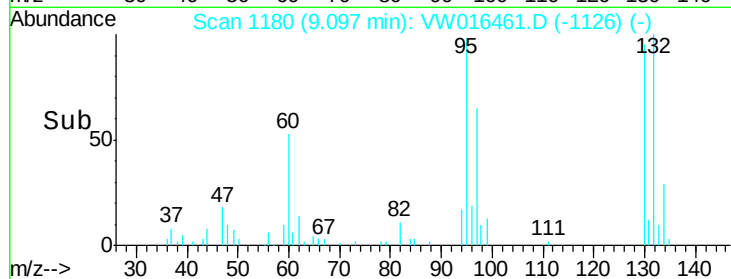
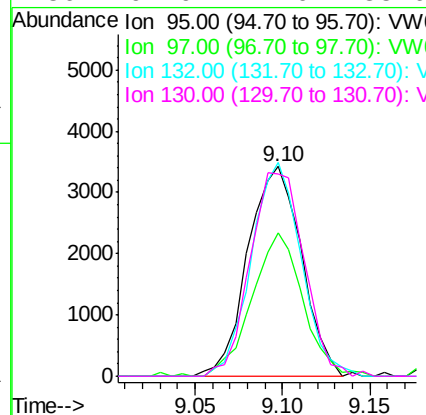
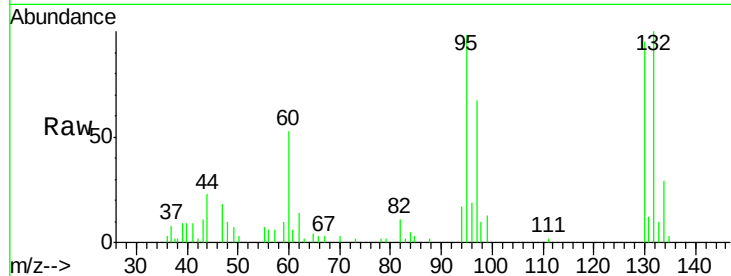
#35
 Trichloroethene
 Concen: 0.708 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Instrument :
 MSVOA_W
 ClientSampled :
 MDL03

Tot Ion	95	Resp	7301
Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.9	83.5
132	94.8	69.2	128.4
130	97.9	72.0	133.6

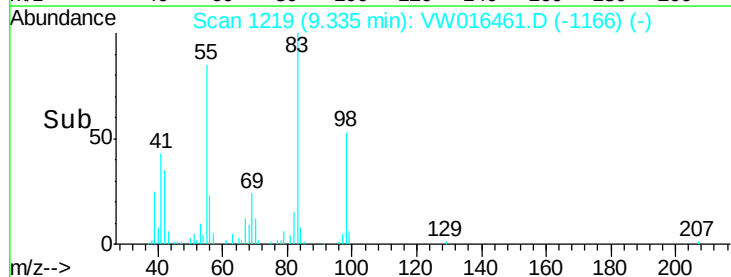
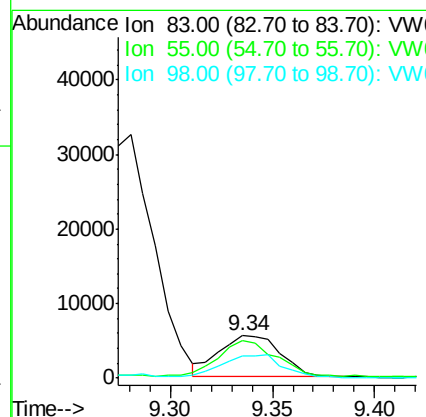
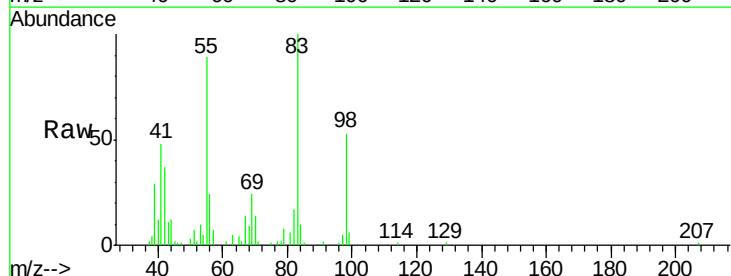
Manual Integrations
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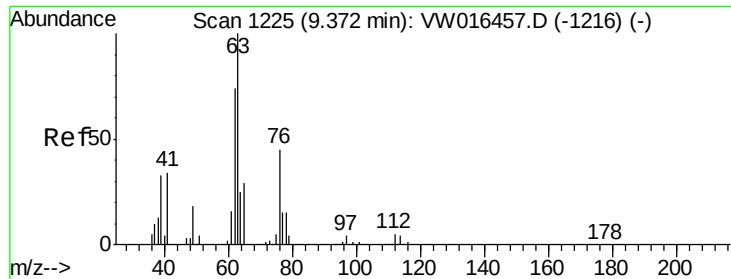
MMDadoda
 9/8/2020 10:14:38 AM



#36
 Methylcyclohexane
 Concen: 0.641 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Tgt Ion	83	Resp	11571
Ion	Ratio	Lower	Upper
83	100		
55	82.9	60.9	91.3
98	56.5	40.0	60.0





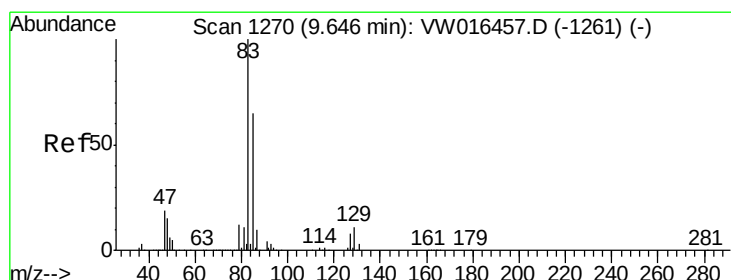
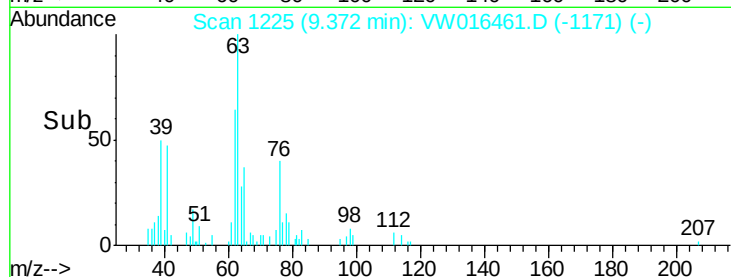
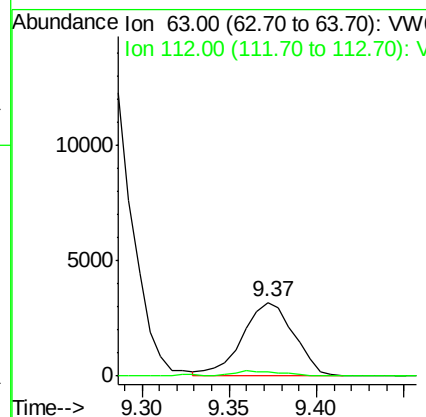
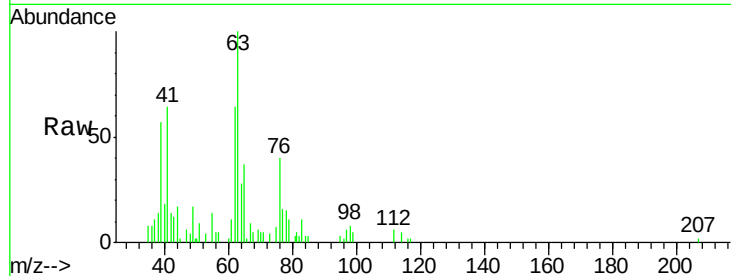
#40
 1,2-Dichloropropane
 Concen: 0.717 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Instrument :
 MSVOA_W
 ClientSampled :
 MDL03

Tot Ion	Ratio	Lower	Upper
63	100		
112	5.0	3.8	5.8

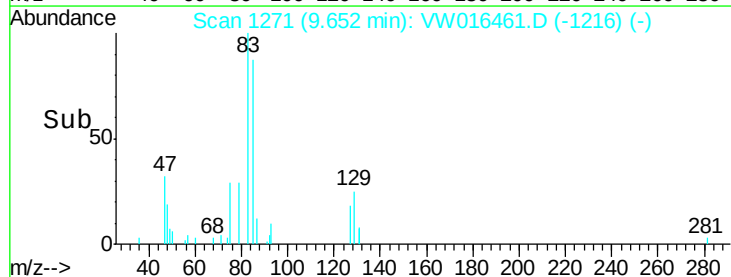
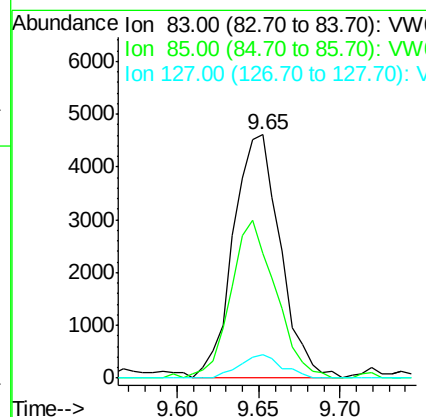
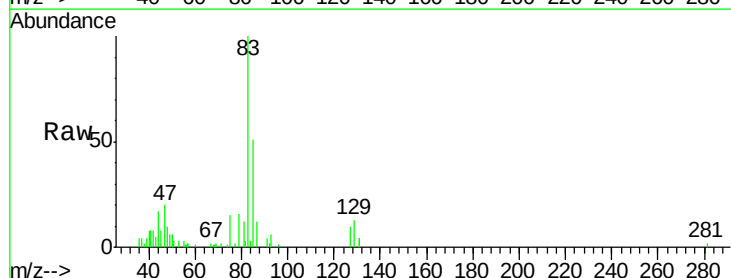
Manual Integrations
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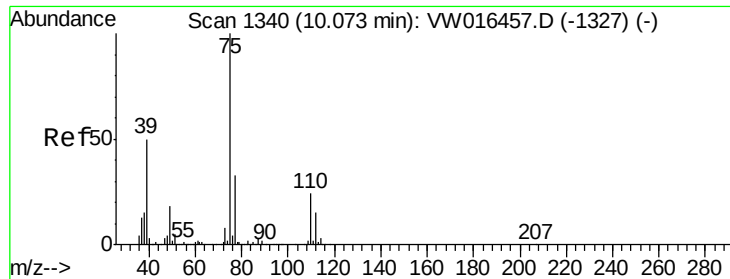
MMDadoda
 9/8/2020 10:14:38 AM



#41
 Bromodichloromethane
 Concen: 0.718 ug/L
 RT: 9.65 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	51.1	43.5	80.7
127	9.9	6.7	10.1





#42

cis-1,3-Dichloropropene

Concen: 0.696 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW016461.D

Acq: 04 Sep 2020 13:43

Instrument :

MSVOA_W

ClientSampled :

MDL03

Tot Ion: 75 Resp: 10880

Ion Ratio Lower Upper

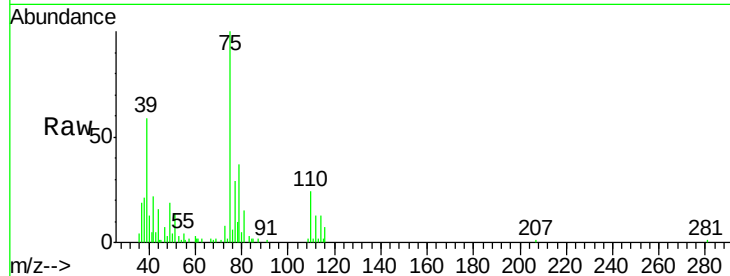
75 100

77 28.9 20.9 38.7

Manual Integrations
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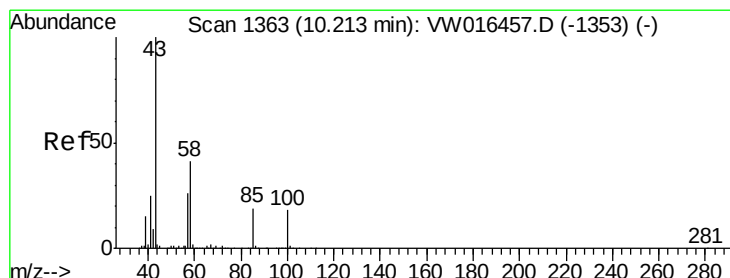
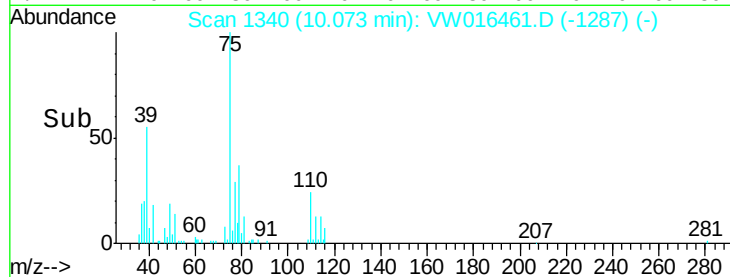
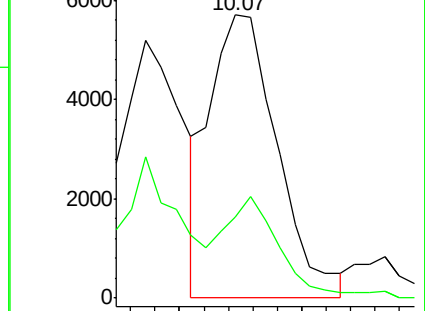
MMDadoda

9/8/2020 10:14:38 AM



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#43

4-Methyl-2-pentanone

Concen: 2.539 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016461.D

Acq: 04 Sep 2020 13:43

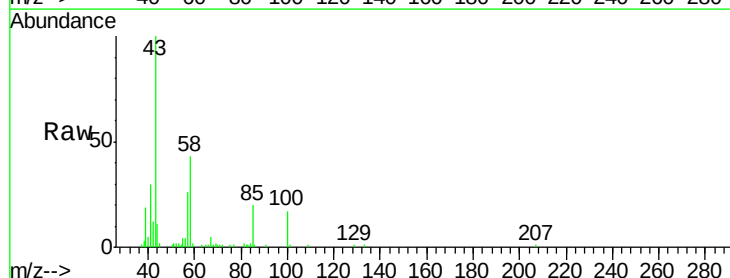
Tgt Ion: 43 Resp: 16556

Ion Ratio Lower Upper

43 100

58 42.8 30.6 45.8

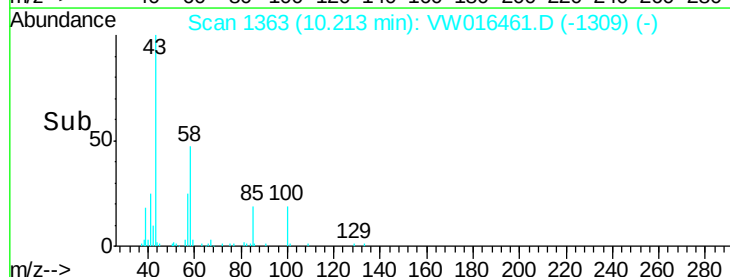
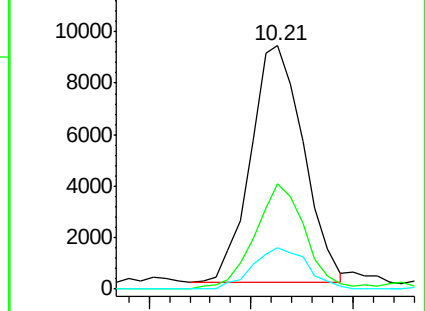
100 18.1 13.0 19.6

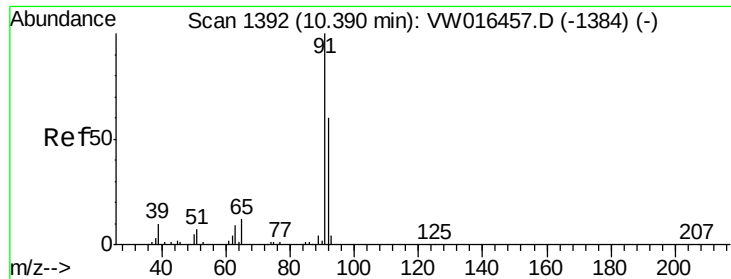


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#44

Toluene

Concen: 0.689 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016461.D

Acq: 04 Sep 2020 13:43

Instrument :

MSVOA_W

ClientSampled :

MDL03

Tot Ion: 91 Resp: 28719

Ion Ratio Lower Upper

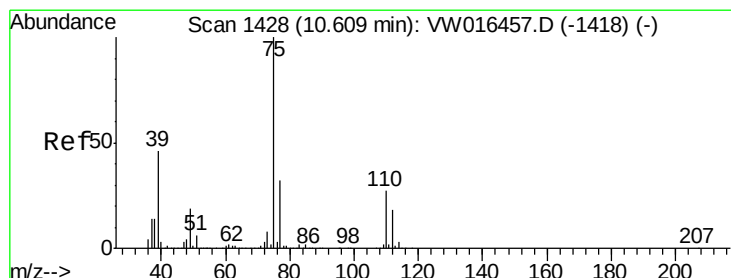
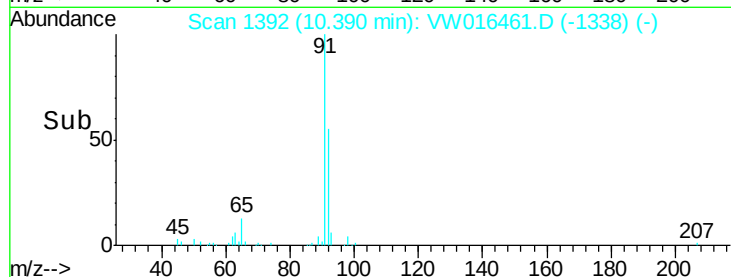
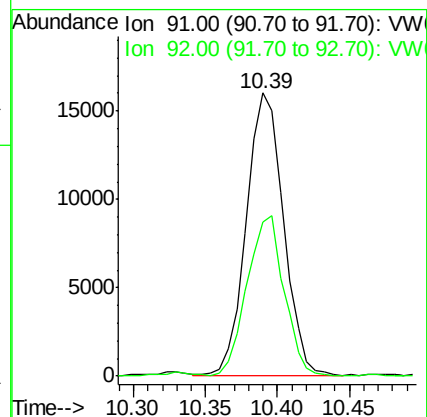
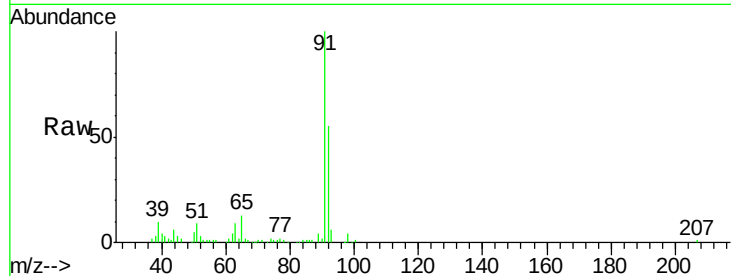
91 100

92 54.5 39.5 73.4

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#45

trans-1,3-Dichloropropene

Concen: 0.638 ug/L m

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW016461.D

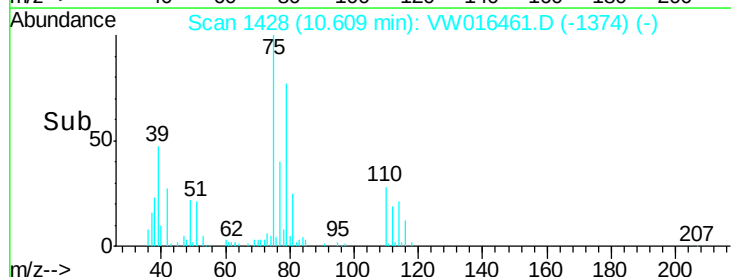
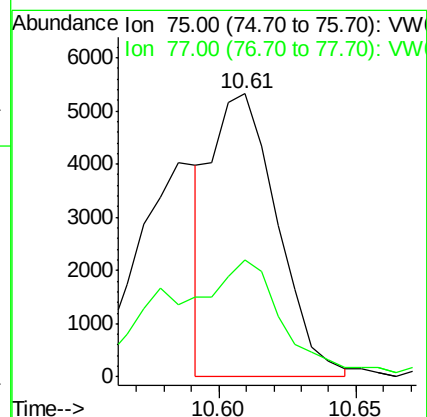
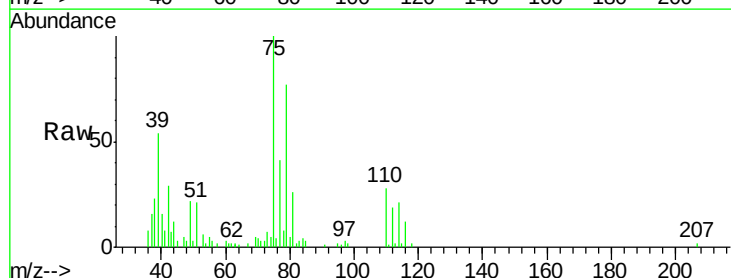
Acq: 04 Sep 2020 13:43

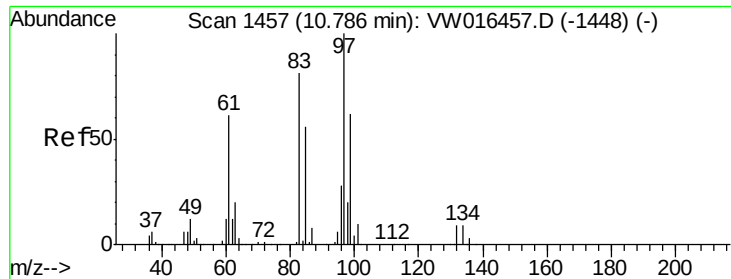
Tgt Ion: 75 Resp: 8910

Ion Ratio Lower Upper

75 100

77 41.1 21.9 40.7#





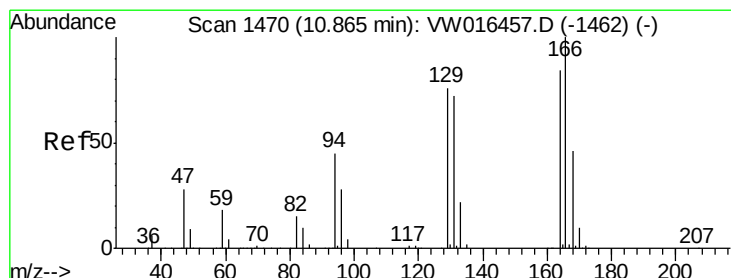
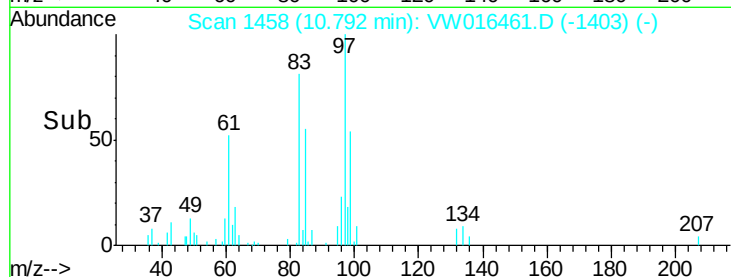
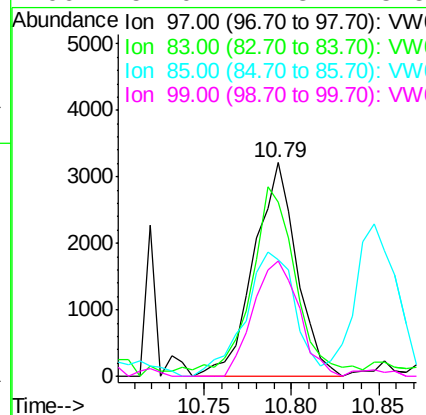
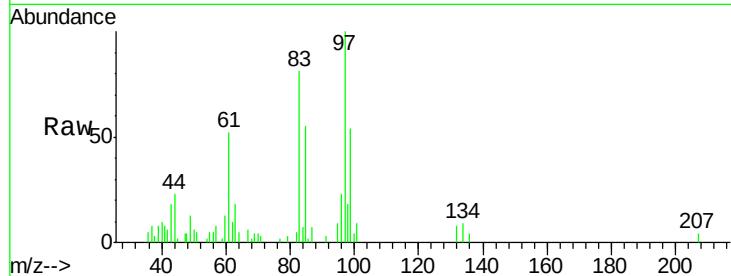
#46
1,1,2-Trichloroethane
Concen: 0.751 ug/L
RT: 10.79 min Scan# 1458
Delta R.T. 0.01 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Instrument :
MSVOA_W
ClientSampled :
MDL03

Tot Ion:	97	Resp:	5480
Ion	Ratio	Lower	Upper
97	100		
83	81.3	59.7	110.9
85	54.6	37.6	69.8
99	54.0	42.3	78.5

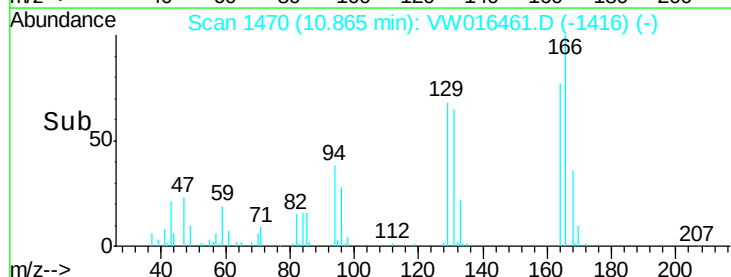
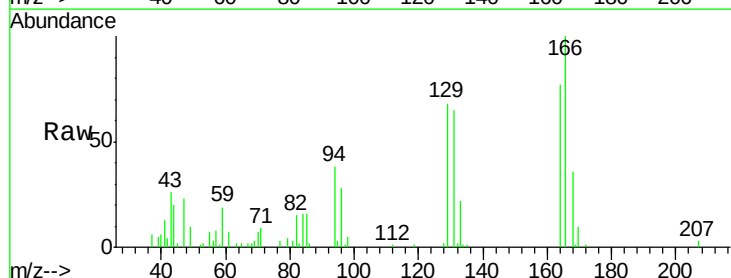
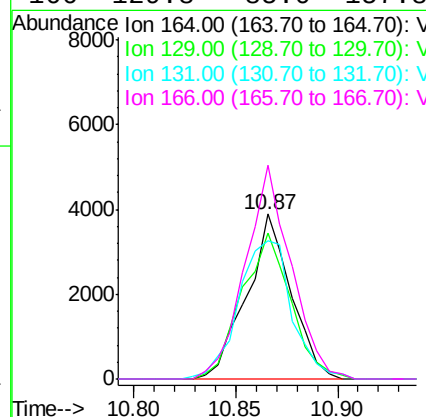
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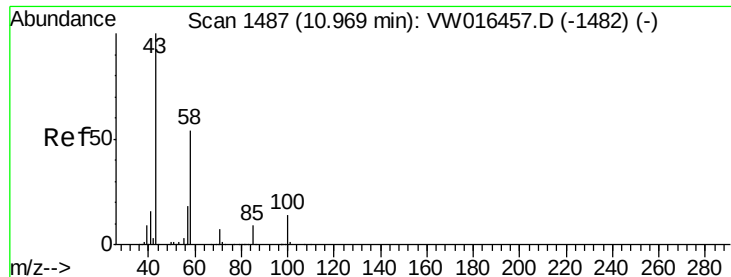
MMDadoda
9/8/2020 10:14:38 AM



#47
Tetrachloroethene
Concen: 0.715 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Tgt Ion:	164	Resp:	5914
Ion	Ratio	Lower	Upper
164	100		
129	88.7	65.7	121.9
131	83.8	61.1	113.5
166	129.8	85.0	157.8





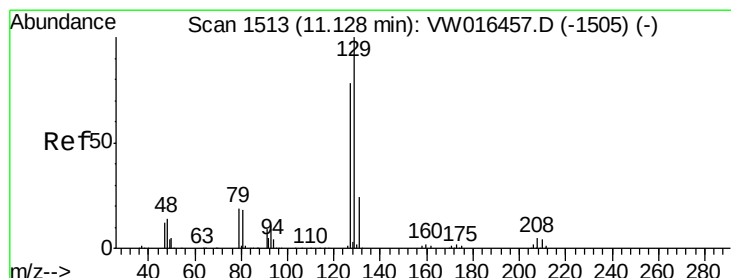
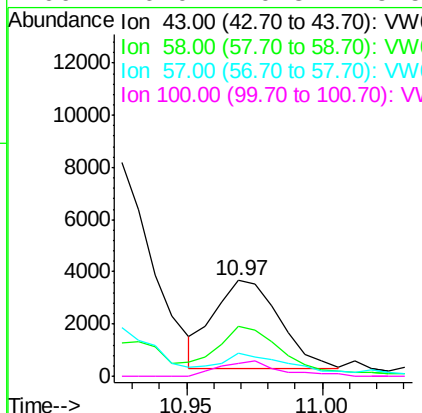
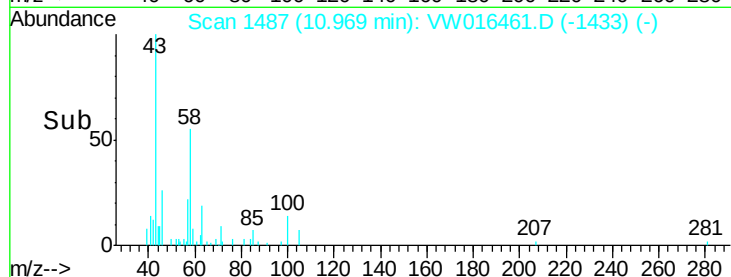
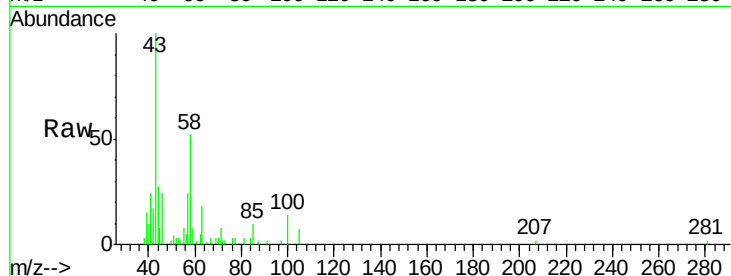
#49
2-Hexanone
Concen: 1.242 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Instrument :
MSVOA_W
ClientSampled :
MDL03

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.9	42.1	63.1
57	22.8	14.9	22.3
100	16.0	10.3	15.5

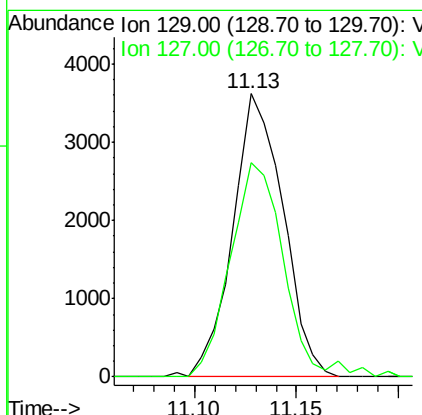
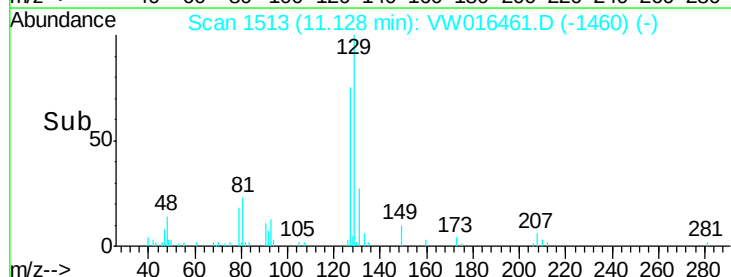
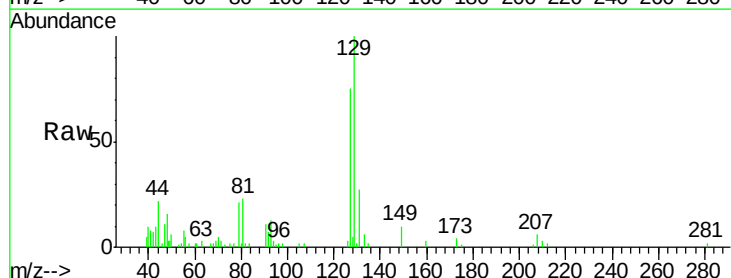
Manual Integrations
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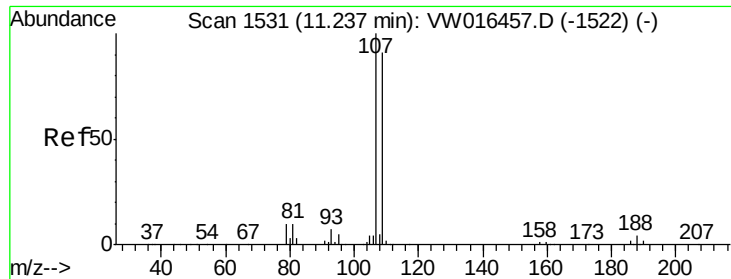
MMDadoda
9/8/2020 10:14:38 AM



#50
Dibromochloromethane
Concen: 0.670 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.5	55.4	103.0





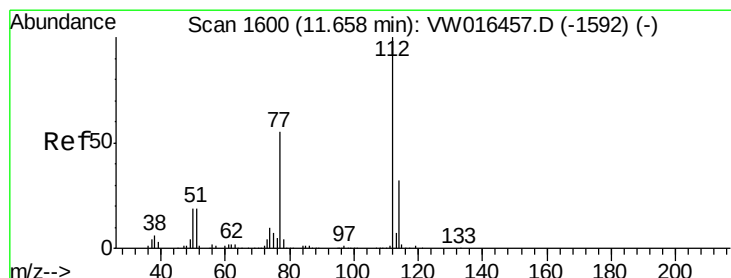
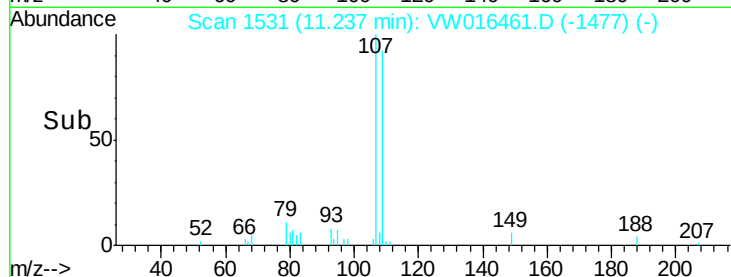
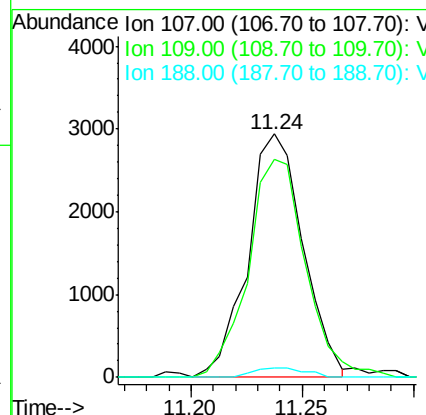
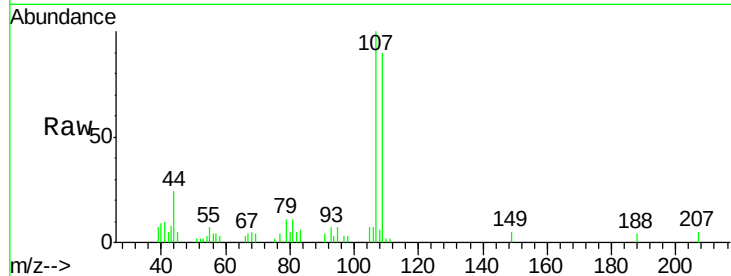
#51
 1,2-Dibromoethane
 Concen: 0.695 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL03

Tot Ion	Ratio	Resp	Lower	Upper
107	100	5068		
109	89.6	64.8	120.4	
188	4.0	3.4	5.0	

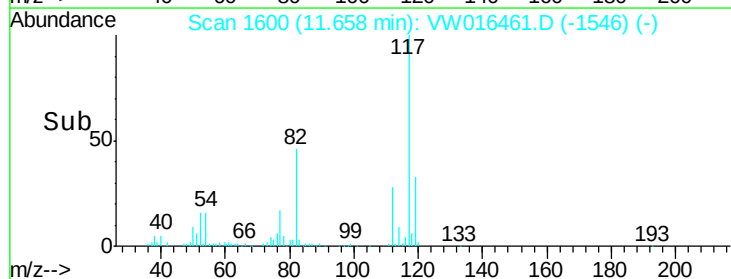
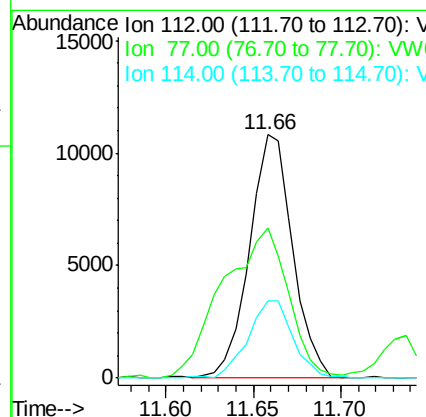
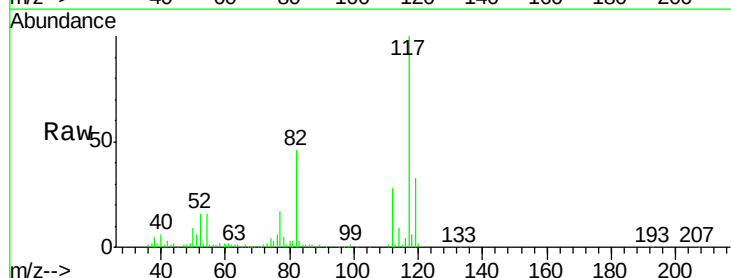
Manual Integrations
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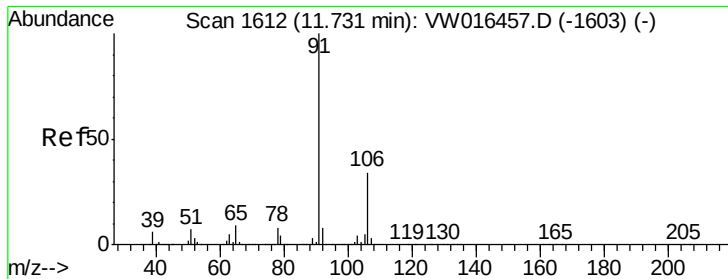
MMDadoda
 9/8/2020 10:14:38 AM



#52
 Chlorobenzene
 Concen: 0.701 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	18538		
77	61.8	46.2	69.2	
114	31.8	21.1	39.3	





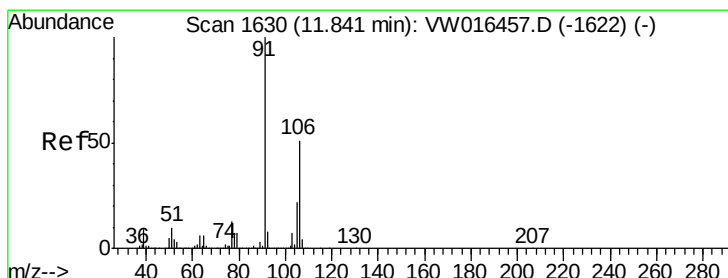
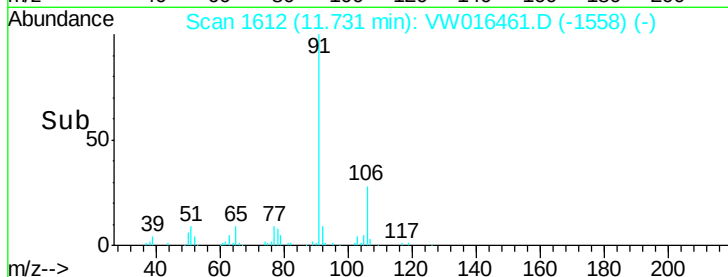
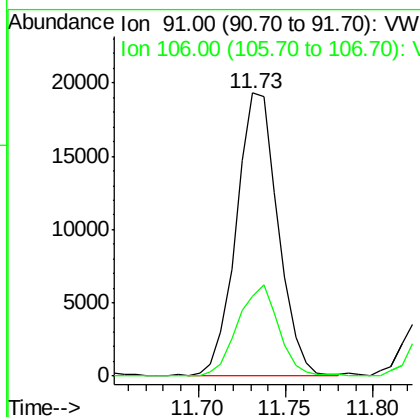
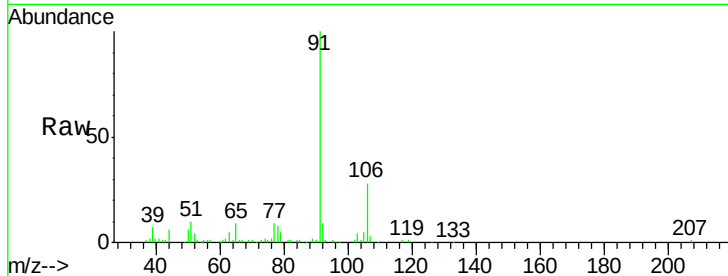
#53
Ethylbenzene
Concen: 0.677 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Instrument :
MSVOA_W
ClientSampled :
MDL03

Tot Ion: 91 Resp: 31788
Ion Ratio Lower Upper
91 100
106 28.1 21.6 40.2

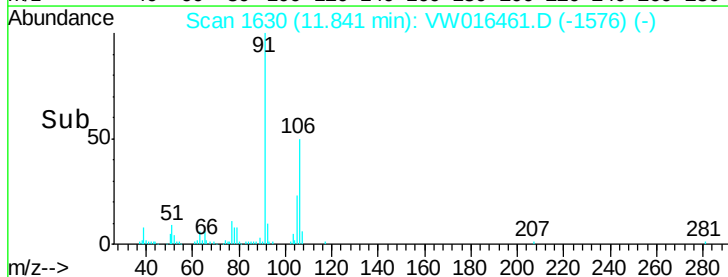
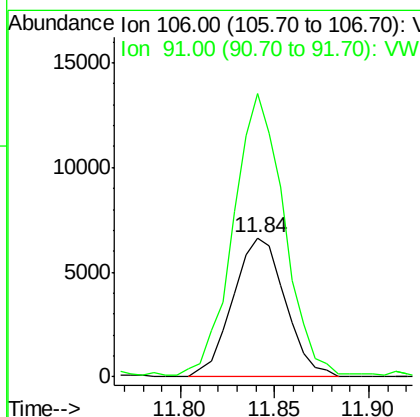
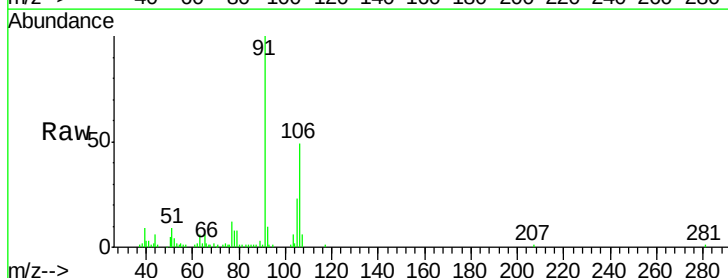
Manual Integrations
APPROVED

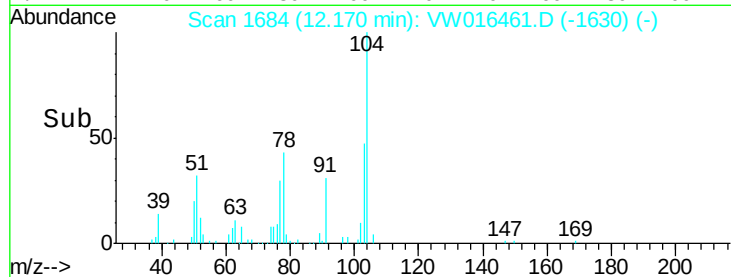
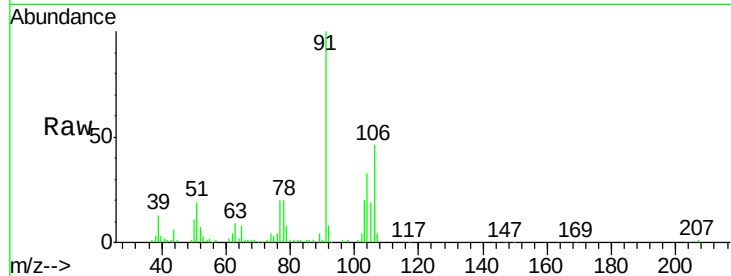
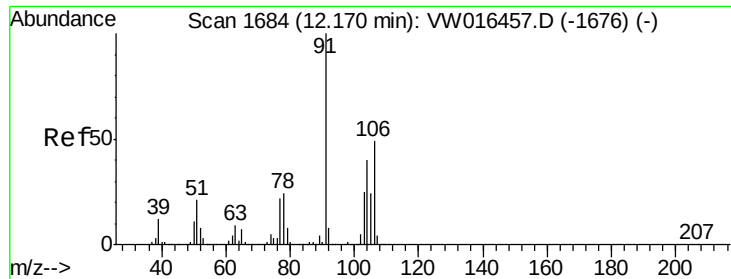
MMDadoda
9/8/2020 10:14:38 AM



#54
m,p-Xylene
Concen: 0.711 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Tgt Ion: 106 Resp: 12749
Ion Ratio Lower Upper
106 100
91 203.4 142.3 264.3





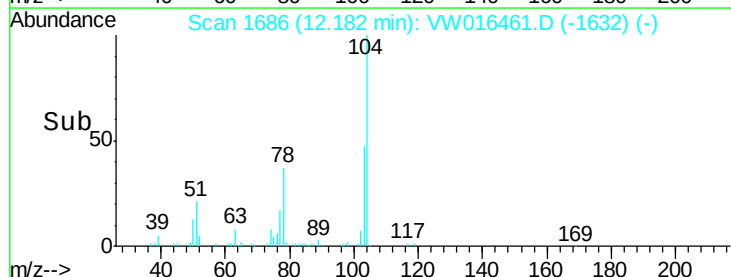
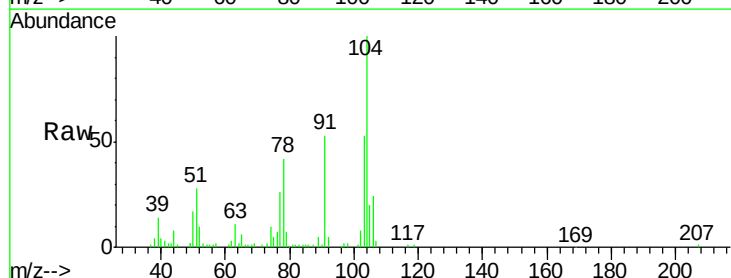
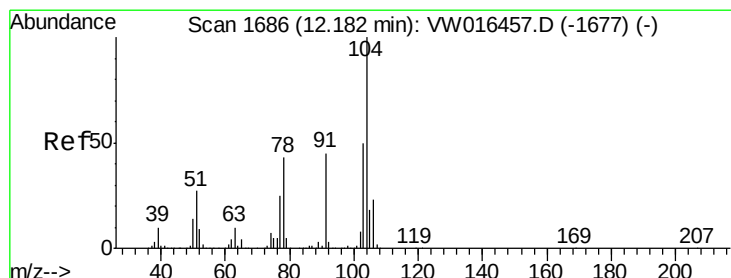
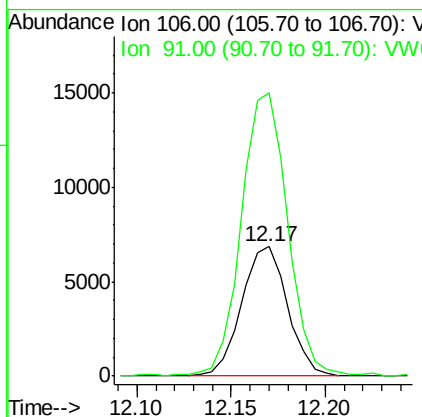
#55
o-xylene
Concen: 0.677 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Tot Ion:106 Resp: 11572
Ion Ratio Lower Upper
106 100
91 218.6 144.3 267.9

Instrument :
MSVOA_W
ClientSampled :
MDL03

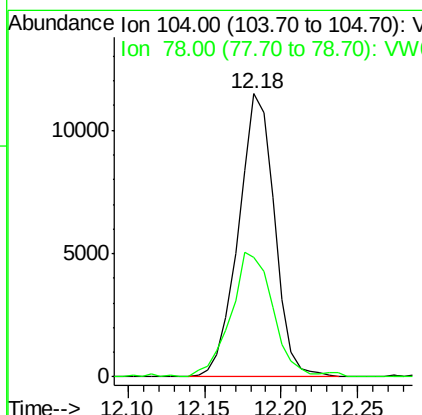
Manual Integrations
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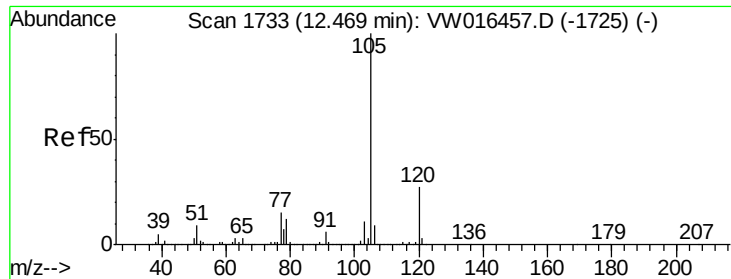
MMDadoda
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#56
Styrene
Concen: 0.642 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016461.D
Acq: 04 Sep 2020 13:43

Tgt Ion:104 Resp: 18845
Ion Ratio Lower Upper
104 100
78 42.4 32.8 61.0





#57

Isopropylbenzene

Concen: 0.706 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW016461.D

Acq: 04 Sep 2020 13:43

Instrument :

MSVOA_W

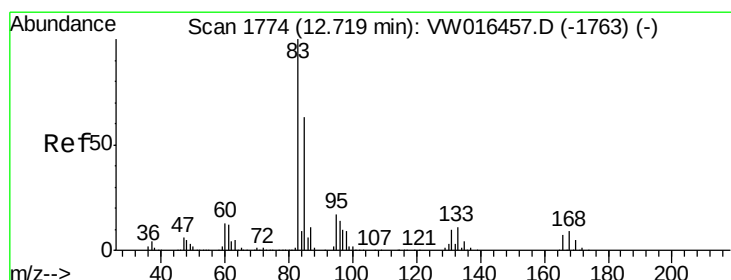
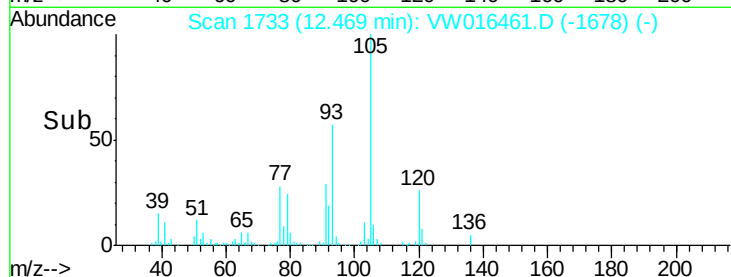
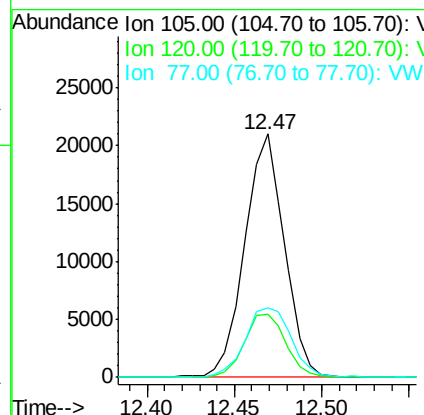
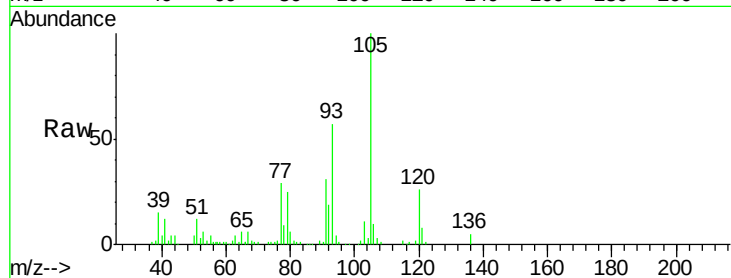
ClientSampled :

MDL03

Tot Ion:	105	Resp:	33036
Ion Ratio	Lower	Upper	
105	100		
120	27.5	21.9	32.9
77	33.3	13.0	19.6#

Manual Integrations
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MMDadoda
9/8/2020 10:14:38 AM



#58

1,1,2,2-Tetrachloroethane

Concen: 0.776 ug/L

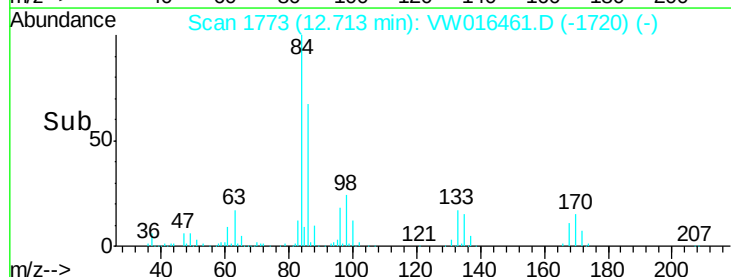
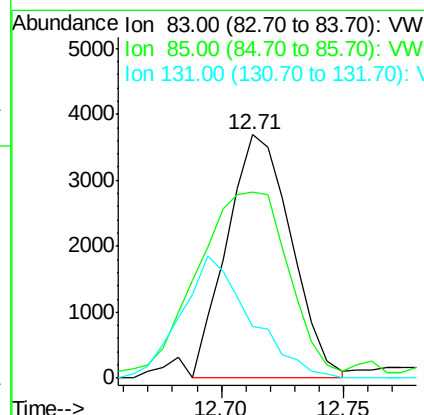
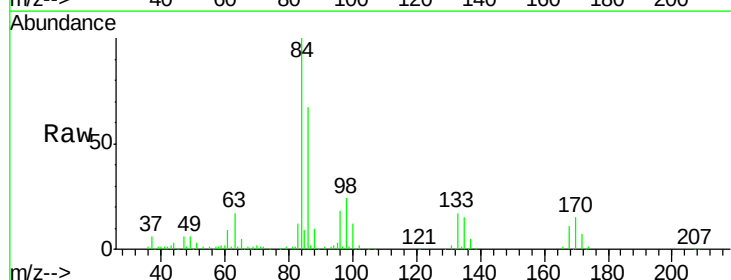
RT: 12.71 min Scan# 1773

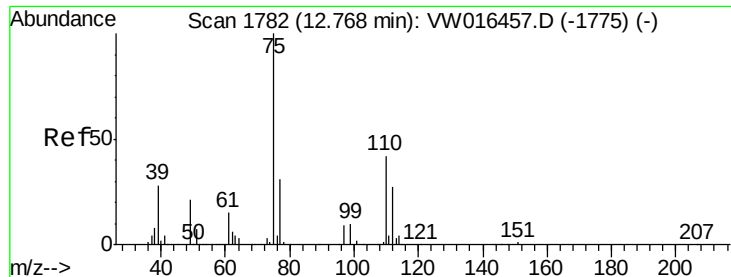
Delta R.T. -0.01 min

Lab File: VW016461.D

Acq: 04 Sep 2020 13:43

Tgt Ion:	83	Resp:	6755
Ion Ratio	Lower	Upper	
83	100		
85	76.1	45.3	84.1
131	21.2	8.7	13.1#





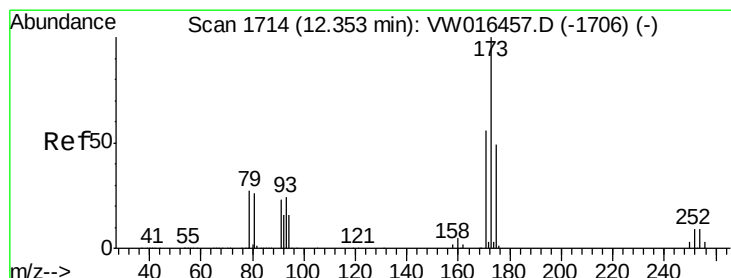
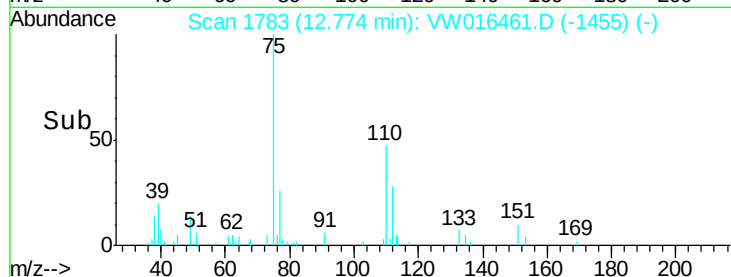
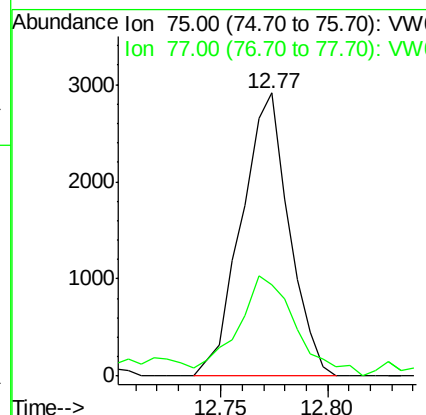
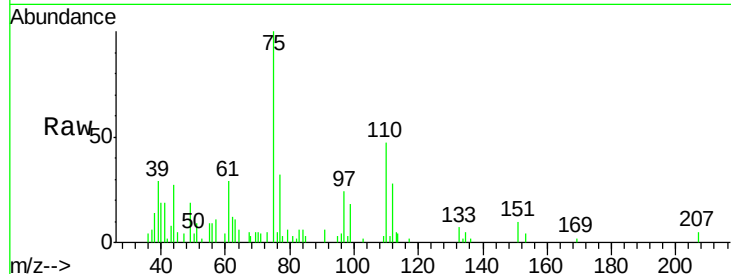
#59
 1,2,3-Trichloropropane
 Concen: 0.696 ug/L m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Instrument :
 MSVOA_W
 ClientSampled :
 MDL03

Tot Ion: 75 Resp: 4523
 Ion Ratio Lower Upper
 75 100
 77 333.7 26.0 39.0#

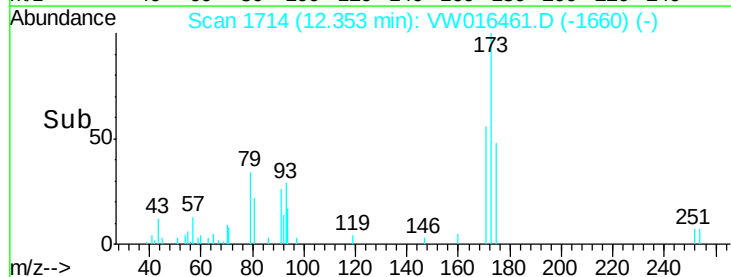
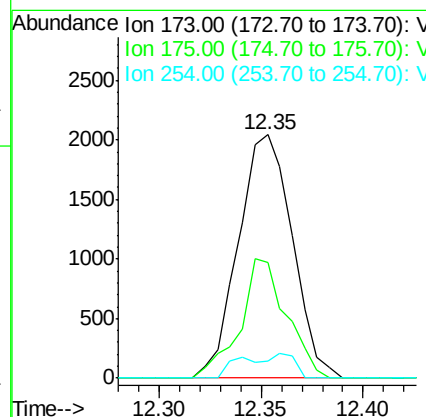
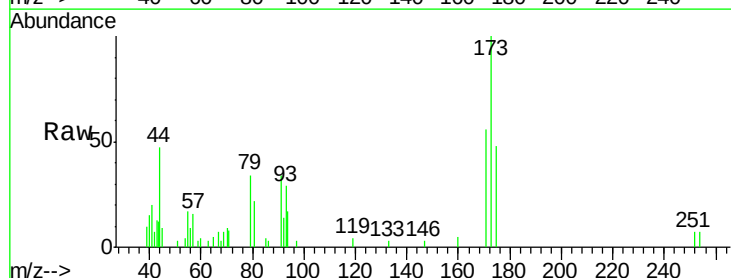
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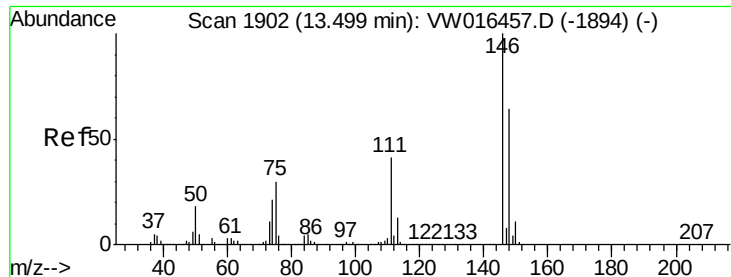
MMDadoda
 9/8/2020 10:14:38 AM



#62
 Bromoform
 Concen: 0.688 ug/L
 RT: 12.35 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Tgt Ion: 173 Resp: 3752
 Ion Ratio Lower Upper
 173 100
 175 42.2 39.2 58.8
 254 5.2 5.8 8.6#





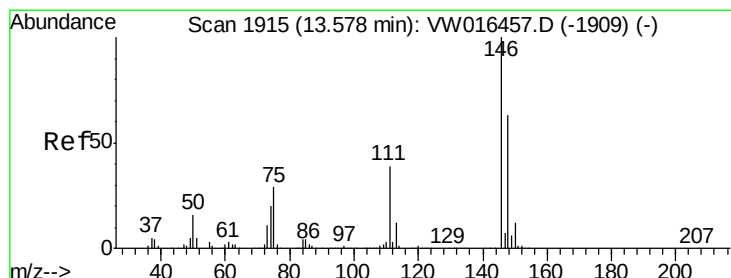
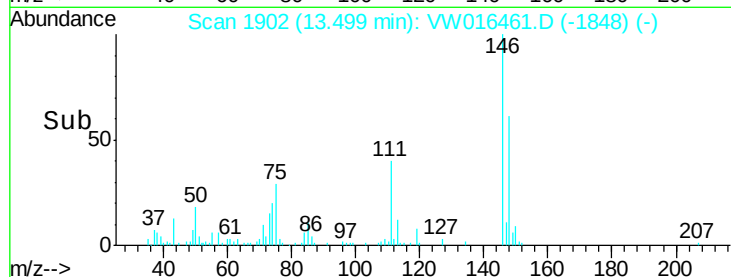
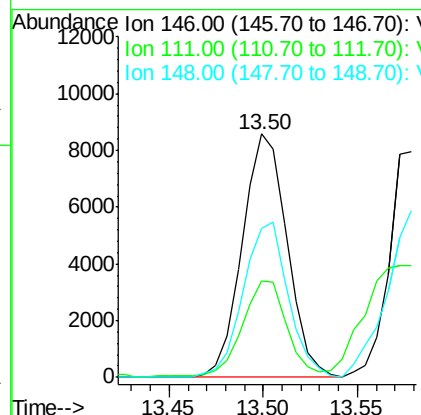
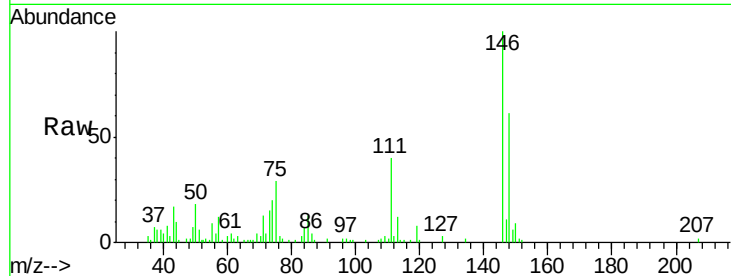
#63
 1,3-Dichlorobenzene
 Concen: 0.690 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL03

Tot Ion:	146	Resp:	14114
Ion Ratio	Lower	Upper	
146	100		
111	39.6	26.5	49.3
148	61.2	41.3	76.7

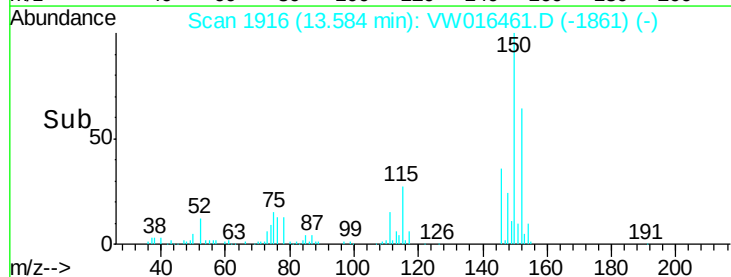
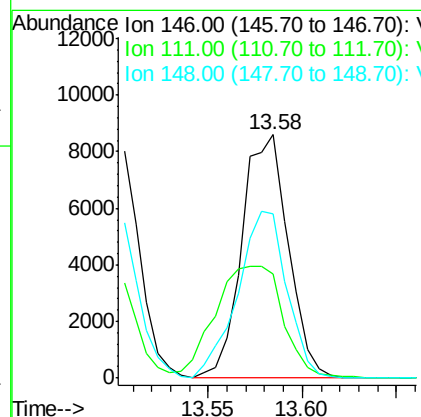
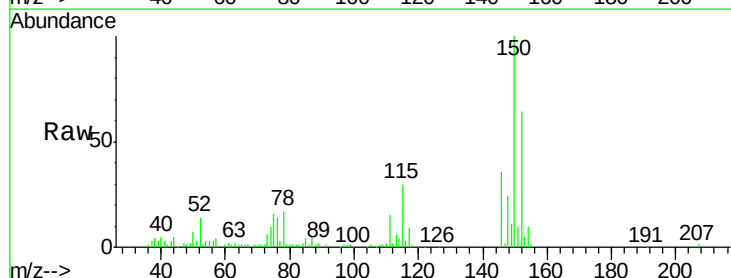
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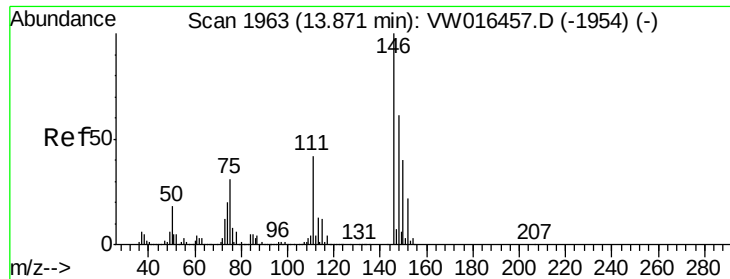
MMDadoda
 9/8/2020 10:14:38 AM



#64
 1,4-Dichlorobenzene
 Concen: 0.723 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Tgt Ion:	146	Resp:	14681
Ion Ratio	Lower	Upper	
146	100		
111	42.8	26.4	49.0
148	67.6	45.1	83.9





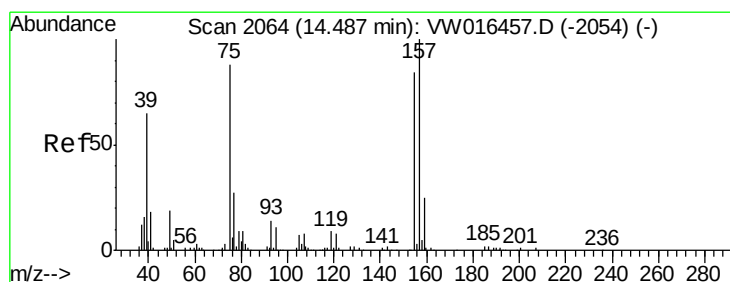
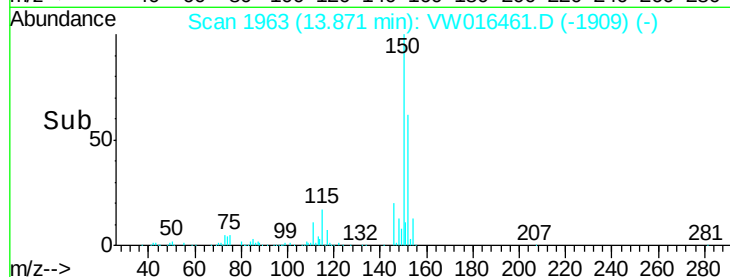
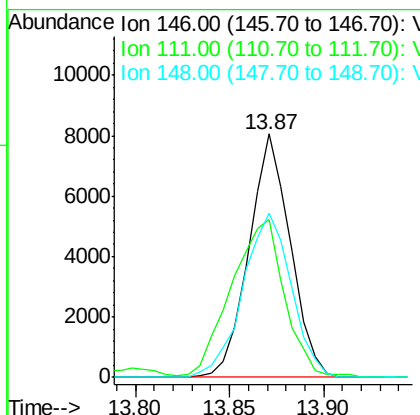
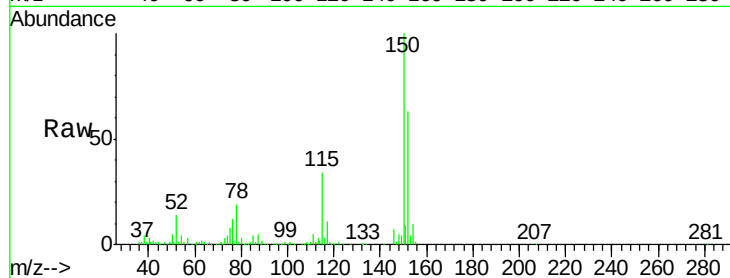
#65
 1,2-Dichlorobenzene
 Concen: 0.672 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Instrument :
 MSVOA_W
 ClientSampled :
 MDL03

Tot Ion	Ratio	Lower	Upper
146	100		
111	64.8	35.3	52.9#
148	67.2	49.8	74.8

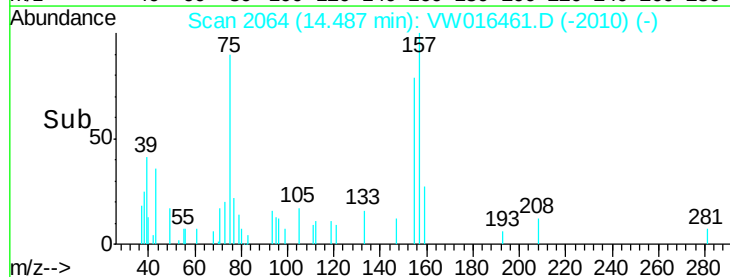
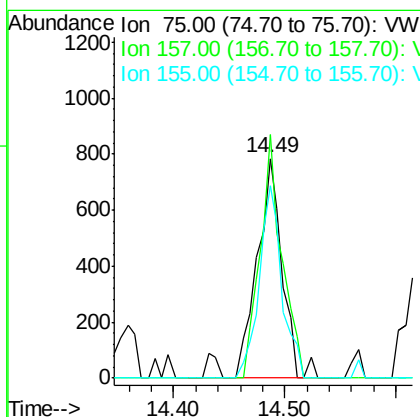
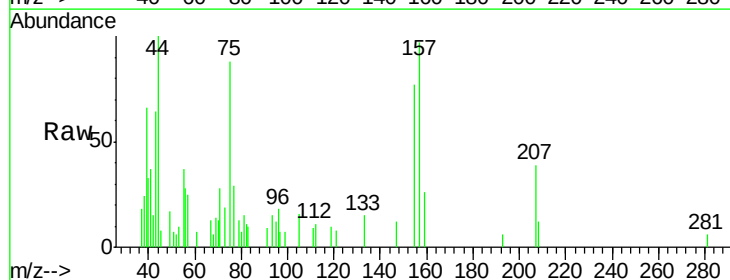
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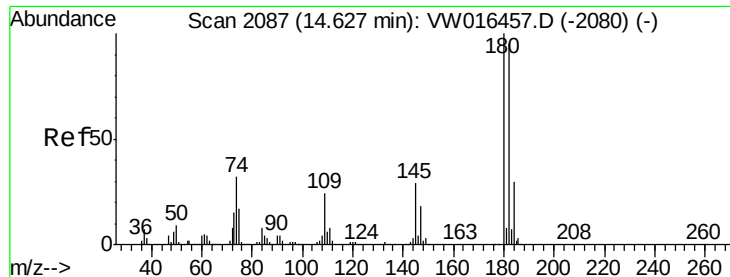
MMDadoda
 9/8/2020 10:14:38 AM



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.756 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
157	110.8	91.4	137.0
155	87.5	71.3	106.9





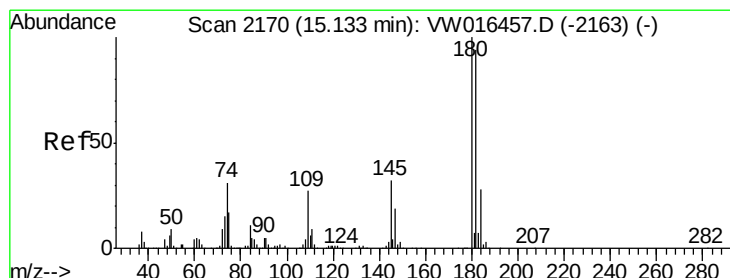
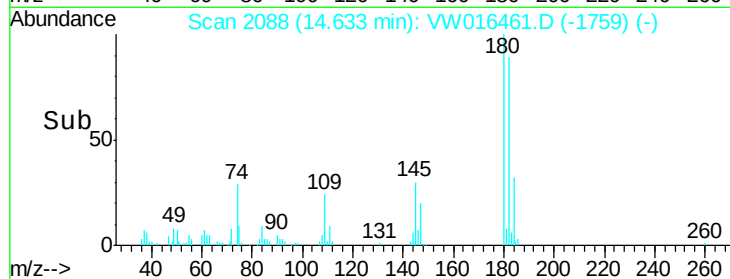
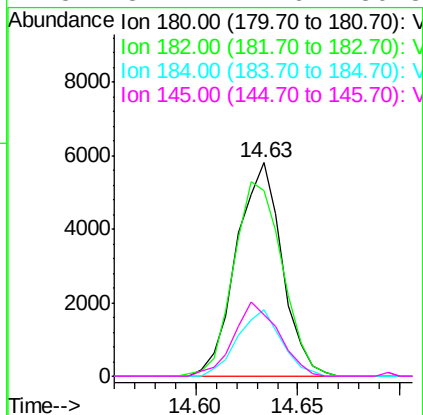
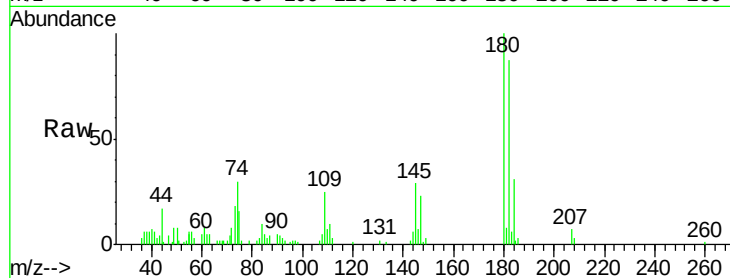
#67
 1,3,5-Trichlorobenzene
 Concen: 0.640 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL03

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.8	113.8
184	30.1	24.2	36.2
145	34.2	24.6	36.8

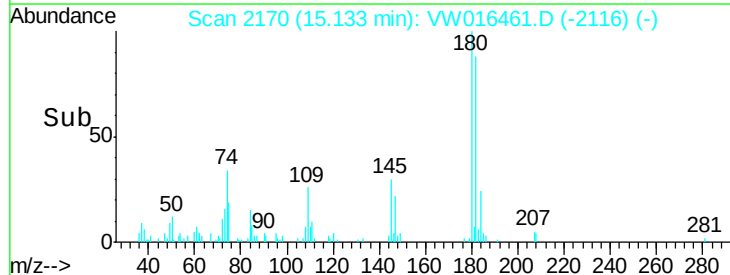
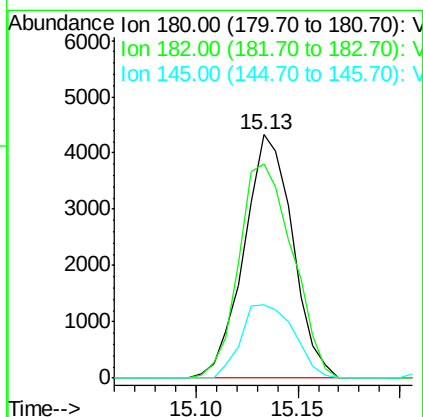
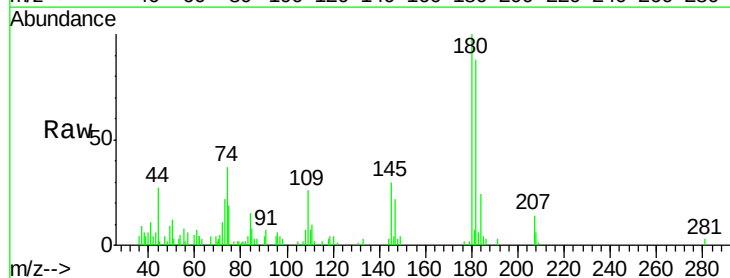
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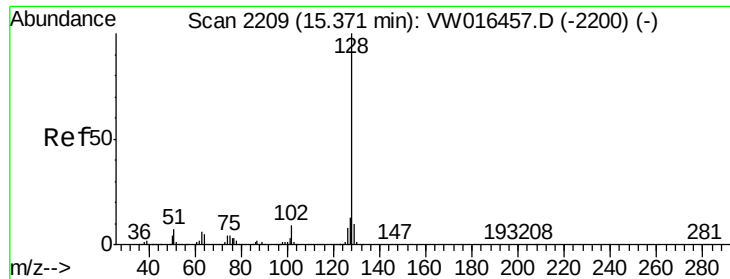
MMDadoda
 9/8/2020 10:14:38 AM



#68
 1,2,4-trichlorobenzene
 Concen: 0.588 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016461.D
 Acq: 04 Sep 2020 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	78.5	117.7
145	32.9	25.6	38.4





#69

Naphthalene

Concen: 0.559 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW016461.D

Acq: 04 Sep 2020 13:43

Instrument :

MSVOA_W

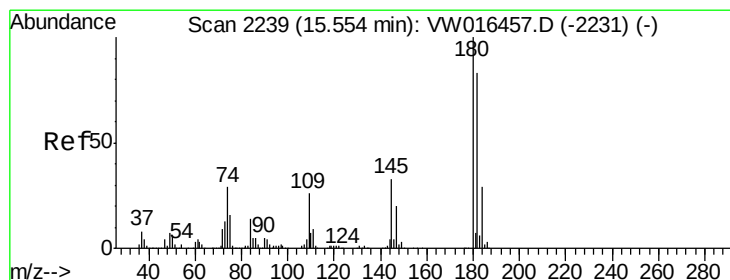
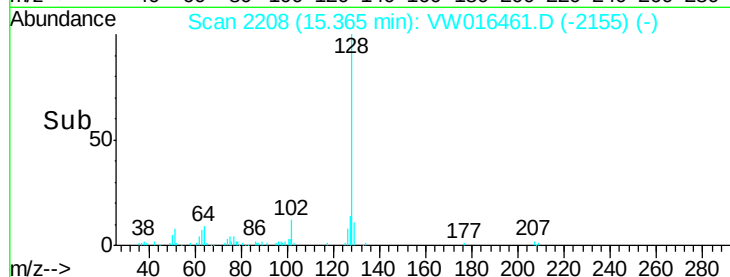
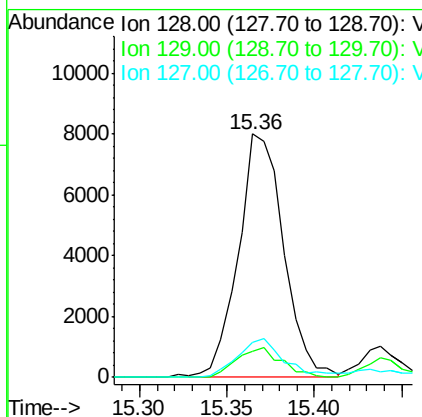
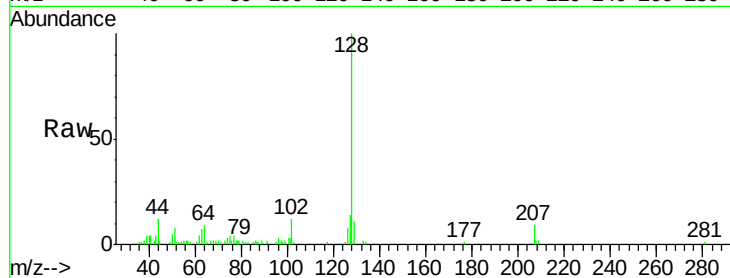
ClientSampled :

MDL03

Tot Ion:	128	Resp:	14383
Ion Ratio	Lower	Upper	
128	100		
129	12.1	8.7	13.1
127	15.2	10.5	15.7

Manual Integrations
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#70

1,2,3-Trichlorobenzene

Concen: 0.615 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW016461.D

Acq: 04 Sep 2020 13:43

Tgt Ion:	180	Resp:	6440
Ion Ratio	Lower	Upper	
180	100		
182	91.0	76.1	114.1
145	35.4	28.1	42.1

