

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041221\
 Data File : VW018632.D
 Acq On : 12 Apr 2021 18:58
 Operator : SY/VA
 Sample : M2011-08RE
 Misc : 6.67G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG788RE

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 11:48:45 AM

Quant Time: Apr 17 04:29:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM033121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 17 04:26:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	158639	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	141416	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65249	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	55543	21.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.12%		
7) Chloroethane-d5	2.885	69	46211	22.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.64%		
11) 1,1-Dichloroethene-d2	4.013	63	64145	16.17	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.68%		
21) 2-Butanone-d5	7.086	46	23010	43.28	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.56%		
24) Chloroform-d	7.653	84	84948	20.38	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.52%		
26) 1,2-Dichloroethane-d4	8.311	65	50405	20.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.48%		
32) Benzene-d6	8.275	84	162720	21.94	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.76%		
36) 1,2-Dichloropropane-d6	9.274	67	47801	22.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.48%		
41) Toluene-d8	10.323	98	156710	21.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.12%		
43) trans-1,3-Dichloroprop...	10.579	79	14099	13.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	52.40%		
47) 2-Hexanone-d5	10.927	63	16715	39.52	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.04%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	42303	20.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.92%		
66) 1,2-Dichlorobenzene-d4	13.853	152	47599	21.56	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.24%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	3426m	1.93	ug/L	
3) Chloromethane	2.215	50	5408	2.44	ug/L	91
5) Vinyl chloride	2.361	62	7540	2.25	ug/L #	76
6) Bromomethane	2.782	94	5199	2.19	ug/L	89
8) Chloroethane	2.922	64	4677	2.39	ug/L	93
9) Trichlorofluoromethane	3.263	101	6831	4.59	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	5868m	2.75	ug/L	
12) 1,1-Dichloroethene	4.044	96	4895	2.30	ug/L #	1
13) Acetone	4.117	43	6024	16.07	ug/L	76
14) Carbon disulfide	4.385	76	8992	1.40	ug/L	96
15) Methyl Acetate	4.678	43	2378m	2.52	ug/L	
16) Methylene chloride	4.915	84	7598	3.20	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	4681	2.03	ug/L #	72
18) Methyl tert-butyl Ether	5.421	73	8061m	2.75	ug/L	
19) 1,1-Dichloroethane	6.214	63	8259	2.09	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	4524	1.87	ug/L	100
22) 2-Butanone	7.177	43	4141m	6.87	ug/L	
23) Bromochloromethane	7.519	128	2275m	2.01	ug/L	
25) Chloroform	7.671	83	9477	2.21	ug/L	97

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	8.403	62	5850	1.91	ug/L #	82
29) Cyclohexane	7.958	56	7156	2.19	ug/L #	92
30) 1,1,1-Trichloroethane	7.866	97	8088	2.54	ug/L #	86
31) Carbon tetrachloride	8.080	117	5435	1.79	ug/L	98
33) Benzene	8.329	78	18840	2.23	ug/L	100
34) Trichloroethene	9.092	95	4975	2.13	ug/L	95
35) Methylcyclohexane	9.335	83	8149	2.06	ug/L	97
37) 1,2-Dichloropropane	9.372	63	4253	2.11	ug/L #	90
38) Bromodichloromethane	9.646	83	4344	1.50	ug/L #	96
39) cis-1,3-Dichloropropene	10.079	75	4071	1.23	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	6559	4.98	ug/L	96
42) Toluene	10.390	91	21394	2.23	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	4412	1.43	ug/L	93
45) 1,1,2-Trichloroethane	10.780	97	3335	1.97	ug/L	96
46) Tetrachloroethene	10.860	164	4083	2.32	ug/L	88
48) 2-Hexanone	10.969	43	3837	4.09	ug/L #	91
49) Dibromochloromethane	11.134	129	2239	1.12	ug/L	95
50) 1,2-Dibromoethane	11.237	107	3243	1.88	ug/L #	82
51) Chlorobenzene	11.658	112	12341	2.01	ug/L	98
52) Ethylbenzene	11.731	91	20716	1.91	ug/L	98
53) m,p-Xylene	11.841	106	7286	1.81	ug/L	97
54) o-Xylene	12.164	106	6709	1.71	ug/L	98
55) Styrene	12.182	104	10035	1.49	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	4459	2.07	ug/L	93
59) Bromoform	12.353	173	1199	1.18	ug/L #	85
60) Isopropylbenzene	12.463	105	19501	2.10	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	3477	2.48	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	15636	2.00	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	15188	1.92	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	7952	1.93	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	9621	2.29	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	8418	2.22	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	652m	1.93	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	6504	2.17	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	4407	1.74	ug/L	92
71) Naphthalene	15.359	128	8618	1.61	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	4424m	1.95	ug/L	

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

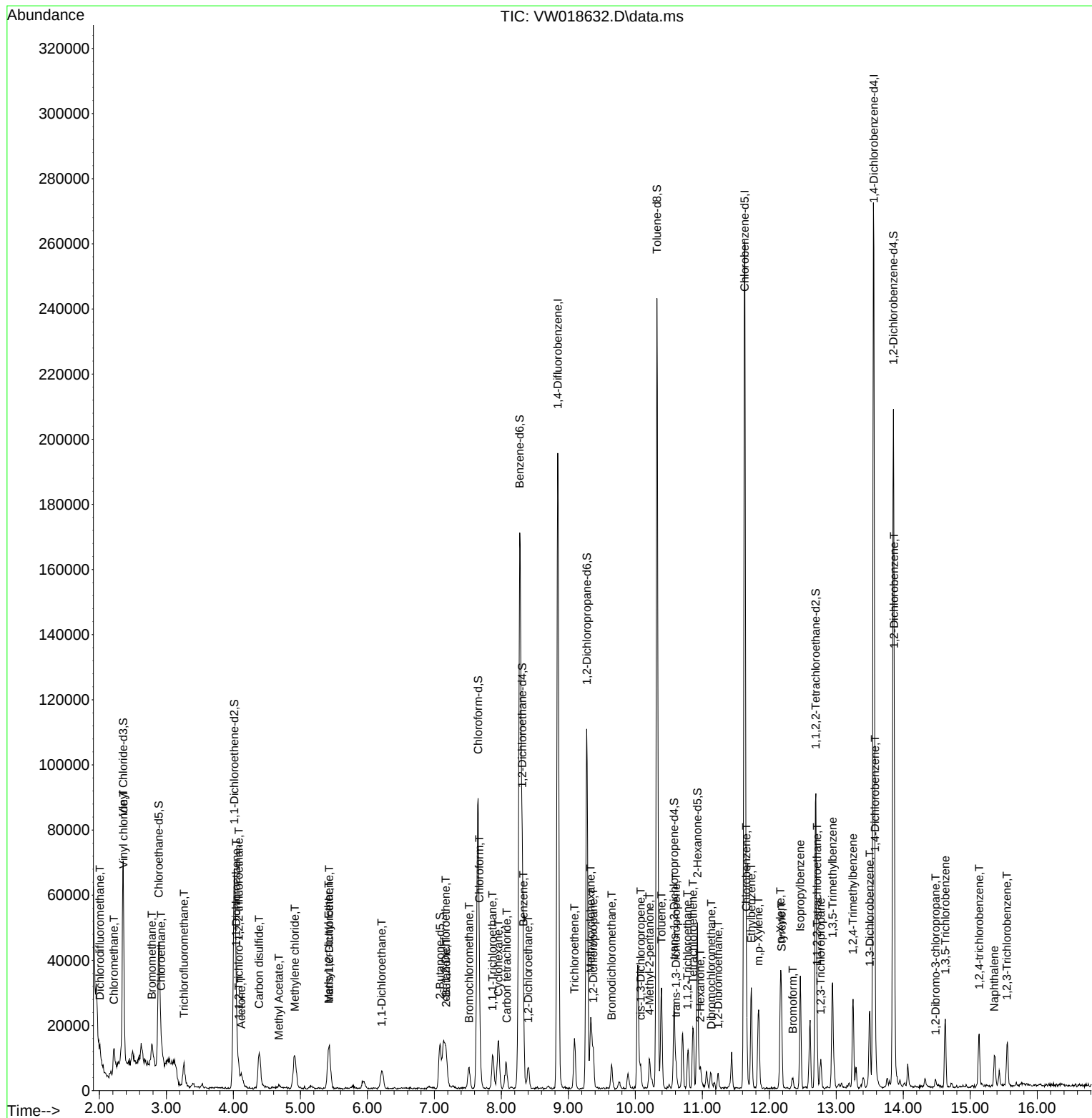
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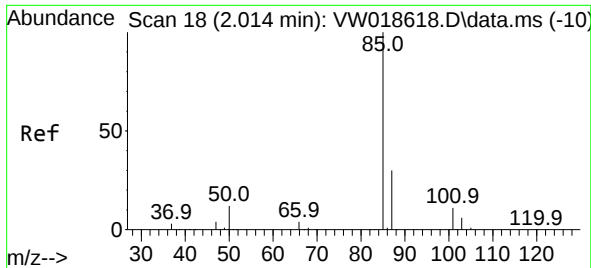
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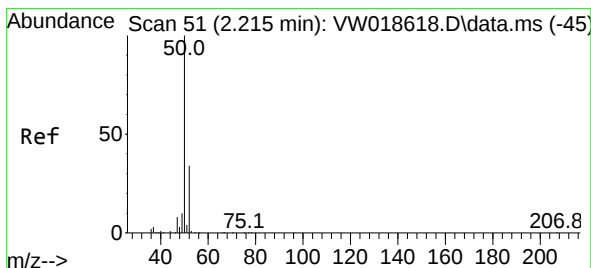
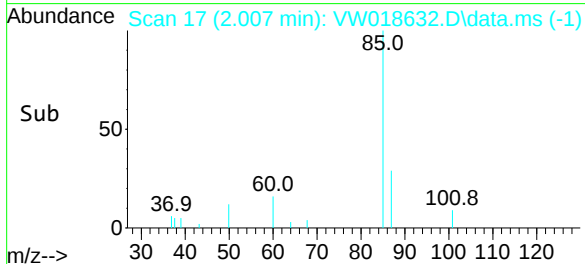
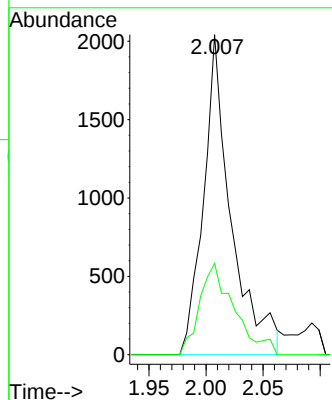
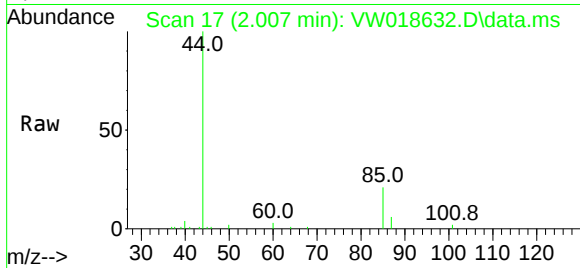
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 Dichlorodifluoromethane
 Concen: 1.93 ug/L m
 RT: 2.007 min Scan# 17
 Delta R.T. -0.006 min
 Lab File: VW018632.D
 Acq: 12 Apr 2021 18:58

Tgt Ion: 85 Resp: 3426
 Ion Ratio Lower Upper
 85 100
 87 2.0 23.3 34.9#

Instrument :
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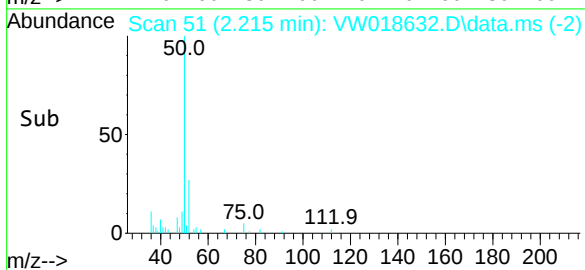
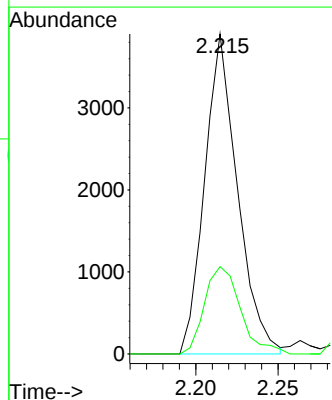
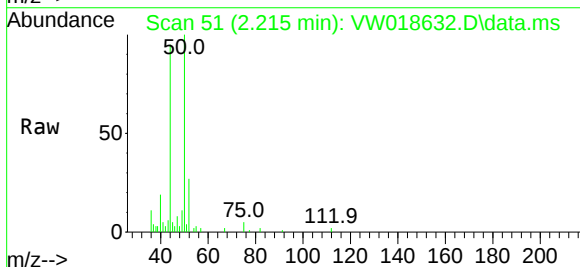
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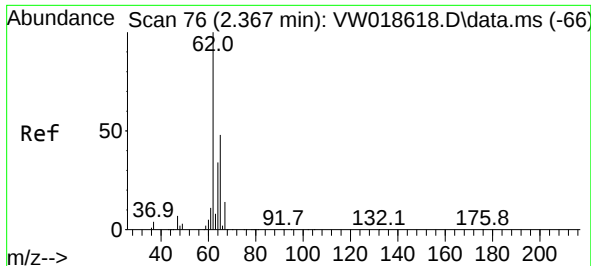
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#3
 Chloromethane
 Concen: 2.44 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW018632.D
 Acq: 12 Apr 2021 18:58

Tgt Ion: 50 Resp: 5408
 Ion Ratio Lower Upper
 50 100
 52 27.3 22.5 41.9





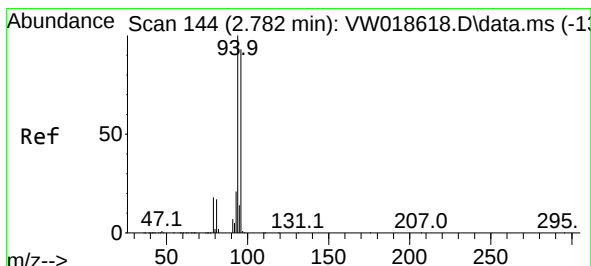
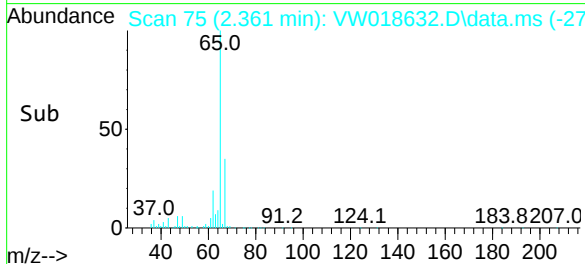
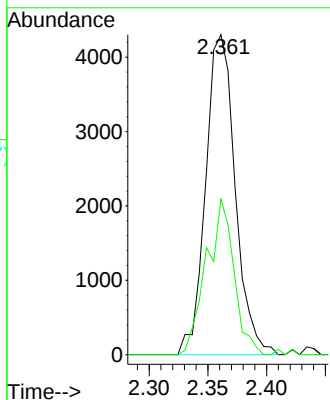
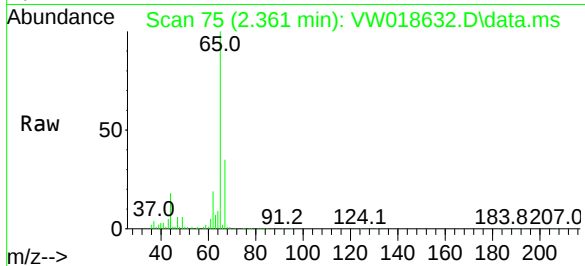
#5
 Vinyl chloride
 Concen: 2.25 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: VW018632.D
 Acq: 12 Apr 2021 18:58

Tgt Ion: 62 Resp: 7540
 Ion Ratio Lower Upper
 62 100
 64 48.6 24.2 45.0#

Instrument :
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 ClientSampleId :
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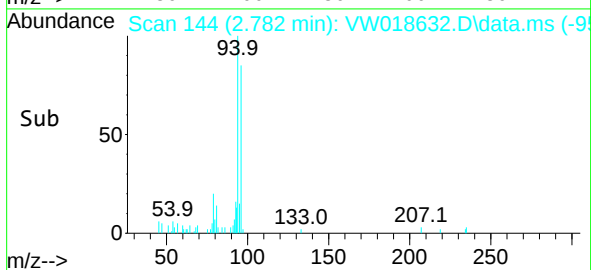
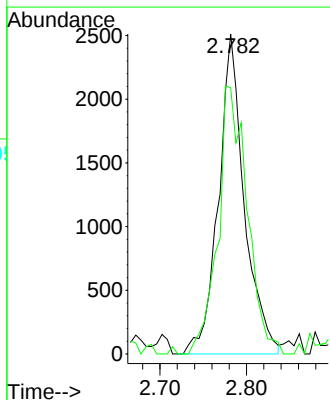
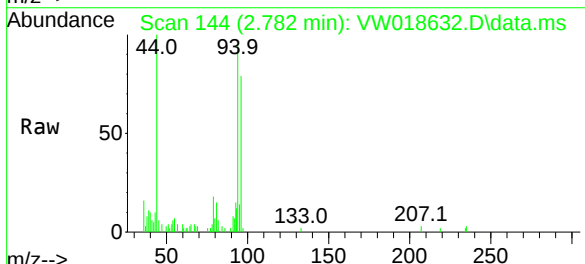
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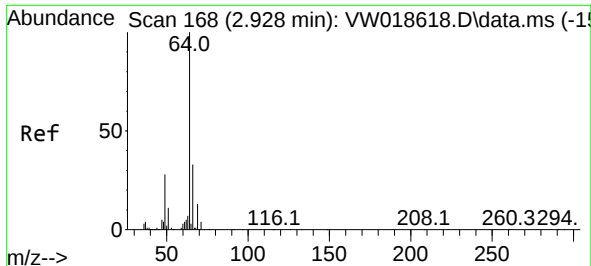
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#6
 Bromomethane
 Concen: 2.19 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018632.D
 Acq: 12 Apr 2021 18:58

Tgt Ion: 94 Resp: 5199
 Ion Ratio Lower Upper
 94 100
 96 83.2 65.3 121.3





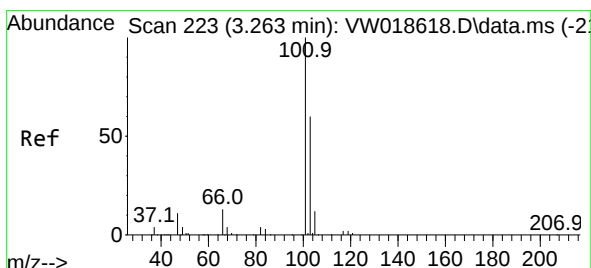
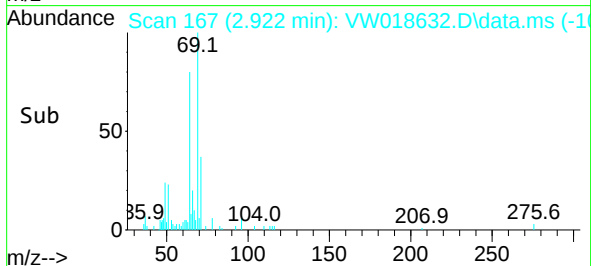
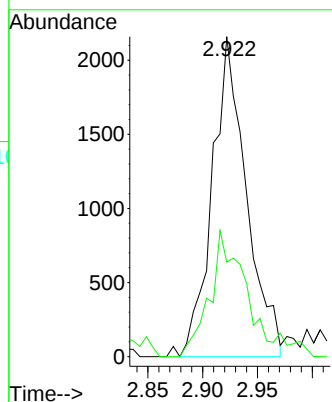
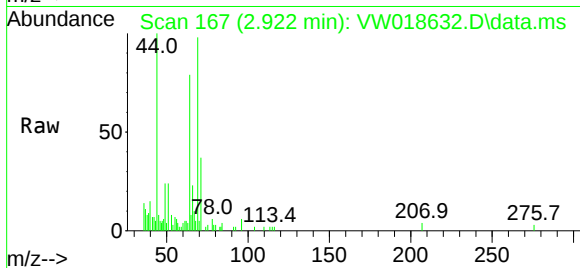
#8
Chloroethane
Concen: 2.39 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

Tgt Ion: 64 Resp: 4677
Ion Ratio Lower Upper
64 100
66 29.6 23.4 43.6

Instrument :
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ClientSampleId :
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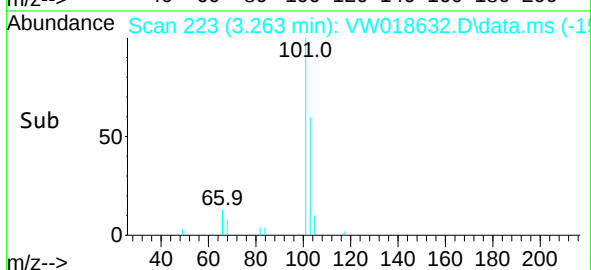
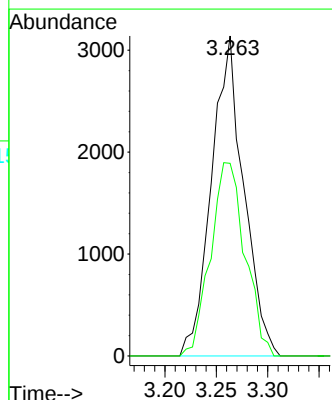
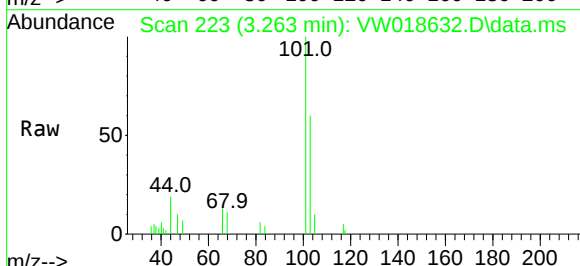
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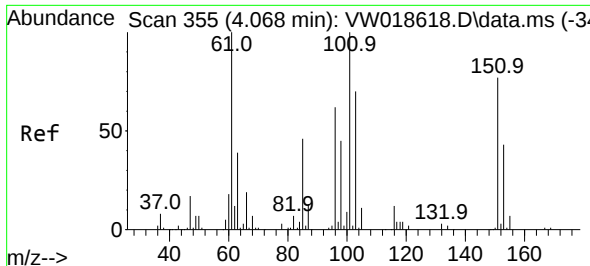
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#9
Trichlorofluoromethane
Concen: 4.59 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

Tgt Ion: 101 Resp: 6831
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.4





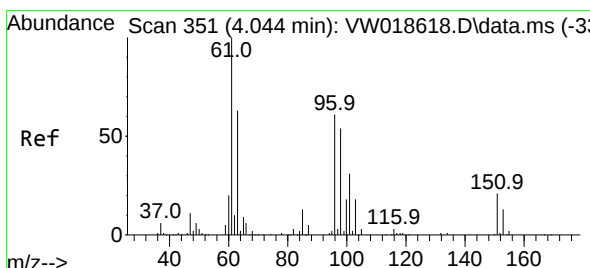
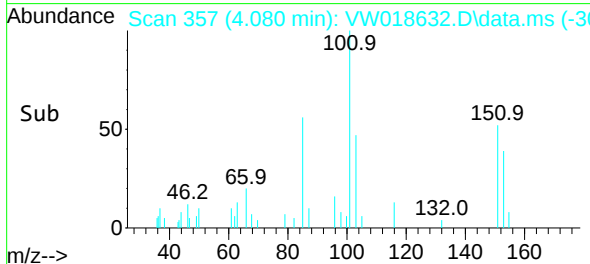
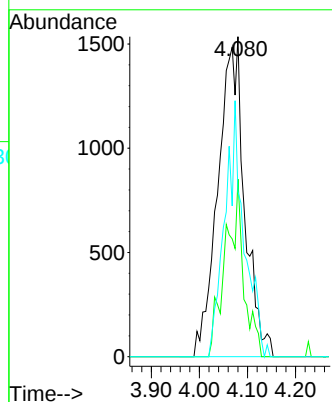
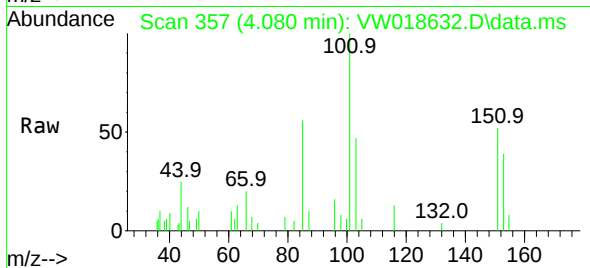
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.75 ug/L m
RT: 4.080 min Scan# 357
Delta R.T. 0.012 min
Lab File: VW018632.D
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Tgt Ion:101 Resp: 5868
Ion Ratio Lower Upper
101 100
85 9.4 38.2 57.2#
151 27.6 56.6 85.0#

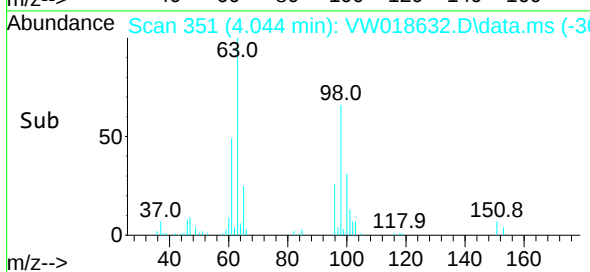
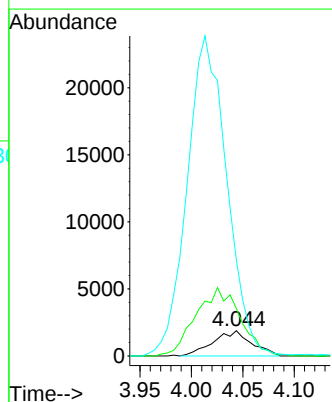
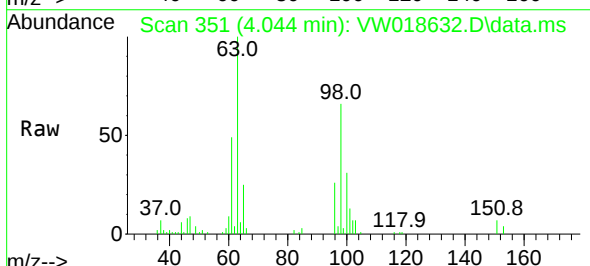
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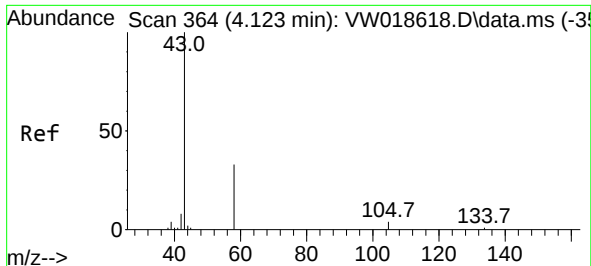
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#12
1,1-Dichloroethene
Concen: 2.30 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

Tgt Ion: 96 Resp: 4895
Ion Ratio Lower Upper
96 100
61 187.7 118.1 219.3
63 380.3 83.7 155.5#





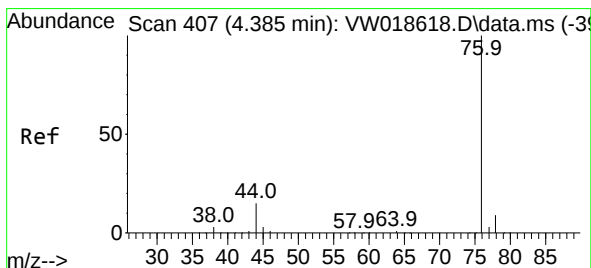
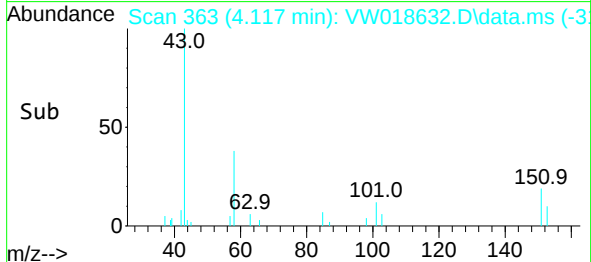
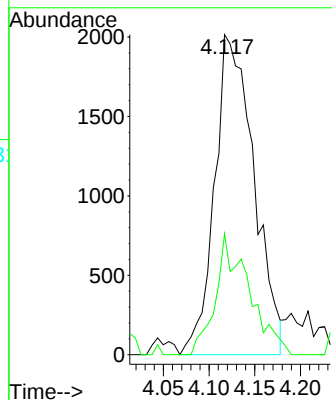
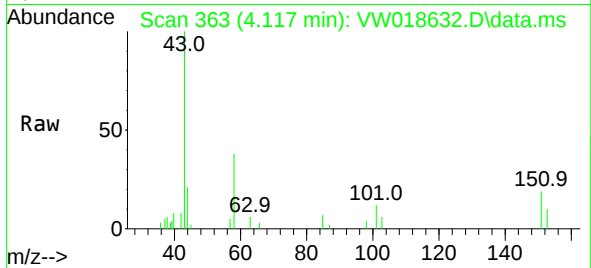
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Acetone
Concen: 16.07 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
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Tgt Ion: 43 Resp: 6024
Ion Ratio Lower Upper
43 100
58 14.7 0.0 53.8

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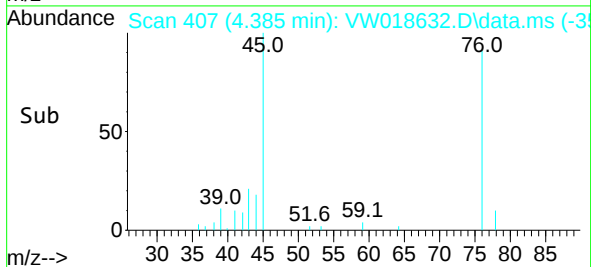
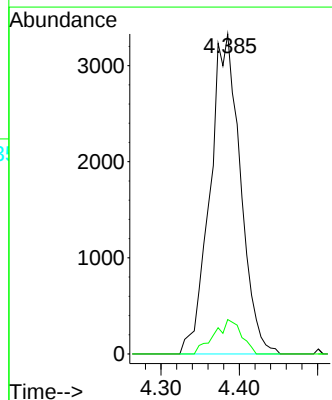
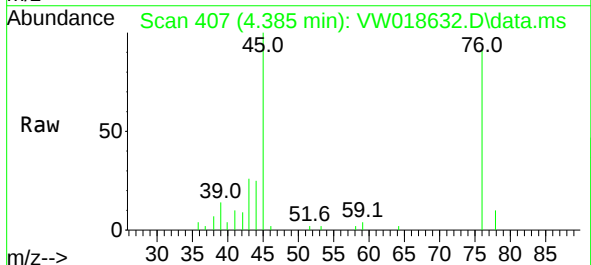
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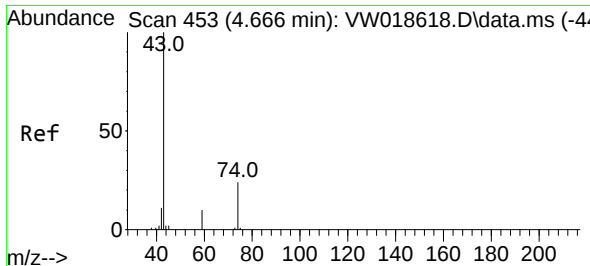
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4/19/2021 11:48:45 AM



#14
Carbon disulfide
Concen: 1.40 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

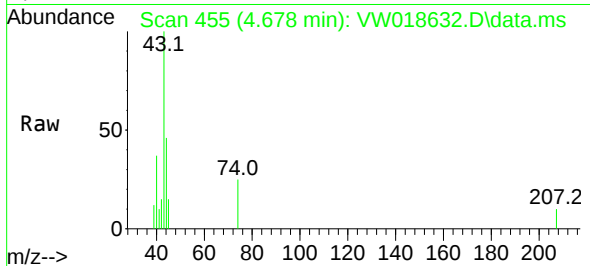
Tgt Ion: 76 Resp: 8992
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0





#15
Methyl Acetate
Concen: 2.52 ug/L m
RT: 4.678 min Scan# 455
Delta R.T. 0.012 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

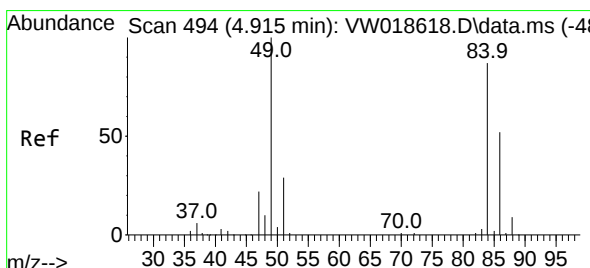
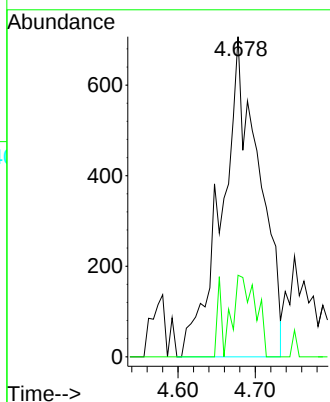
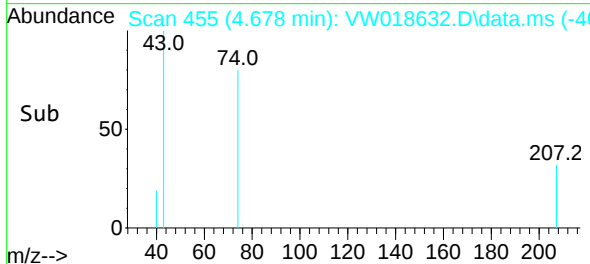
Instrument :
MSVOA_W
ClientSampled :
BG788RE



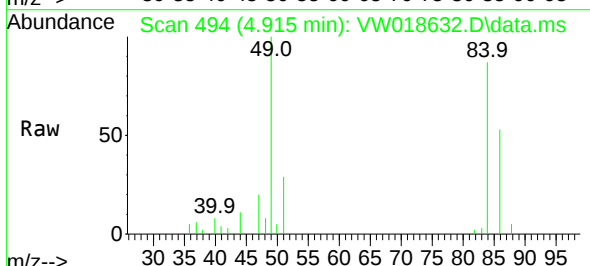
Tgt Ion: 43 Resp: 2378
Ion Ratio Lower Upper
43 100
74 15.5 20.0 30.0#

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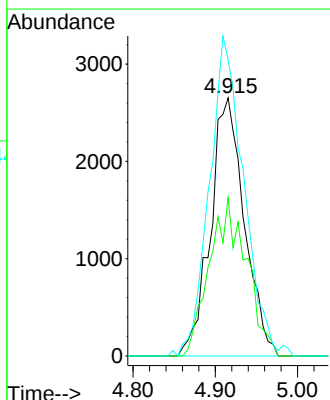
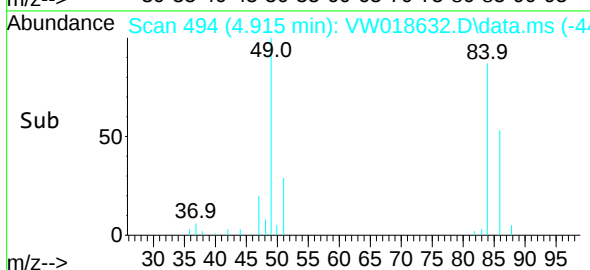
MMDadoda
4/19/2021 11:48:45 AM

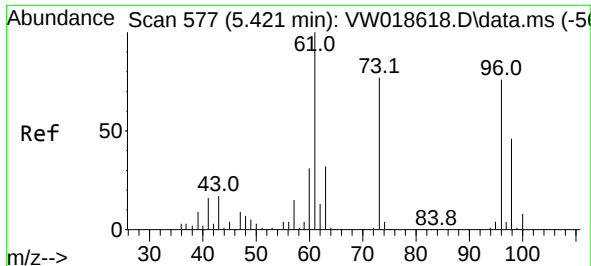


#16
Methylene chloride
Concen: 3.20 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58



Tgt Ion: 84 Resp: 7598
Ion Ratio Lower Upper
84 100
86 61.4 45.3 84.1
49 114.8 86.6 160.8





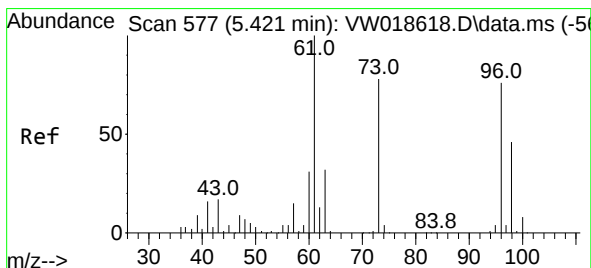
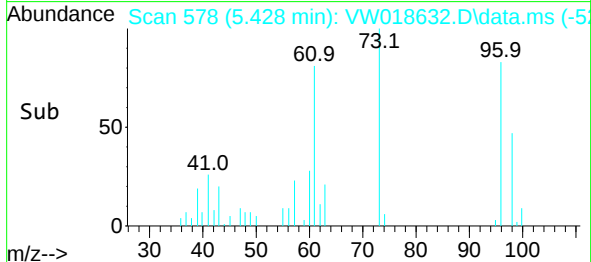
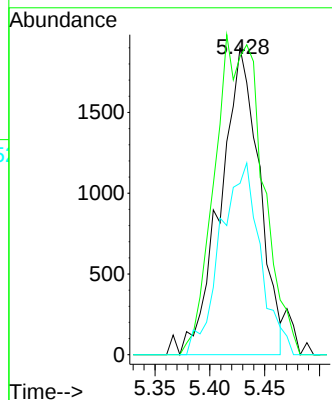
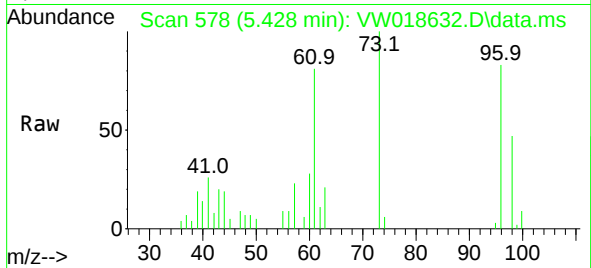
#17
trans-1,2-Dichloroethene
Concen: 2.03 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

Tgt Ion: 96 Resp: 4681
Ion Ratio Lower Upper
96 100
61 97.1 98.3 182.7#
98 55.8 46.1 85.7

Instrument :
MSVOA_W
ClientSampled :
BG788RE

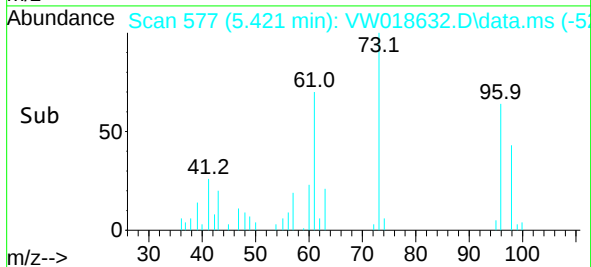
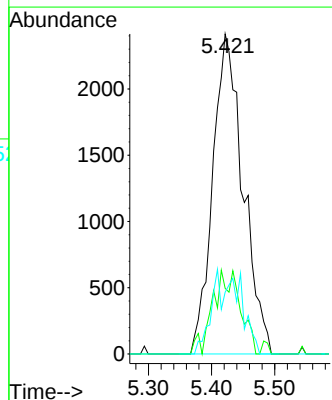
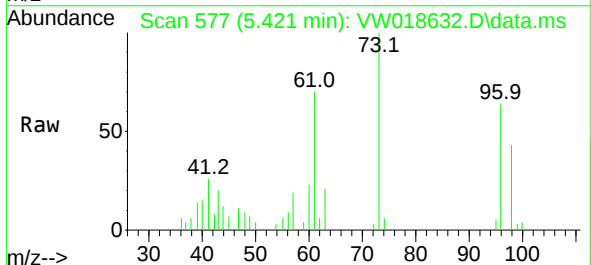
Manual Integrations
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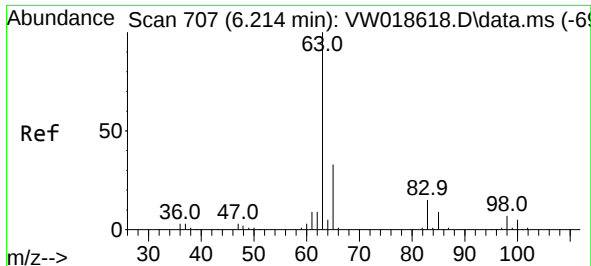
MMDadoda
4/19/2021 11:48:45 AM



#18
Methyl tert-butyl Ether
Concen: 2.75 ug/L m
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

Tgt Ion: 73 Resp: 8061
Ion Ratio Lower Upper
73 100
43 7.2 17.7 26.5#
57 0.0 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 2.09 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW018632.D

Acq: 12 Apr 2021 18:58

Tgt Ion:	63	Resp:	8259
Ion	Ratio	Lower	Upper
63	100		
65	33.3	22.9	42.5
83	12.4	10.2	19.0

Instrument :

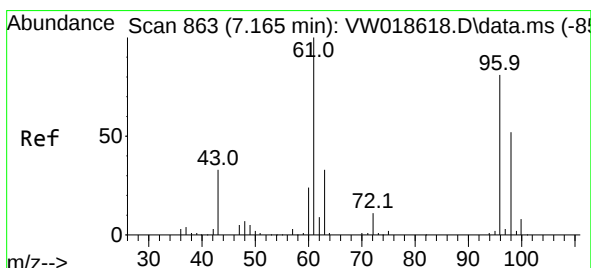
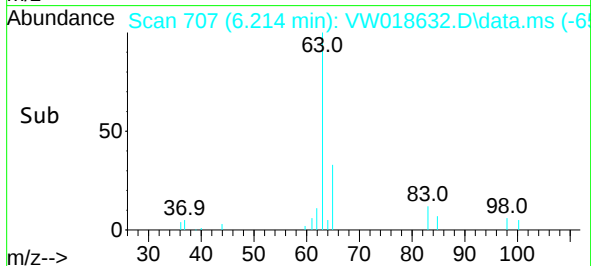
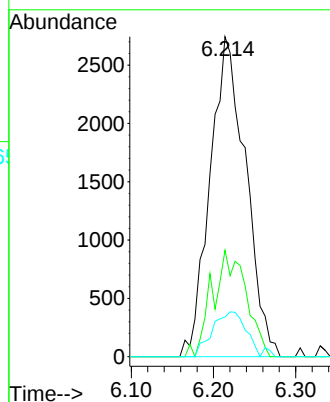
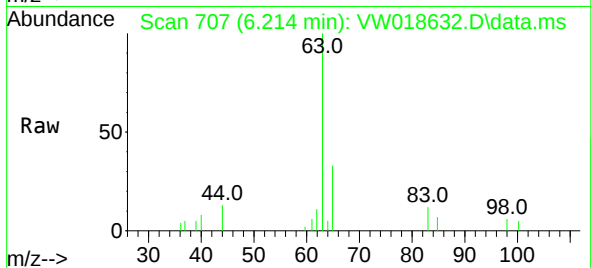
MSVOA_W

ClientSampleId :

BG788RE

Manual Integrations
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MMDadoda
4/19/2021 11:48:45 AM



#20

cis-1,2-Dichloroethene

Concen: 1.87 ug/L

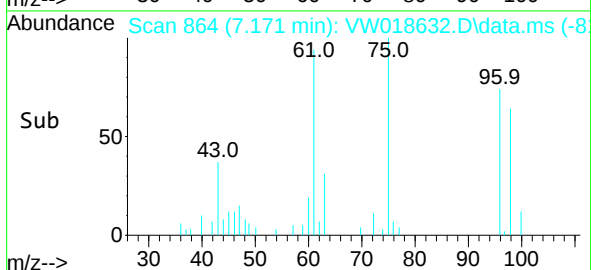
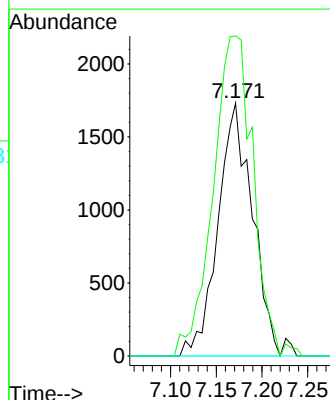
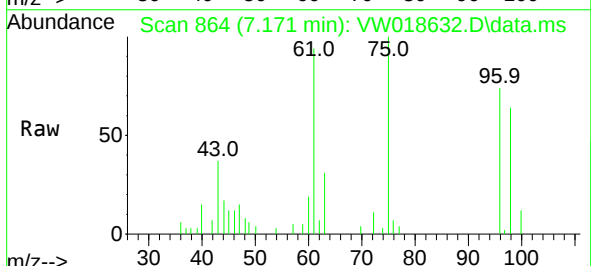
RT: 7.171 min Scan# 864

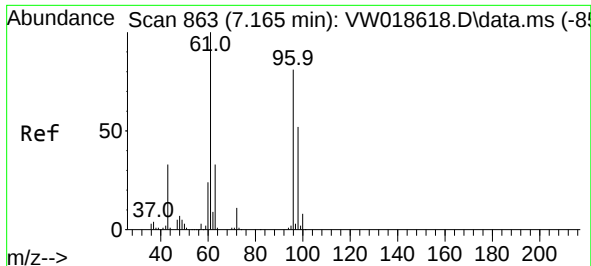
Delta R.T. 0.006 min

Lab File: VW018632.D

Acq: 12 Apr 2021 18:58

Tgt Ion:	96	Resp:	4524
Ion	Ratio	Lower	Upper
96	100		
61	126.5	88.5	164.3
68	0.0	0.0	0.0





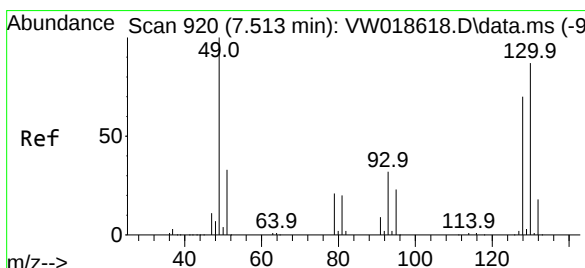
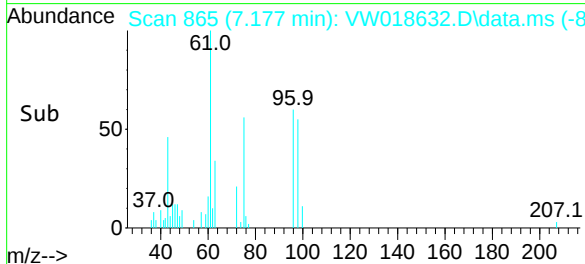
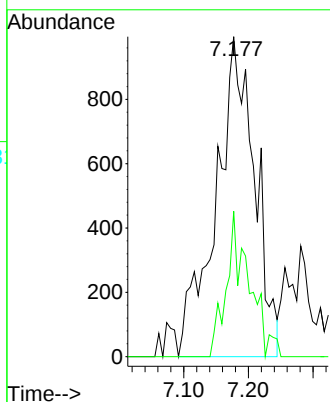
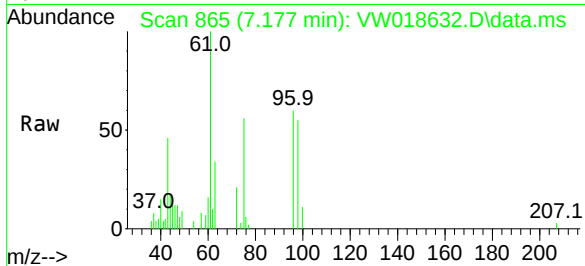
#22
2-Butanone
Concen: 6.87 ug/L m
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

Tgt Ion: 43 Resp: 4141
Ion Ratio Lower Upper
43 100
72 13.0 14.9 44.7#

Instrument :
MSVOA_W
ClientSampled :
BG788RE

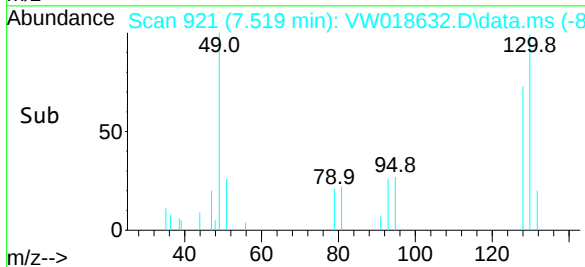
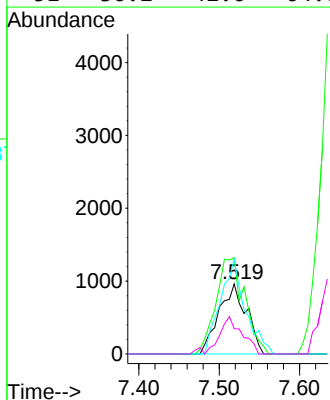
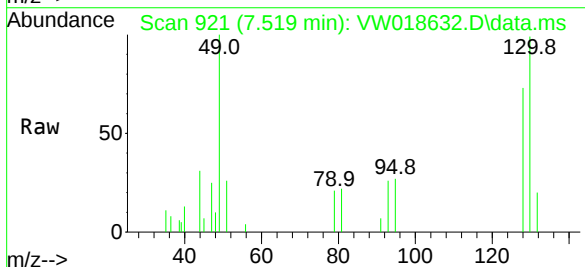
Manual Integrations
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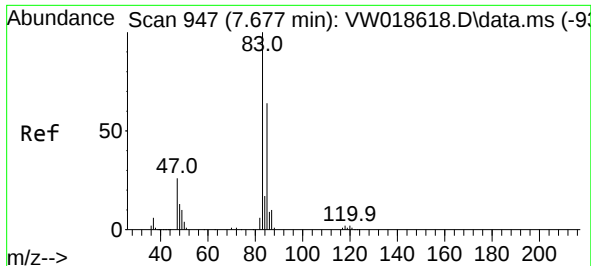
MMDadoda
4/19/2021 11:48:45 AM



#23
Bromochloromethane
Concen: 2.01 ug/L m
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

Tgt Ion: 128 Resp: 2275
Ion Ratio Lower Upper
128 100
49 137.6 116.3 215.9
130 135.6 82.4 153.0
51 36.2 42.6 64.0#





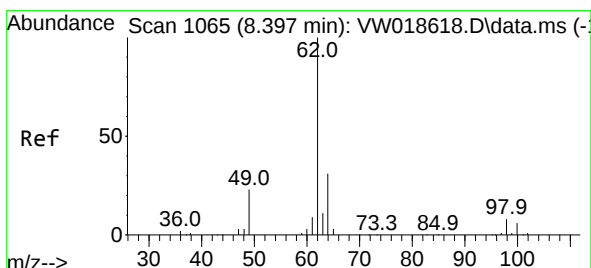
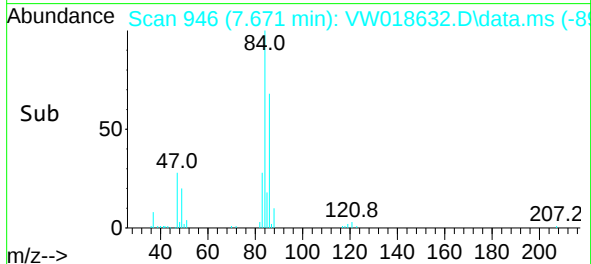
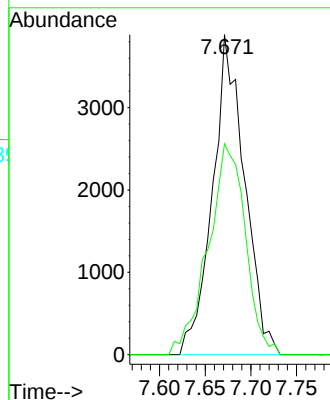
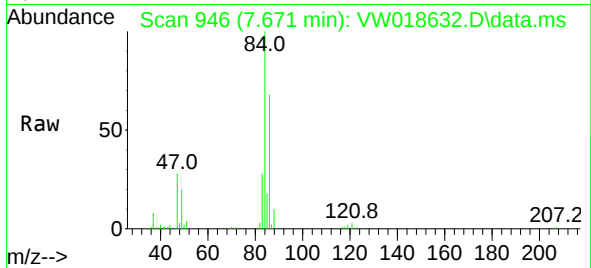
#25
Chloroform
Concen: 2.21 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

Tgt Ion: 83 Resp: 9477
Ion Ratio Lower Upper
83 100
85 65.9 44.6 82.8

Instrument :
MSVOA_W
ClientSampleId :
BG788RE

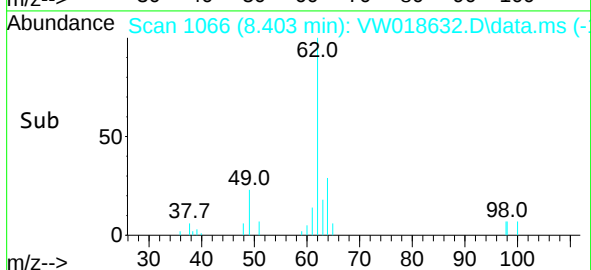
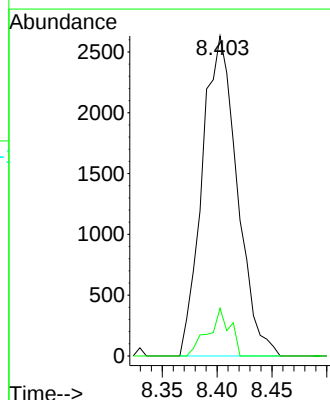
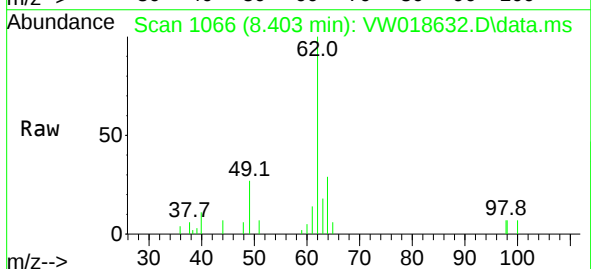
Manual Integrations
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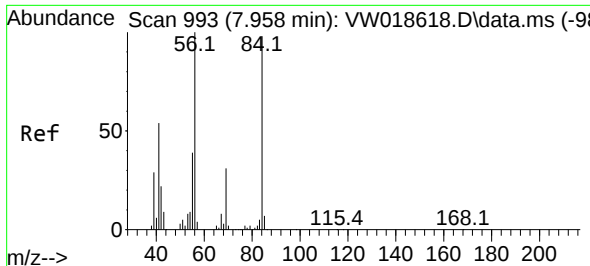
MMDadoda
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#27
1,2-Dichloroethane
Concen: 1.91 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

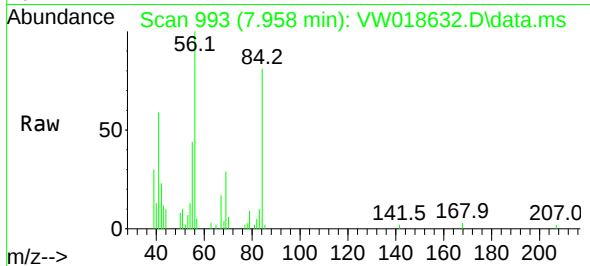
Tgt Ion: 62 Resp: 5850
Ion Ratio Lower Upper
62 100
98 14.9 6.9 10.3#





#29
Cyclohexane
Concen: 2.19 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

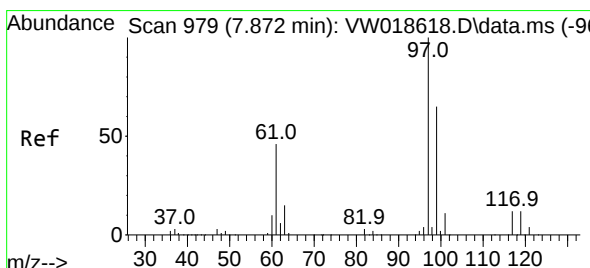
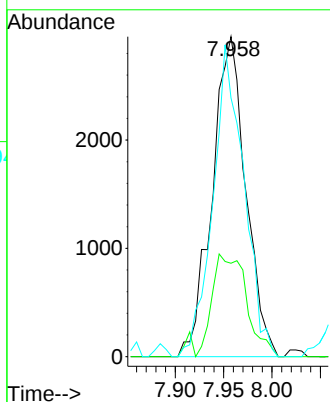
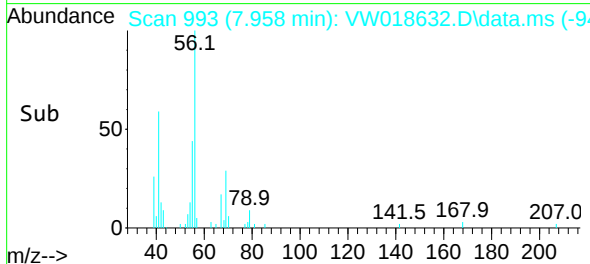
Instrument :
MSVOA_W
ClientSampled :
BG788RE



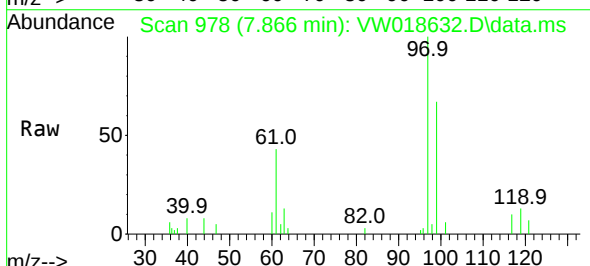
Tgt Ion: 56 Resp: 7156
Ion Ratio Lower Upper
56 100
69 18.9 24.5 36.7#
84 89.7 75.0 112.4

Manual Integrations
APPROVED

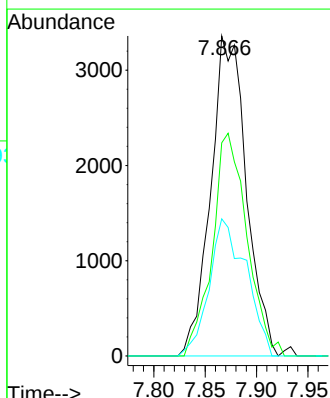
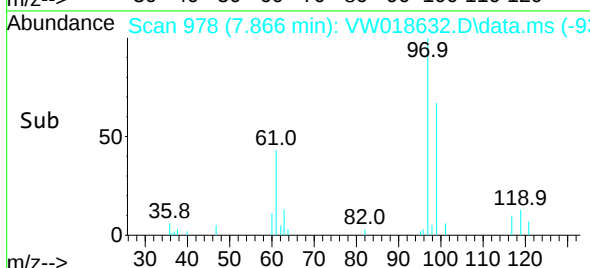
MMDadoda
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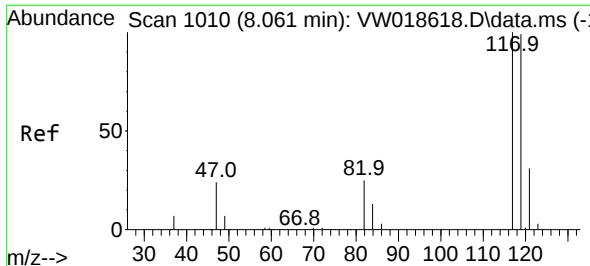


#30
1,1,1-Trichloroethane
Concen: 2.54 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58



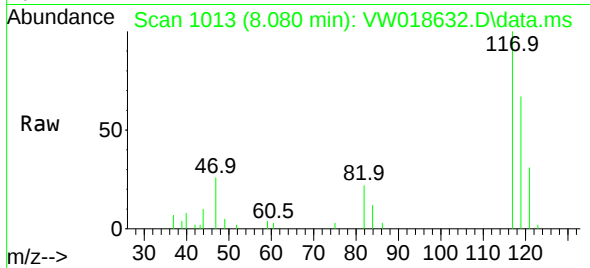
Tgt Ion: 97 Resp: 8088
Ion Ratio Lower Upper
97 100
99 67.7 51.4 77.2
61 29.6 37.8 56.6#





#31
Carbon tetrachloride
Concen: 1.79 ug/L
RT: 8.080 min Scan# 1013
Delta R.T. 0.018 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

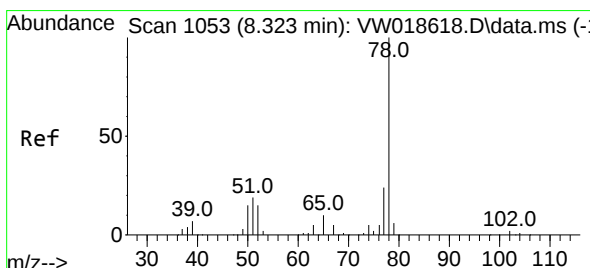
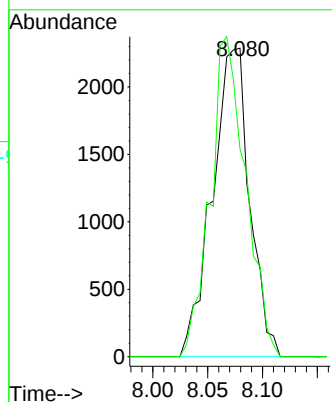
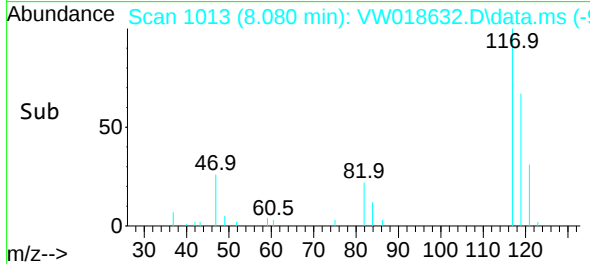
Instrument :
MSVOA_W
ClientSampled :
BG788RE



Tgt Ion: 117 Resp: 5435
Ion Ratio Lower Upper
117 100
119 97.9 76.5 114.7

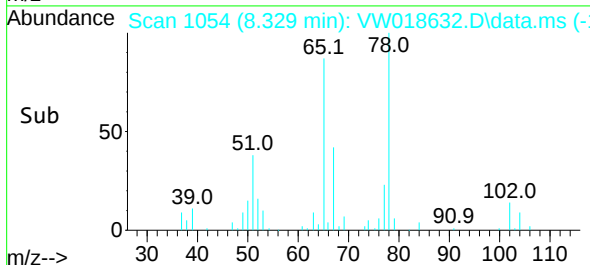
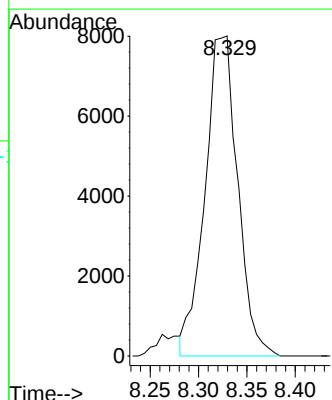
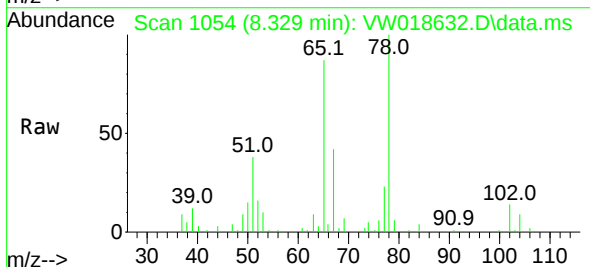
Manual Integrations
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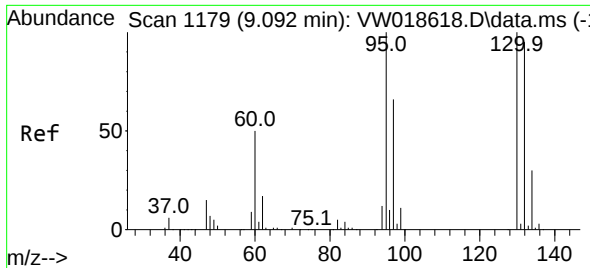
MMDadoda
4/19/2021 11:48:45 AM



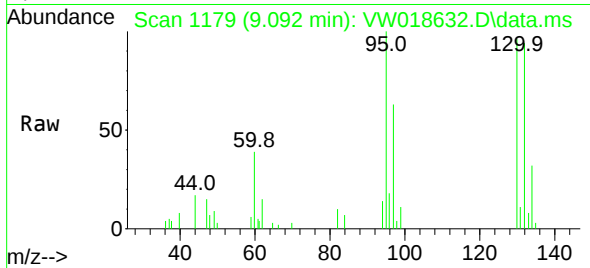
#33
Benzene
Concen: 2.23 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

Tgt Ion: 78 Resp: 18840

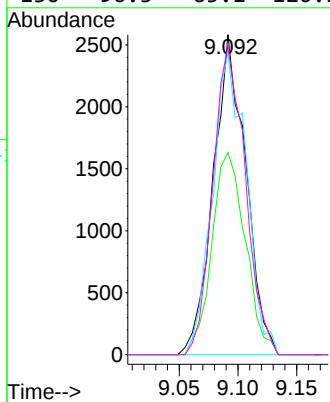
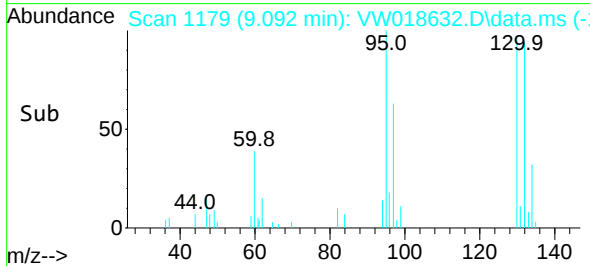




#34
Trichloroethene
Concen: 2.13 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58



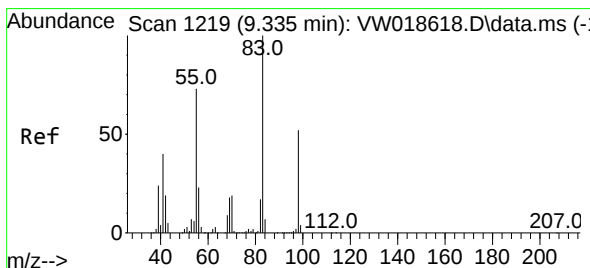
Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.2	47.3	87.8
132	94.4	71.0	131.8
130	96.3	65.1	120.9



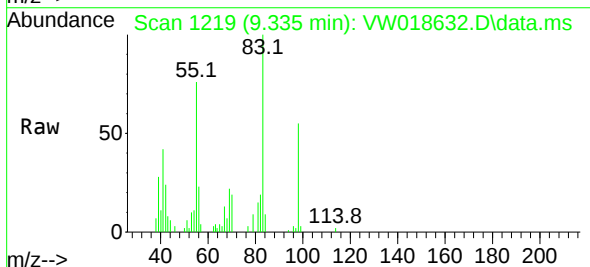
Instrument :
MSVOA_W
ClientSampleId :
BG788RE

Manual Integrations
APPROVED

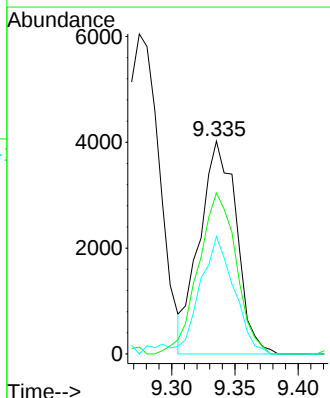
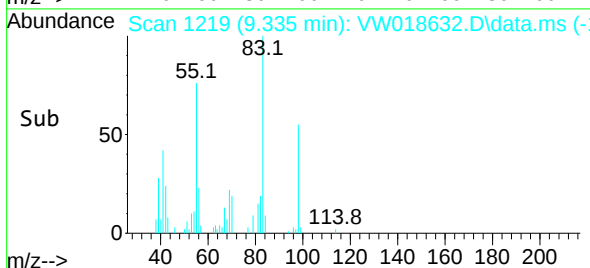
MMDadoda
4/19/2021 11:48:45 AM

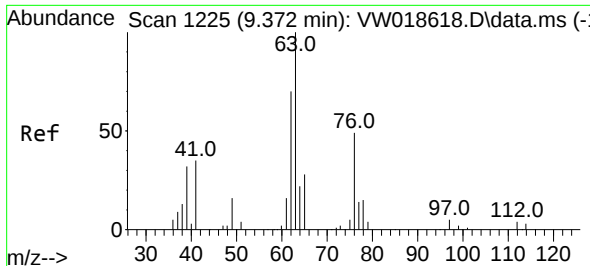


#35
Methylcyclohexane
Concen: 2.06 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58



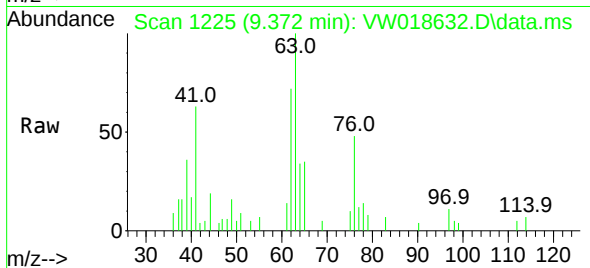
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.6	58.9	88.3
98	50.8	40.1	60.1





#37
1,2-Dichloropropane
Concen: 2.11 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

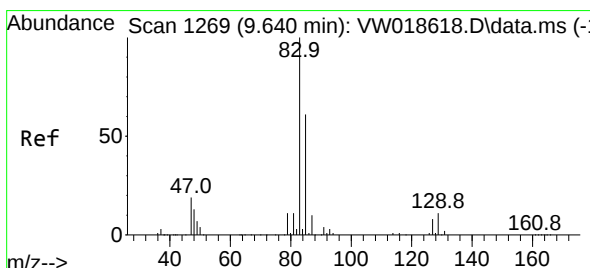
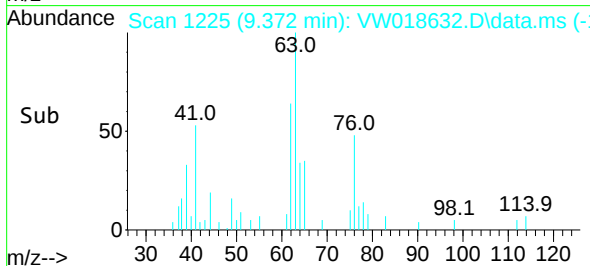
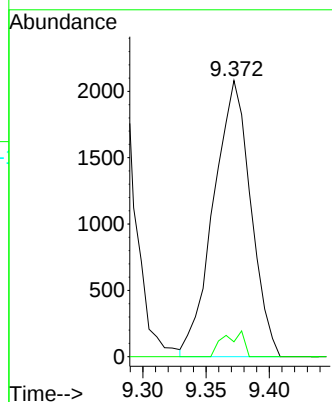
Instrument :
MSVOA_W
ClientSampled :
BG788RE



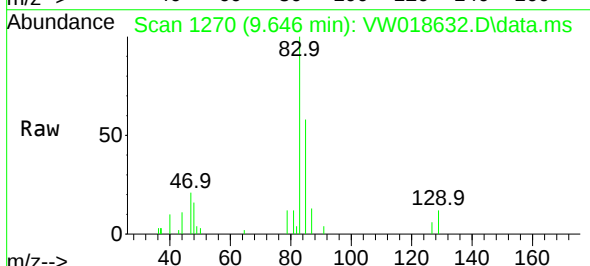
Tgt Ion: 63 Resp: 4253
Ion Ratio Lower Upper
63 100
112 1.7 3.9 5.9#

Manual Integrations
APPROVED

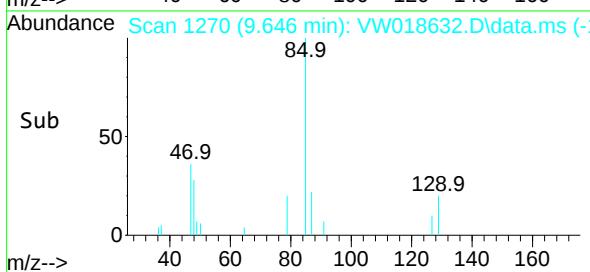
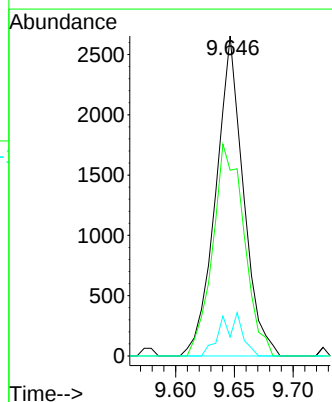
MMDadoda
4/19/2021 11:48:45 AM

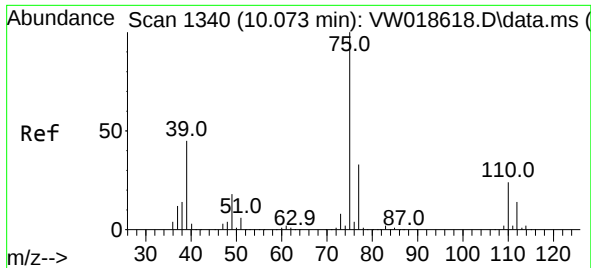


#38
Bromodichloromethane
Concen: 1.50 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58



Tgt Ion: 83 Resp: 4344
Ion Ratio Lower Upper
83 100
85 58.0 42.3 78.5
127 5.9 6.6 9.8#





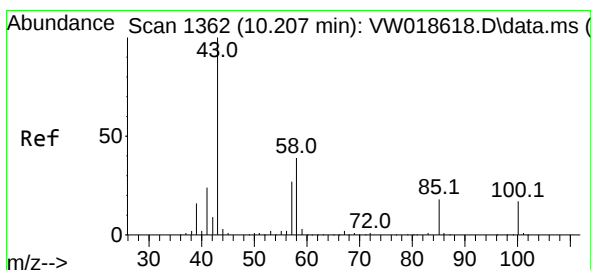
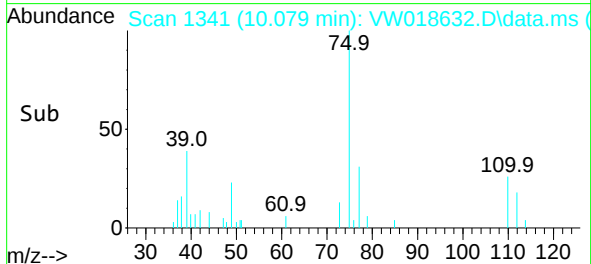
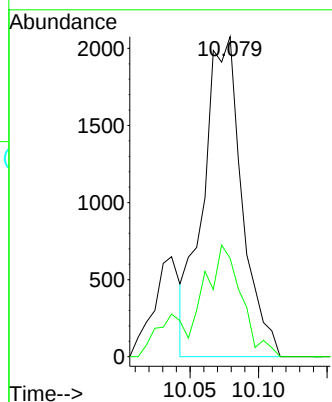
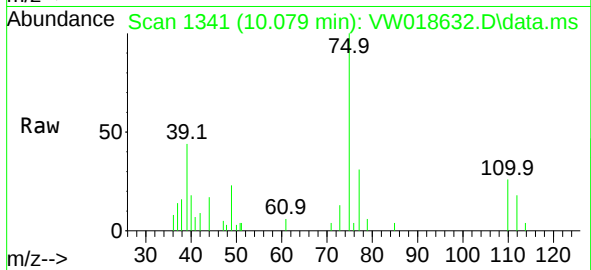
#39
cis-1,3-Dichloropropene
Concen: 1.23 ug/L
RT: 10.079 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

Tgt Ion: 75 Resp: 4071
Ion Ratio Lower Upper
75 100
77 30.8 22.6 42.0

Instrument :
MSVOA_W
ClientSampled :
BG788RE

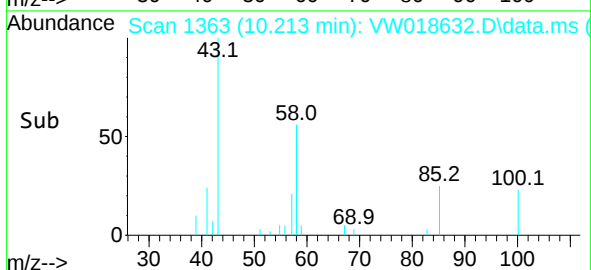
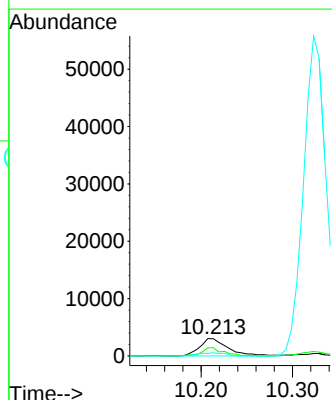
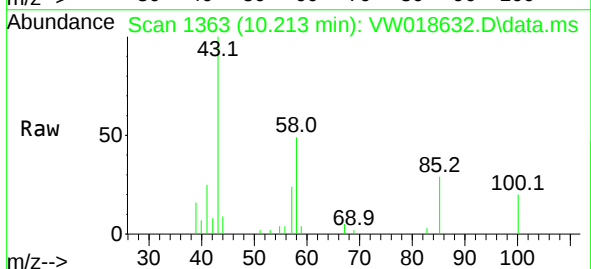
Manual Integrations
APPROVED

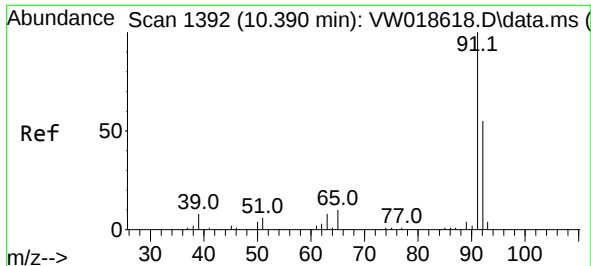
MMDadoda
4/19/2021 11:48:45 AM



#40
4-Methyl-2-pentanone
Concen: 4.98 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

Tgt Ion: 43 Resp: 6559
Ion Ratio Lower Upper
43 100
58 35.6 31.0 46.4
100 16.4 13.0 19.6





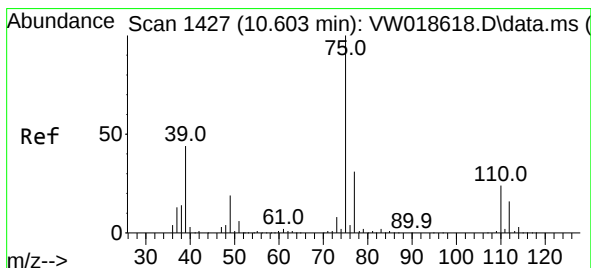
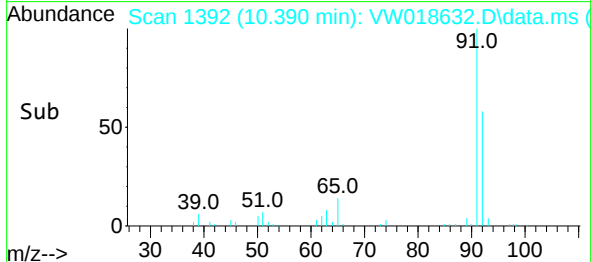
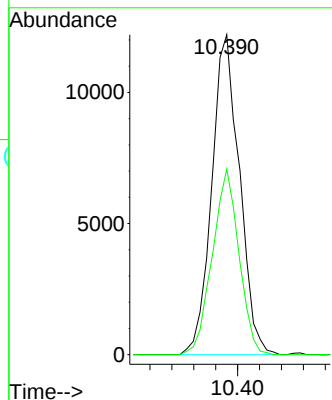
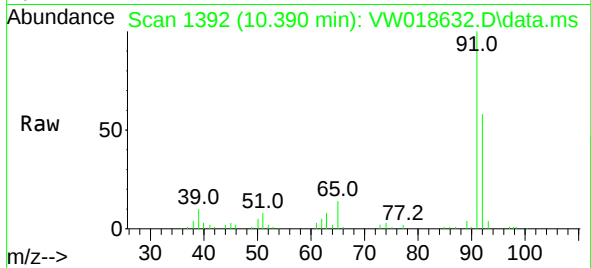
#42
Toluene
Concen: 2.23 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

Tgt Ion: 91 Resp: 21394
Ion Ratio Lower Upper
91 100
92 58.0 39.5 73.3

Instrument :
MSVOA_W
ClientSampleId :
BG788RE

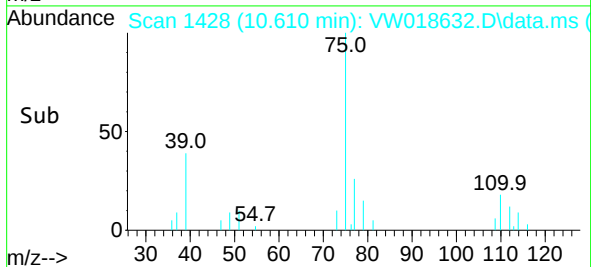
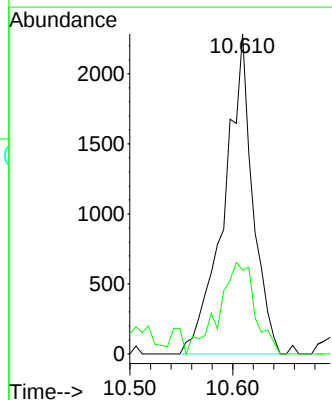
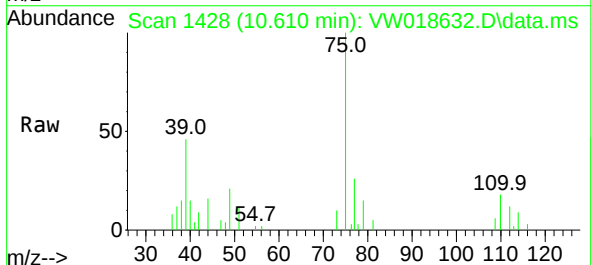
Manual Integrations
APPROVED

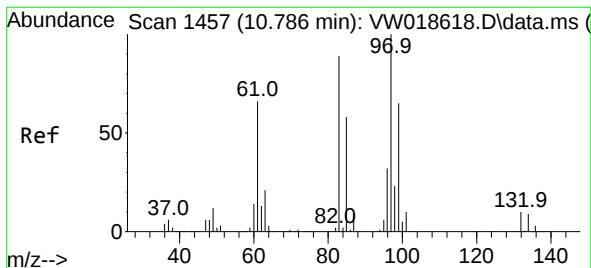
MMDadoda
4/19/2021 11:48:45 AM



#44
trans-1,3-Dichloropropene
Concen: 1.43 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

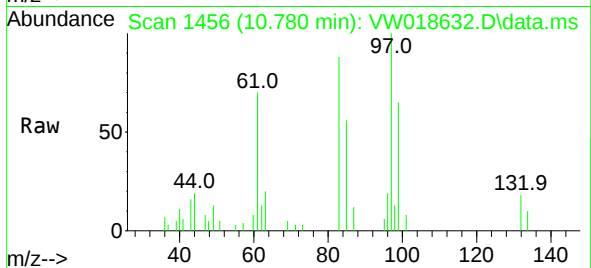
Tgt Ion: 75 Resp: 4412
Ion Ratio Lower Upper
75 100
77 26.2 21.1 39.1





#45
1,1,2-Trichloroethane
Concen: 1.97 ug/L
RT: 10.780 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

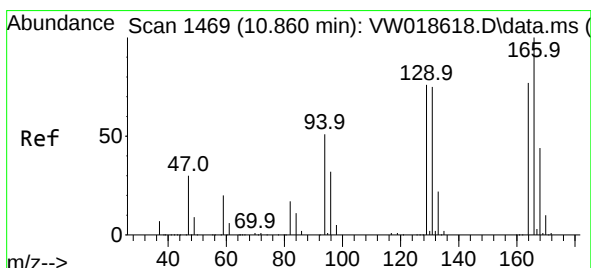
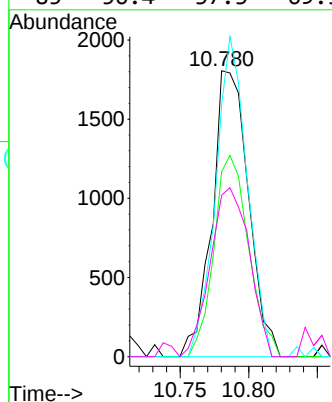
Instrument :
MSVOA_W
ClientSampled :
BG788RE



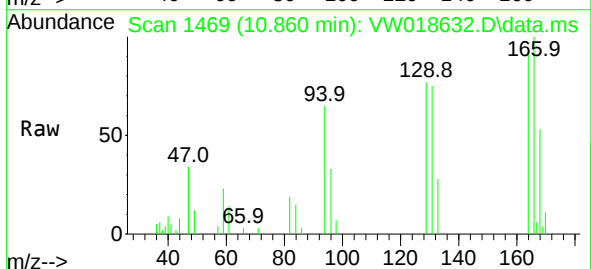
Tgt Ion:	97	Resp:	3335
Ion	Ratio	Lower	Upper
97	100		
99	64.7	45.1	83.7
83	88.1	58.1	107.9
85	56.4	37.3	69.3

Manual Integrations
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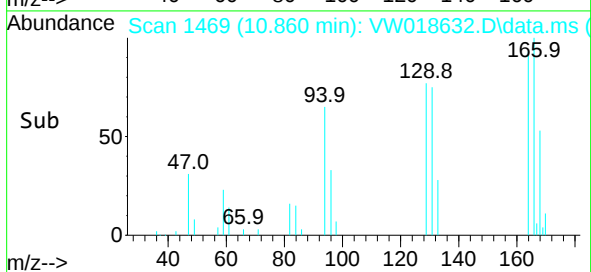
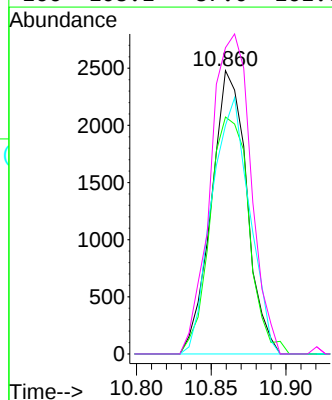
MMDadoda
4/19/2021 11:48:45 AM

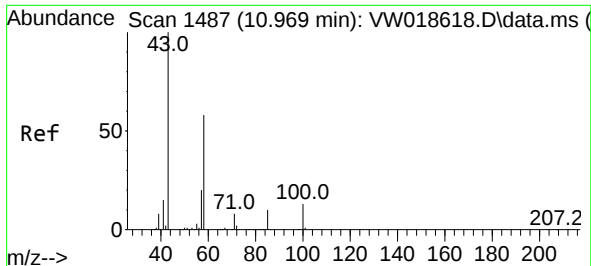


#46
Tetrachloroethene
Concen: 2.32 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58



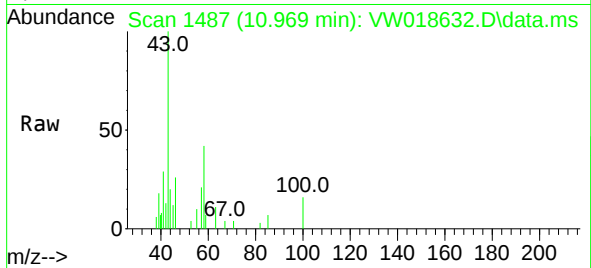
Tgt Ion:	164	Resp:	4083
Ion	Ratio	Lower	Upper
164	100		
129	83.6	66.7	123.9
131	80.7	61.1	113.5
166	108.1	87.0	161.6





#48
2-Hexanone
Concen: 4.09 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

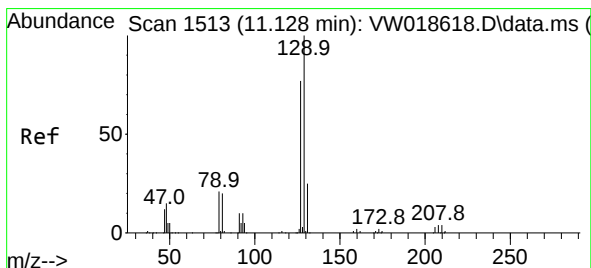
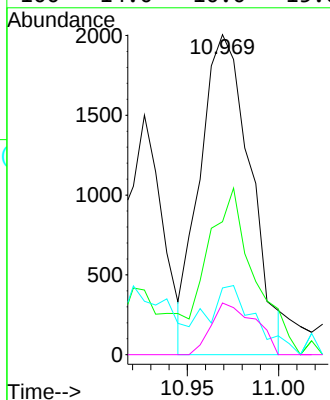
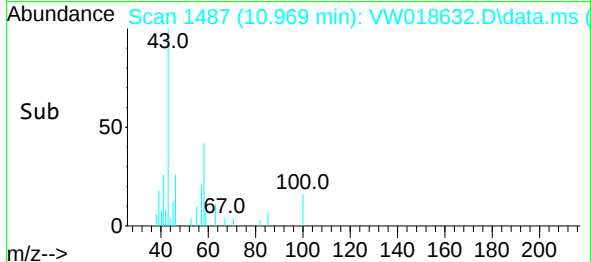
Instrument :
MSVOA_W
ClientSampled :
BG788RE



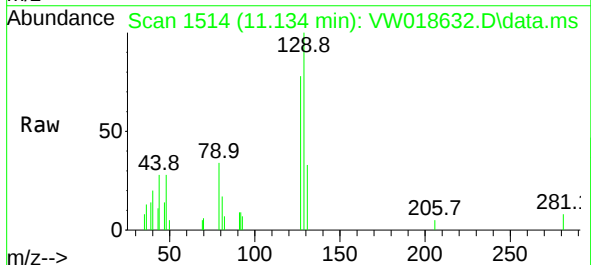
Tgt Ion: 43 Resp: 3837
Ion Ratio Lower Upper
43 100
58 47.3 42.7 64.1
57 13.9 15.8 23.8#
100 14.0 10.0 15.0

Manual Integrations
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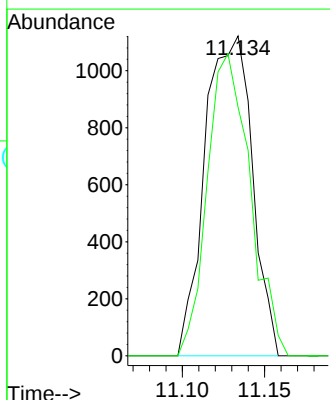
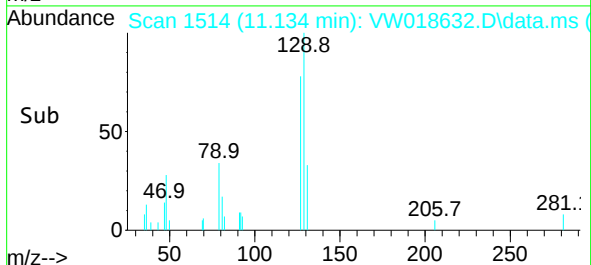
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4/19/2021 11:48:45 AM

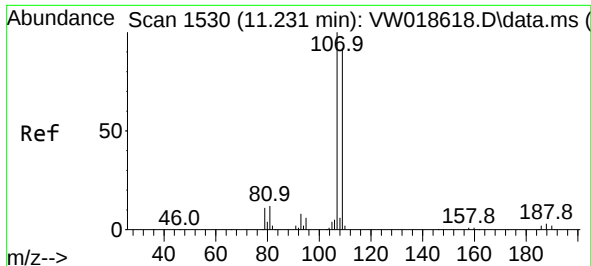


#49
Dibromochloromethane
Concen: 1.12 ug/L
RT: 11.134 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58



Tgt Ion: 129 Resp: 2239
Ion Ratio Lower Upper
129 100
127 77.8 51.7 95.9





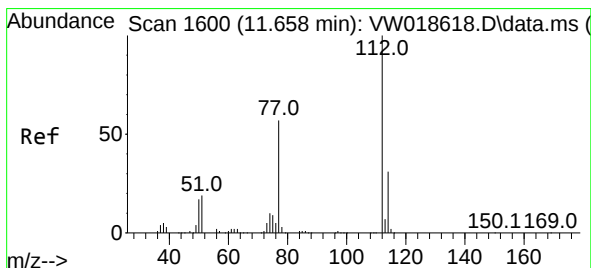
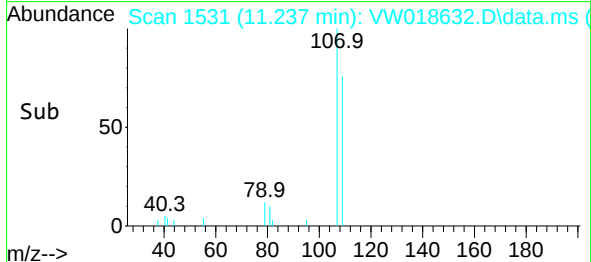
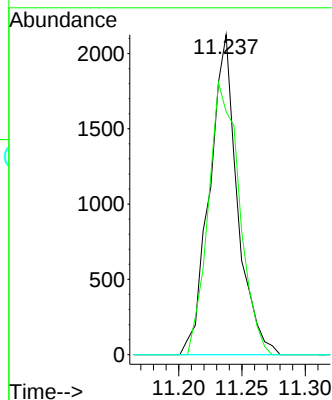
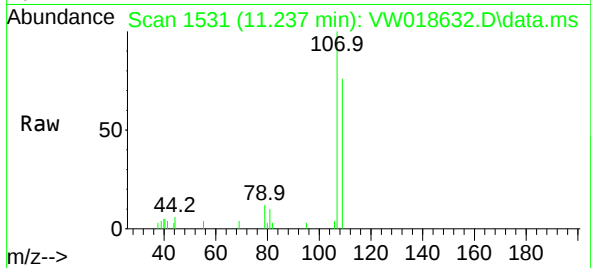
#50
1,2-Dibromoethane
Concen: 1.88 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

Tgt Ion:107 Resp: 3243
Ion Ratio Lower Upper
107 100
109 75.9 65.4 121.4
188 0.0 2.6 4.0#

Instrument :
MSVOA_W
ClientSampled :
BG788RE

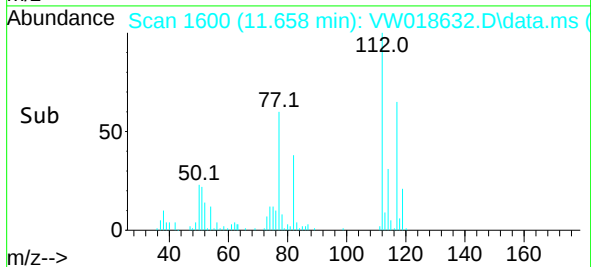
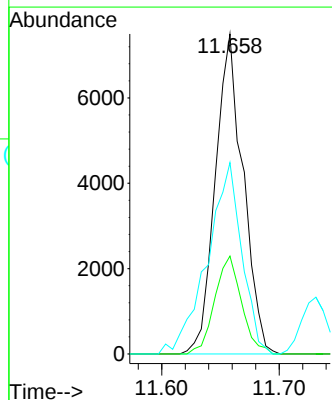
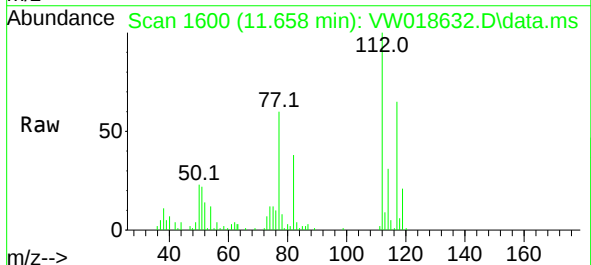
Manual Integrations
APPROVED

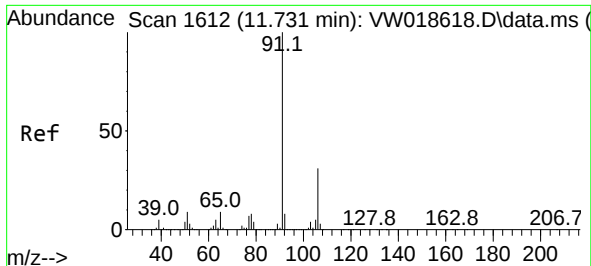
MMDadoda
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#51
Chlorobenzene
Concen: 2.01 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

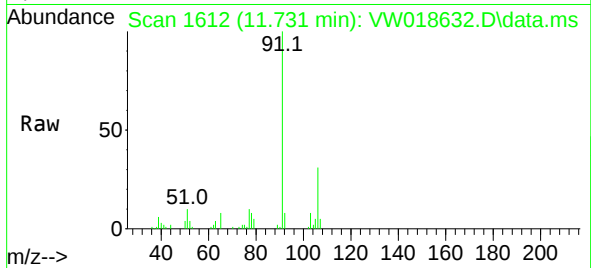
Tgt Ion:112 Resp: 12341
Ion Ratio Lower Upper
112 100
114 30.6 23.4 43.6
77 59.8 47.6 71.4





#52
Ethylbenzene
Concen: 1.91 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

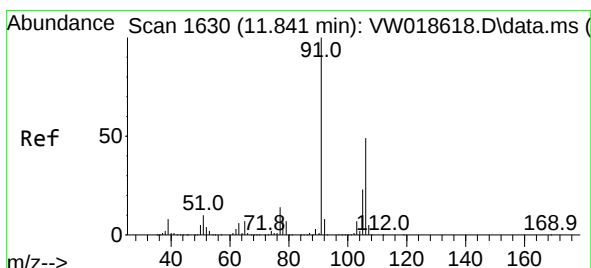
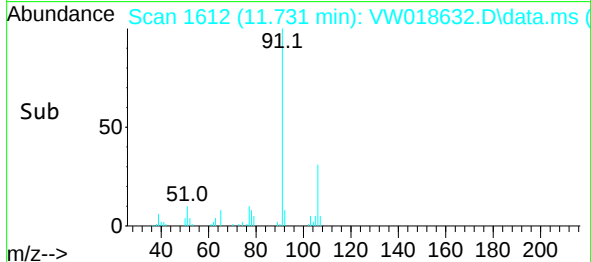
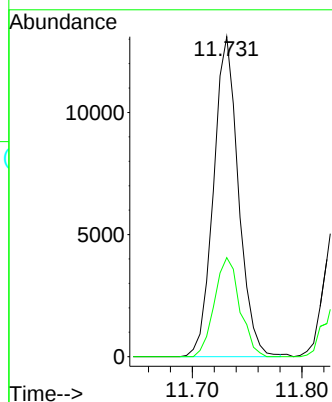
Instrument :
MSVOA_W
ClientSampled :
BG788RE



Tgt Ion: 91 Resp: 20716
Ion Ratio Lower Upper
91 100
106 30.9 22.5 41.7

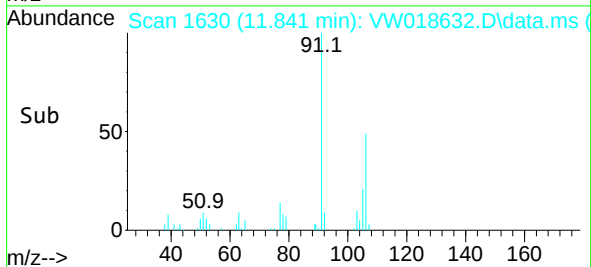
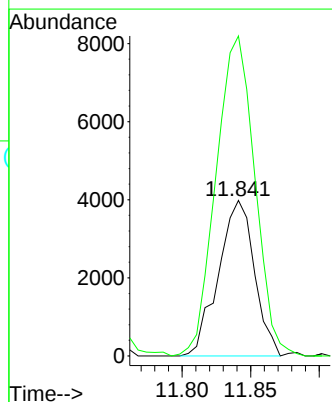
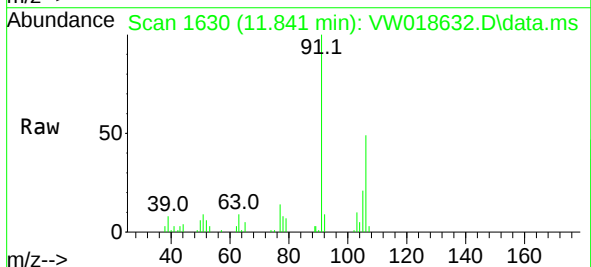
Manual Integrations
APPROVED

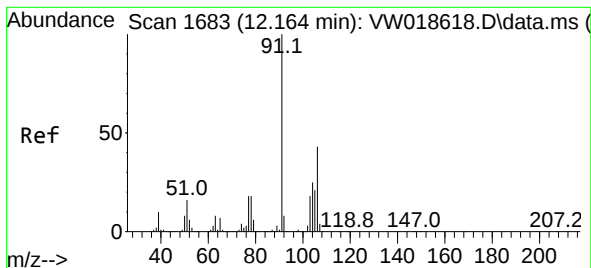
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#53
m,p-Xylene
Concen: 1.81 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

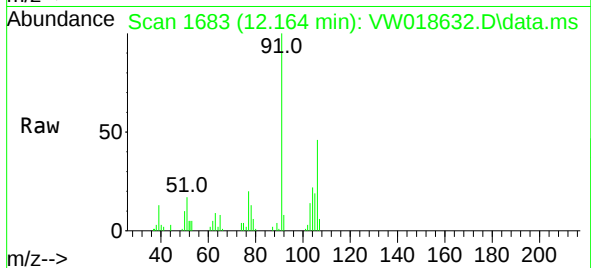
Tgt Ion: 106 Resp: 7286
Ion Ratio Lower Upper
106 100
91 205.8 141.3 262.3





#54
o-Xylene
Concen: 1.71 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

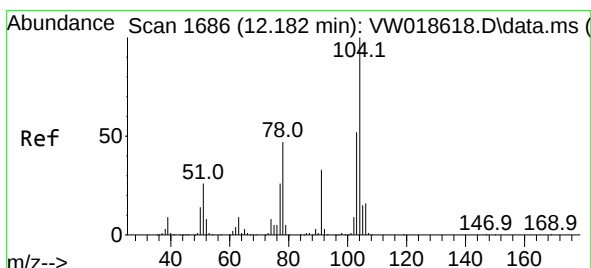
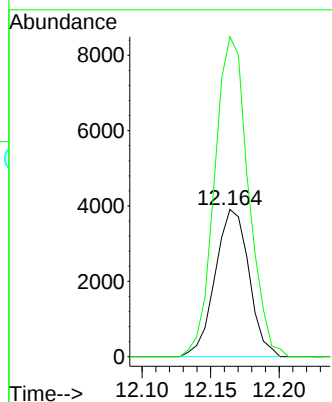
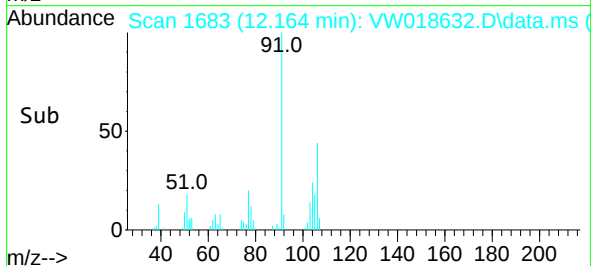
Instrument :
MSVOA_W
ClientSampleId :
BG788RE



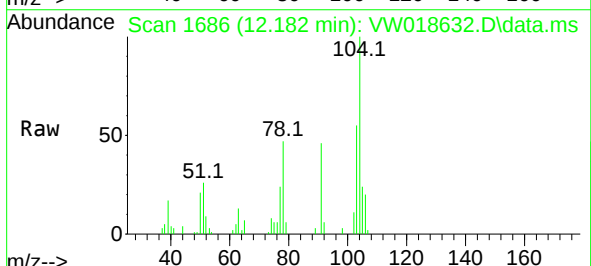
Tgt Ion:106 Resp: 6709
Ion Ratio Lower Upper
106 100
91 217.3 150.0 278.6

Manual Integrations
APPROVED

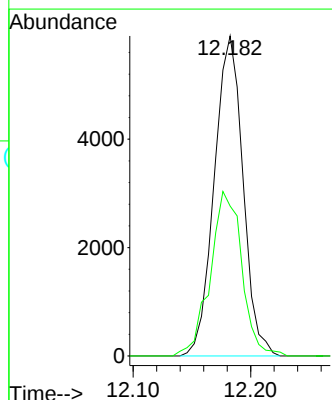
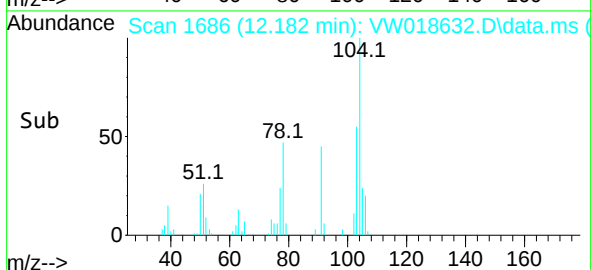
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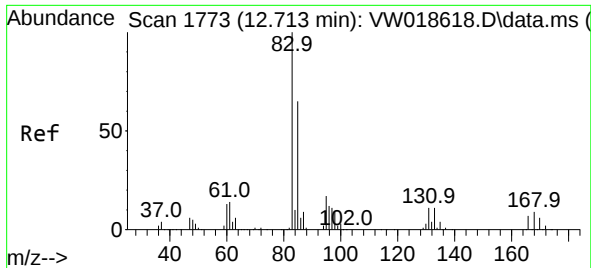


#55
Styrene
Concen: 1.49 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58



Tgt Ion:104 Resp: 10035
Ion Ratio Lower Upper
104 100
78 46.9 32.5 60.3





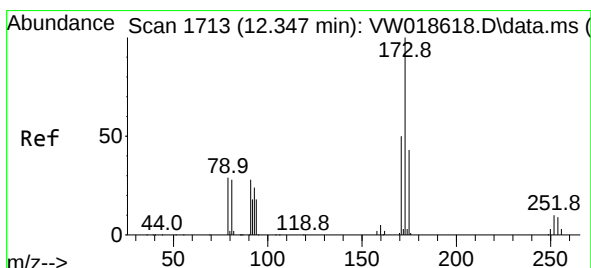
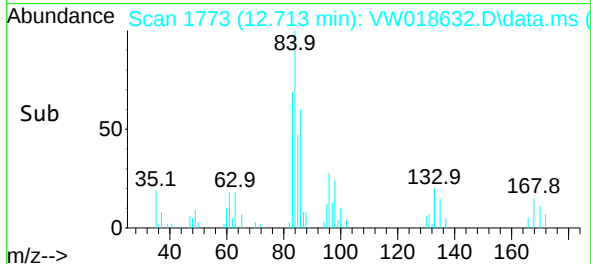
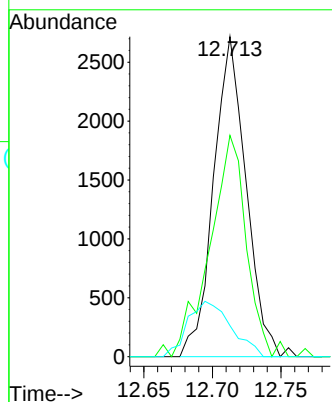
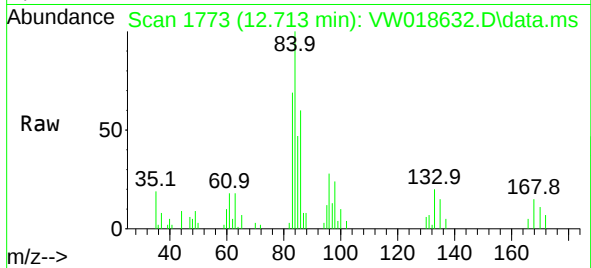
#57
1,1,2,2-Tetrachloroethane
Concen: 2.07 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

Tgt Ion:	83	Resp:	4459
Ion	Ratio	Lower	Upper
83	100		
85	69.2	44.4	82.4
131	9.7	8.2	12.4

Instrument :
MSVOA_W
ClientSampleId :
BG788RE

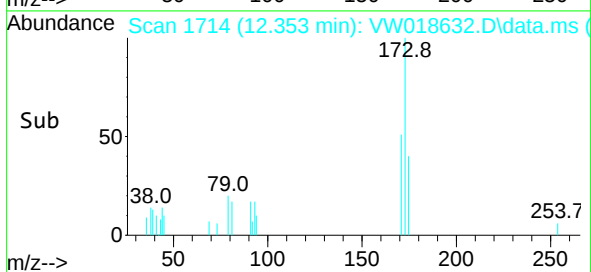
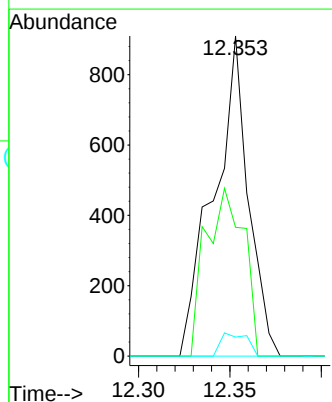
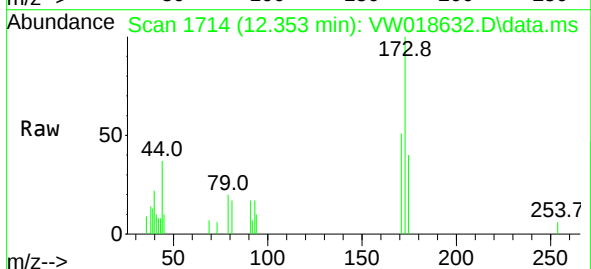
Manual Integrations
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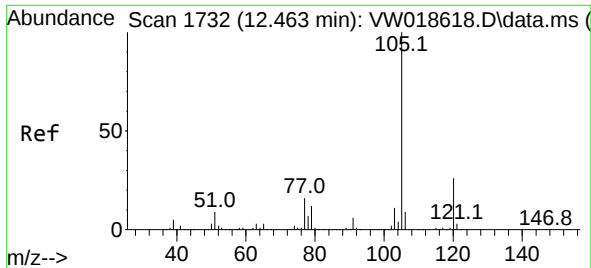
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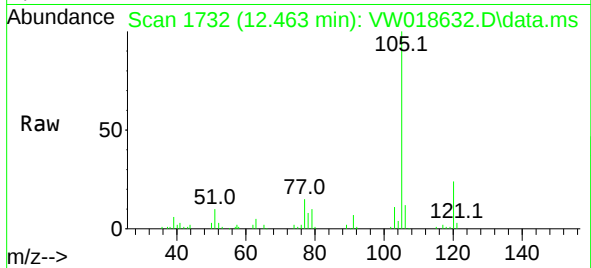
#59
Bromoform
Concen: 1.18 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

Tgt Ion:	173	Resp:	1199
Ion	Ratio	Lower	Upper
173	100		
175	57.8	37.5	56.3#
254	5.4	7.0	10.4#

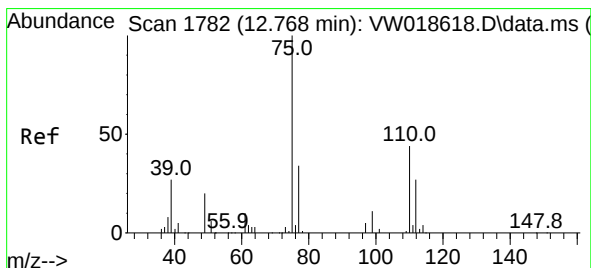
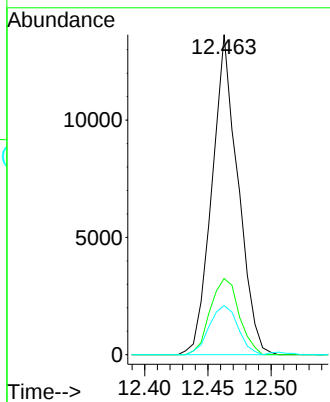
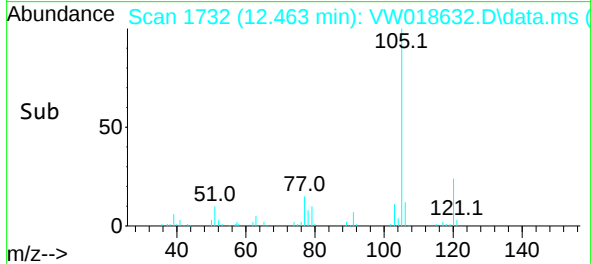




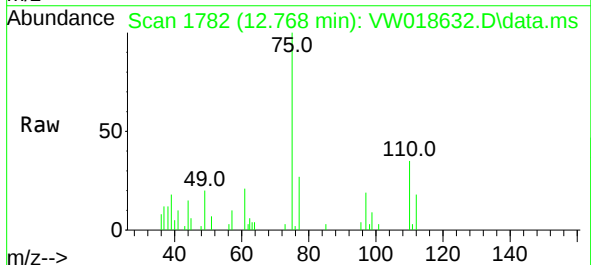
#60
Isopropylbenzene
Concen: 2.10 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58



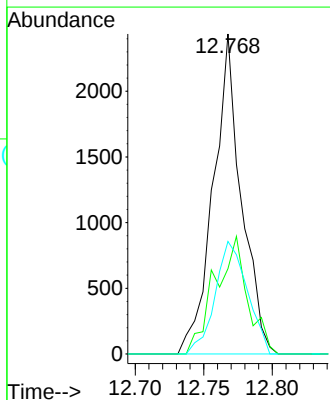
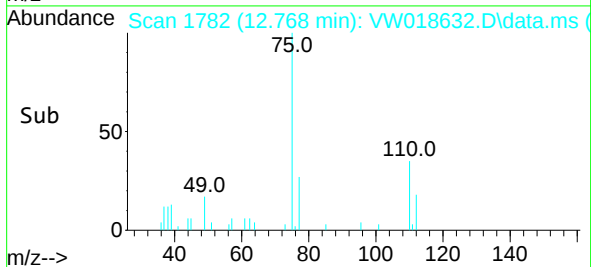
Tgt Ion: 105 Resp: 19501
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 16.9 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 2.48 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58



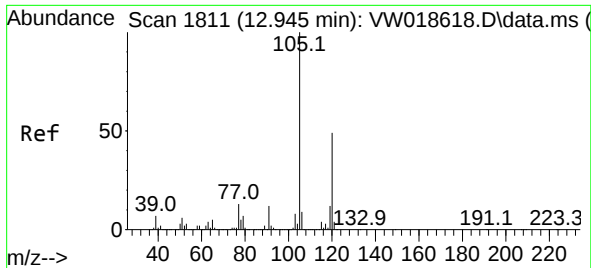
Tgt Ion: 75 Resp: 3477
Ion Ratio Lower Upper
75 100
77 27.3 25.3 37.9
110 40.3 32.6 48.8



Instrument :
MSVOA_W
ClientSampled :
BG788RE

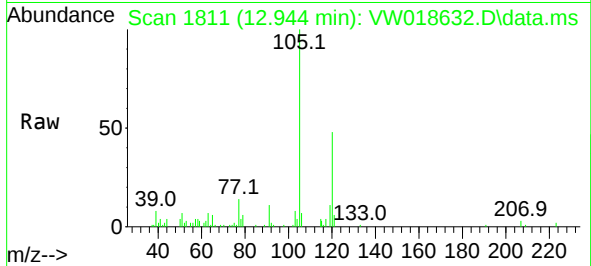
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#62
1,3,5-Trimethylbenzene
Concen: 2.00 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

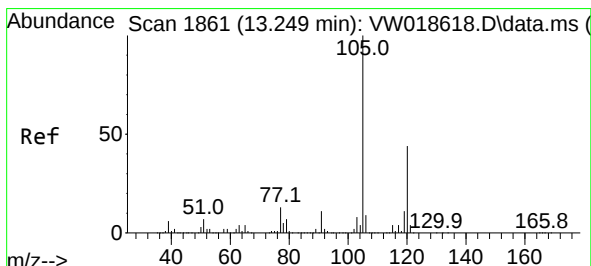
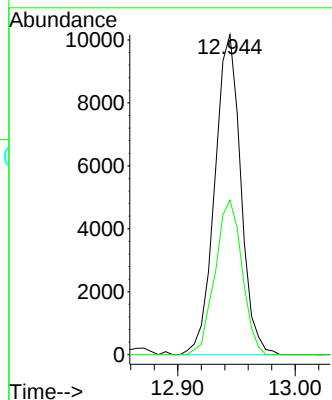
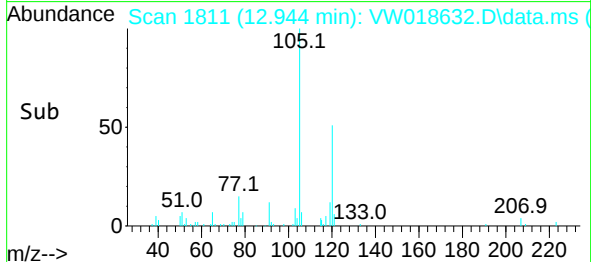
Instrument :
MSVOA_W
ClientSampled :
BG788RE



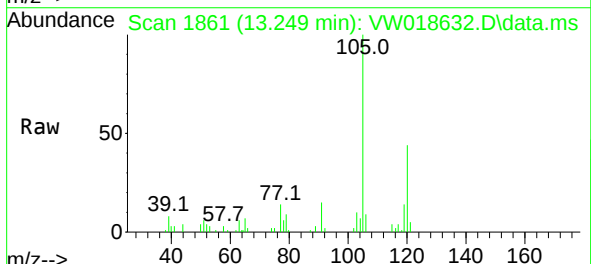
Tgt Ion:105 Resp: 15636
Ion Ratio Lower Upper
105 100
120 49.9 39.0 58.6

Manual Integrations
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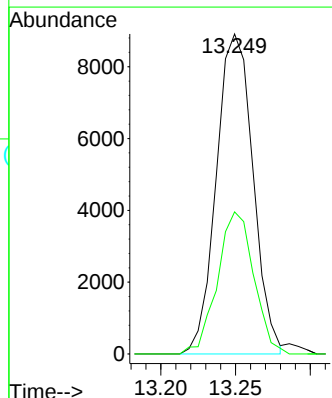
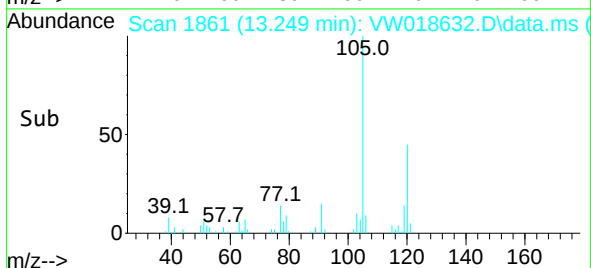
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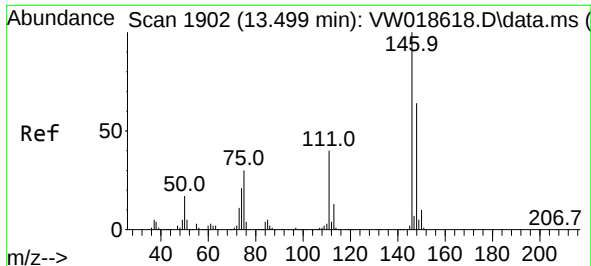


#63
1,2,4-Trimethylbenzene
Concen: 1.92 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58



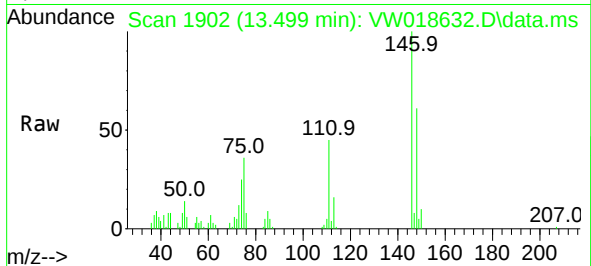
Tgt Ion:105 Resp: 15188
Ion Ratio Lower Upper
105 100
120 44.0 35.6 53.4





#64
1,3-Dichlorobenzene
Concen: 1.93 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

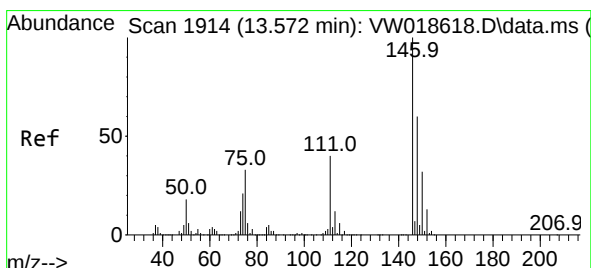
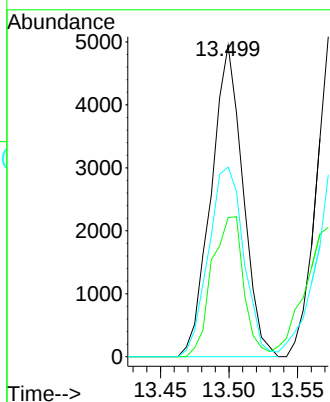
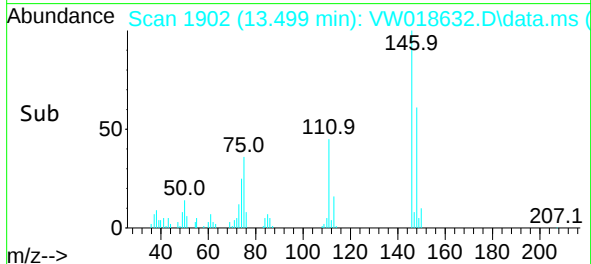
Instrument :
MSVOA_W
ClientSampled :
BG788RE



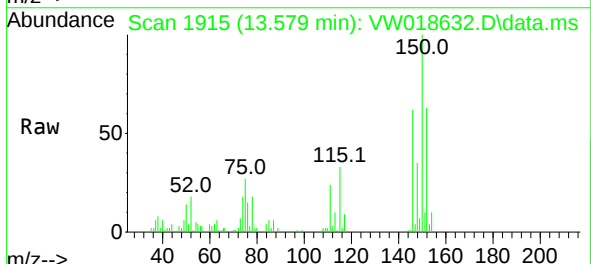
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	26.7	49.7
148	60.9	41.1	76.3

Manual Integrations
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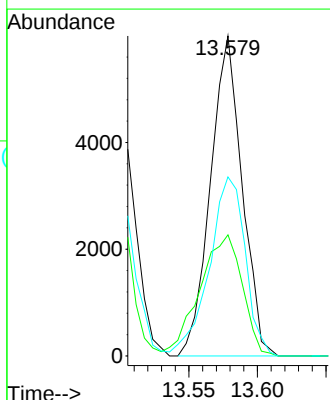
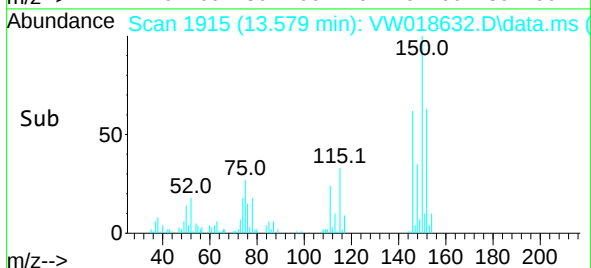
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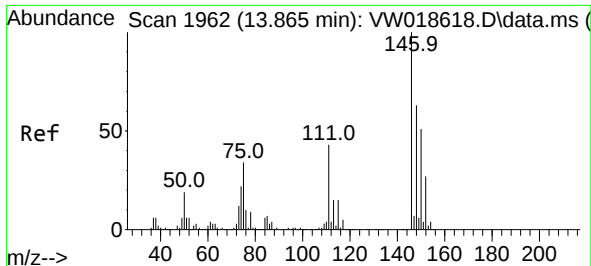


#65
1,4-Dichlorobenzene
Concen: 2.29 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

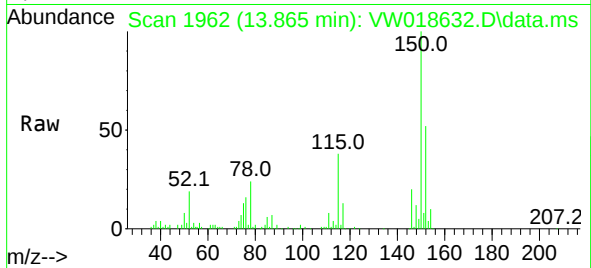


Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	28.8	53.4
148	55.9	46.8	87.0

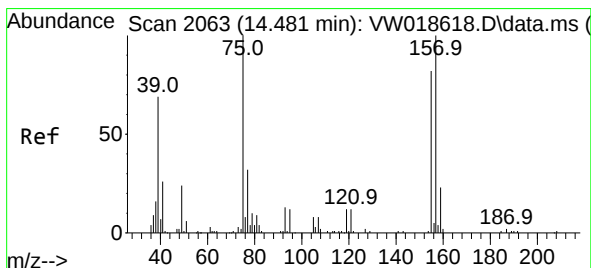
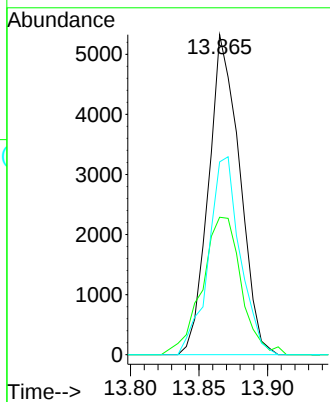
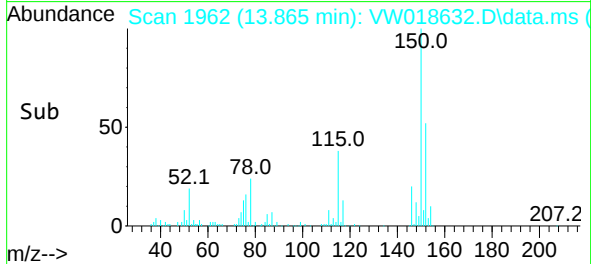




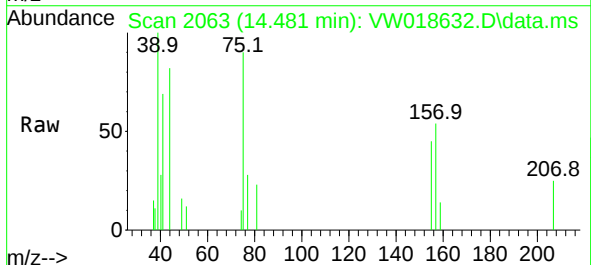
#67
1,2-Dichlorobenzene
Concen: 2.22 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58



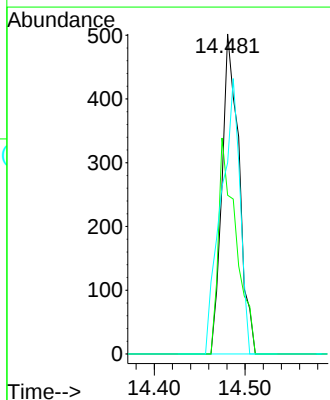
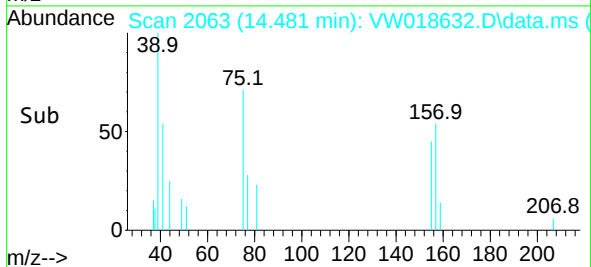
Tgt Ion: 146 Resp: 8418
Ion Ratio Lower Upper
146 100
111 43.0 33.2 49.8
148 60.2 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 1.93 ug/L m
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58



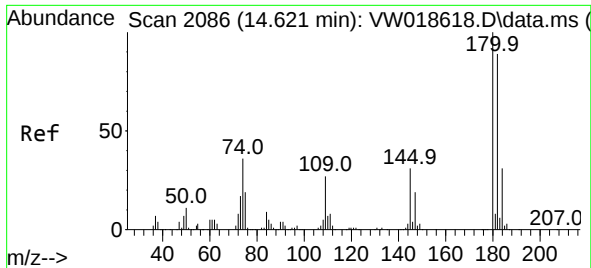
Tgt Ion: 75 Resp: 652
Ion Ratio Lower Upper
75 100
155 49.6 59.4 89.0#
157 59.8 72.2 108.2#



Instrument :
MSVOA_W
ClientSampled :
BG788RE

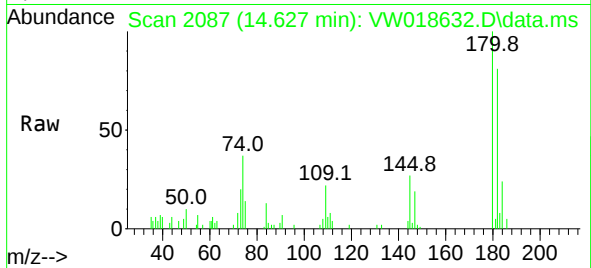
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#69
1,3,5-Trichlorobenzene
Concen: 2.17 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

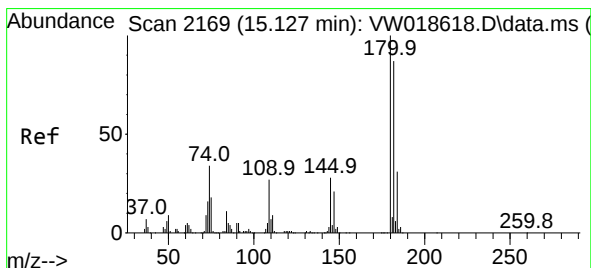
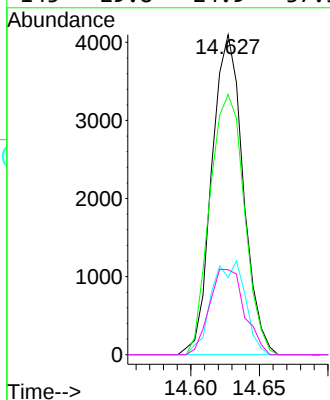
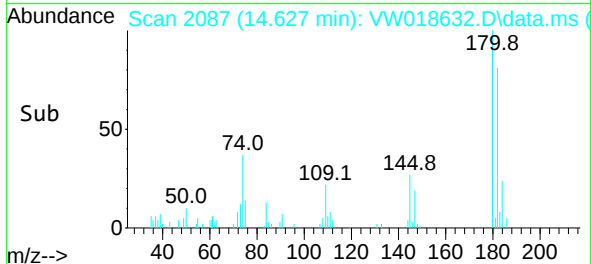
Instrument :
MSVOA_W
ClientSampled :
BG788RE



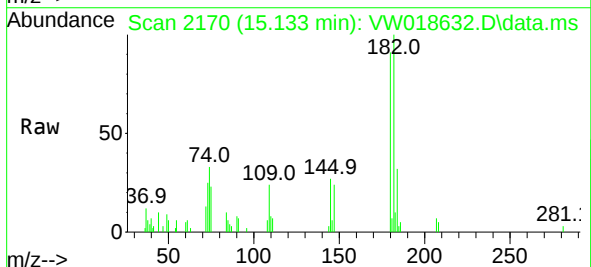
Tgt Ion:180 Resp: 6504
Ion Ratio Lower Upper
180 100
182 89.6 73.4 110.2
184 31.4 23.6 35.4
145 29.8 24.9 37.3

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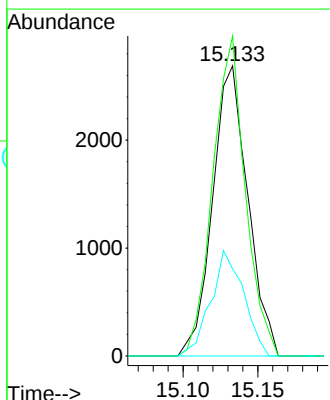
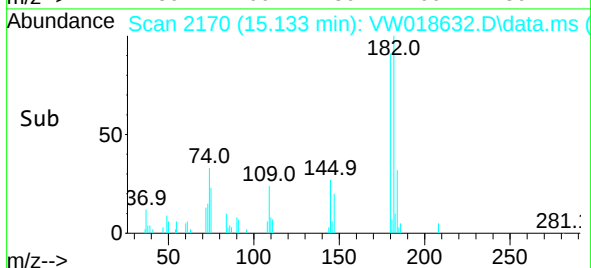
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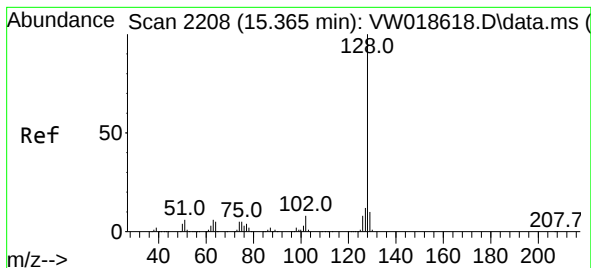


#70
1,2,4-trichlorobenzene
Concen: 1.74 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58



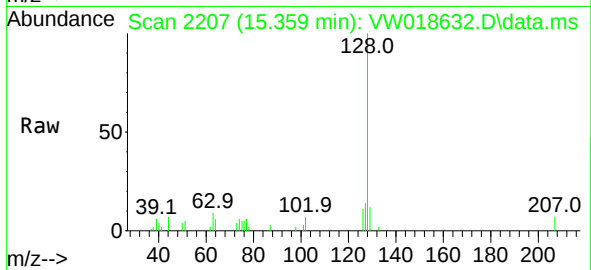
Tgt Ion:180 Resp: 4407
Ion Ratio Lower Upper
180 100
182 101.5 74.7 112.1
145 33.9 25.0 37.4





#71
Naphthalene
Concen: 1.61 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58

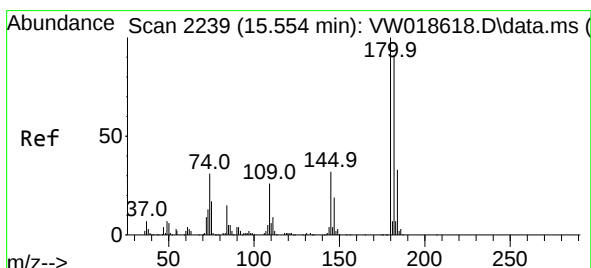
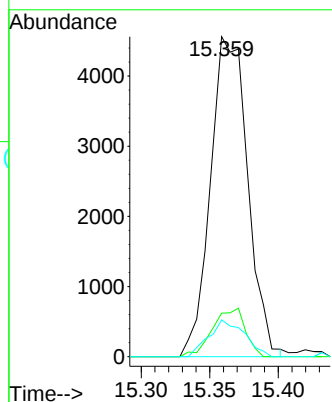
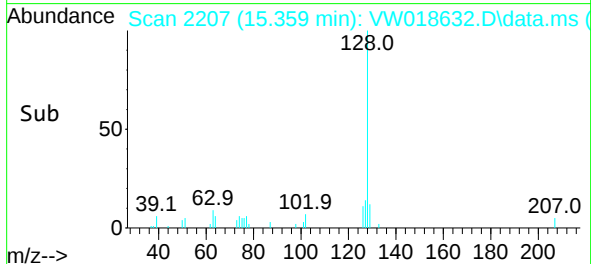
Instrument :
MSVOA_W
ClientSampled :
BG788RE



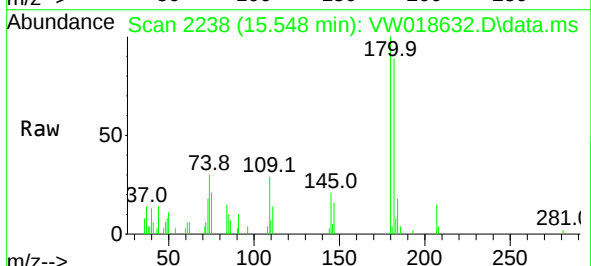
Tgt Ion:128 Resp: 8618
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.1 9.0 13.6

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 1.95 ug/L m
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018632.D
Acq: 12 Apr 2021 18:58



Tgt Ion:180 Resp: 4424
Ion Ratio Lower Upper
180 100
182 91.9 76.7 115.1
145 27.0 28.9 43.3#

