

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091621\
 Data File : VW020039.D
 Acq On : 16 Sep 2021 12:03
 Operator : SY/VA
 Sample : MDL7
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 MDL7

Manual Integrations
 APPROVED

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 9/17/2021 4:38:48 PM

Quant Time: Sep 16 14:41:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 16 00:47:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	292449	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	292786	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	136144	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	129940	26.976	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.920%			
7) Chloroethane-d5	2.898	69	106085	25.588	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.360%			
11) 1,1-Dichloroethene-d2	4.025	63	150874	19.163	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.640%			
21) 2-Butanone-d5	7.086	46	53765	40.802	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.600%			
24) Chloroform-d	7.653	84	213466	26.491	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.960%			
26) 1,2-Dichloroethane-d4	8.311	65	128644	27.100	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.400%			
32) Benzene-d6	8.281	84	413756	25.901	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.600%			
36) 1,2-Dichloropropane-d6	9.274	67	124457	26.267	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.080%			
41) Toluene-d8	10.329	98	378651	25.288	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.160%			
43) trans-1,3-Dichloroprop...	10.579	79	54723	25.108	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.440%			
47) 2-Hexanone-d5	10.927	63	40969	42.325	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.640%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	108394	23.254	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.000%			
66) 1,2-Dichlorobenzene-d4	13.853	152	131496	28.341	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	3066m	1.011	ug/L	
3) Chloromethane	2.221	50	4689	1.148	ug/L	98
5) Vinyl chloride	2.367	62	7481	1.171	ug/L #	31
6) Bromomethane	2.788	94	4720	1.054	ug/L	89
8) Chloroethane	2.934	64	4263	1.094	ug/L	89
9) Trichlorofluoromethane	3.257	101	3336m	0.895	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	6032m	1.439	ug/L	
12) 1,1-Dichloroethene	4.044	96	5384	1.357	ug/L #	1
13) Acetone	4.129	43	4137	3.306	ug/L	87
14) Carbon disulfide	4.391	76	13233	1.021	ug/L	96
15) Methyl Acetate	4.684	43	2109	0.966	ug/L #	81
16) Methylene chloride	4.922	84	18844	3.657	ug/L	94
17) trans-1,2-Dichloroethene	5.434	96	3971	0.950	ug/L	95
18) Methyl tert-butyl Ether	5.440	73	4962m	0.950	ug/L	
19) 1,1-Dichloroethane	6.226	63	7883	1.054	ug/L	92
20) cis-1,2-Dichloroethene	7.171	96	4495	1.041	ug/L	76
22) 2-Butanone	7.177	43	4266m	2.720	ug/L	
23) Bromochloromethane	7.519	128	2147	1.074	ug/L #	90
25) Chloroform	7.677	83	9807	1.248	ug/L	98

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

27) 1,2-Dichloroethane	8.403	62	6412	1.166	ug/L #	93
29) Cyclohexane	7.964	56	5260	0.798	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	7118	1.037	ug/L #	54
31) Carbon tetrachloride	8.067	117	6244	0.975	ug/L	94
33) Benzene	8.330	78	18947	1.075	ug/L	100
34) Trichloroethene	9.098	95	4817	1.032	ug/L	94
35) Methylcyclohexane	9.335	83	6203	0.788	ug/L #	87
37) 1,2-Dichloropropane	9.372	63	4523	1.060	ug/L	99
38) Bromodichloromethane	9.646	83	6084	1.057	ug/L #	91
39) cis-1,3-Dichloropropene	10.079	75	6219	0.966	ug/L	98
42) Toluene	10.390	91	24084	1.281	ug/L	91
44) trans-1,3-Dichloropropene	10.610	75	8637	1.416	ug/L	97
45) 1,1,2-Trichloroethane	10.793	97	3650	1.070	ug/L	85
46) Tetrachloroethene	10.872	164	3711	1.028	ug/L	92
48) 2-Hexanone	10.969	43	3869	1.773	ug/L #	91
49) Dibromochloromethane	11.134	129	3835	0.978	ug/L	97
50) 1,2-Dibromoethane	11.238	107	3391	1.010	ug/L	91
51) Chlorobenzene	11.658	112	12455	1.022	ug/L	96
52) Ethylbenzene	11.737	91	17534	0.854	ug/L	93
53) m,p-Xylene	11.841	106	6597	0.844	ug/L	99
54) o-Xylene	12.170	106	5643	0.765	ug/L	88
55) Styrene	12.183	104	9247	0.729	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	5017	1.122	ug/L #	96
59) Bromoform	12.347	173	1987	0.964	ug/L #	96
60) Isopropylbenzene	12.463	105	14286	0.791	ug/L	98
61) 1,2,3-Trichloropropane	12.774	75	3201	1.005	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.945	105	12096	0.823	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	11621	0.806	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	8518	1.026	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	9274	1.096	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	8648	1.143	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.627	180	6230	1.085	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	4652	1.034	ug/L	98
71) Naphthalene	15.365	128	7045	0.733	ug/L	97
72) 1,2,3-Trichlorobenzene	15.554	180	4029	0.954	ug/L	99

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

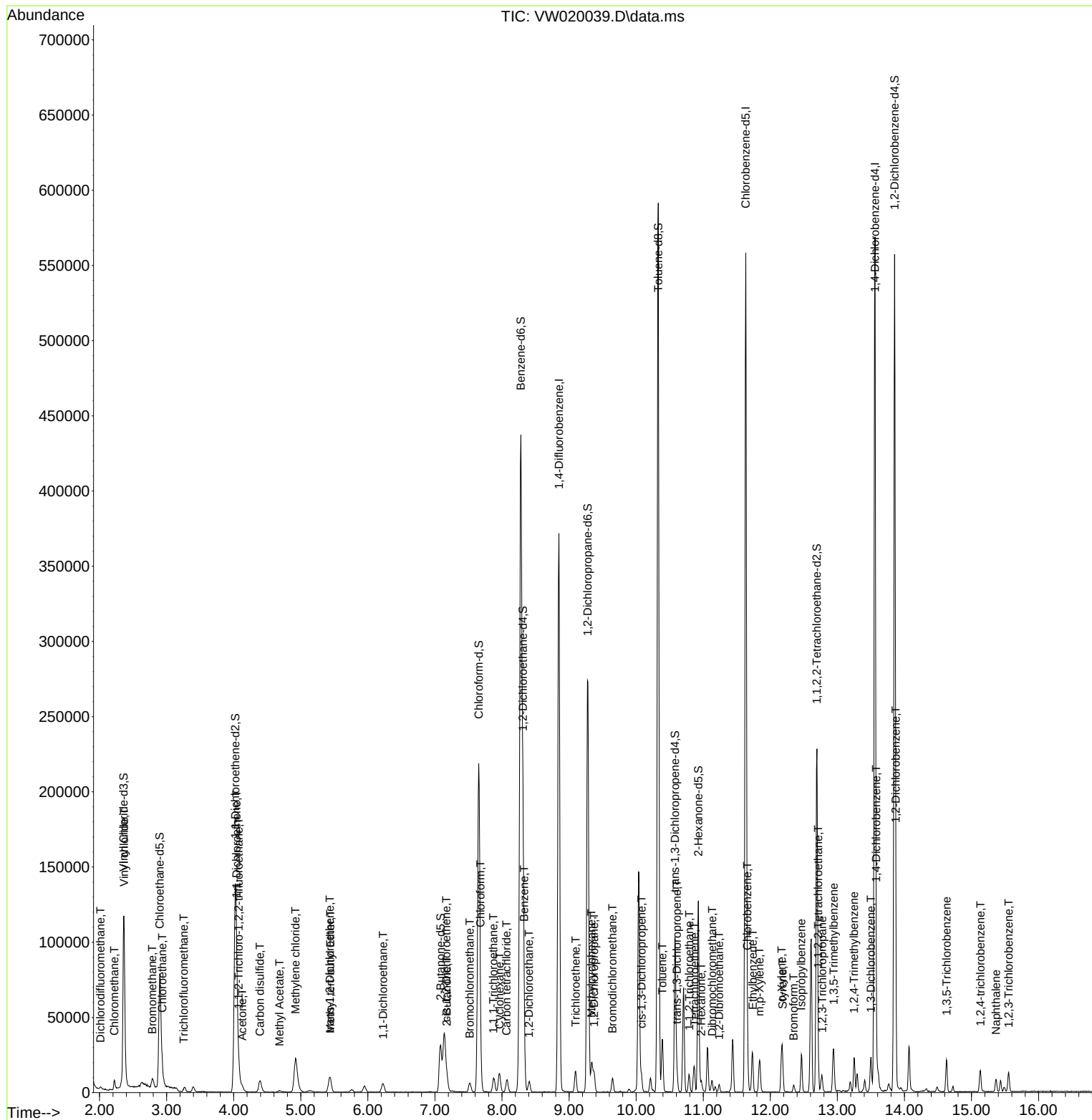
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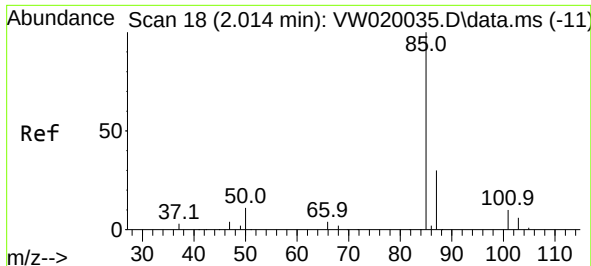
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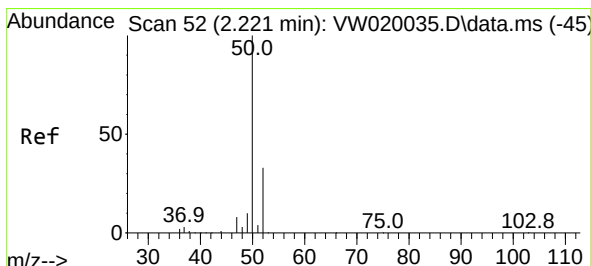
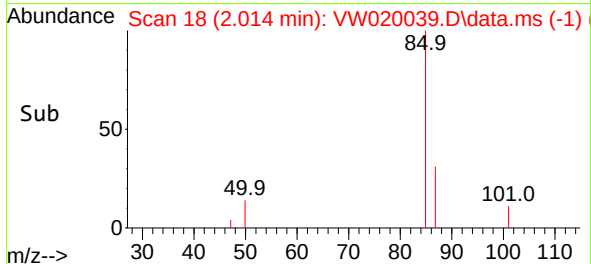
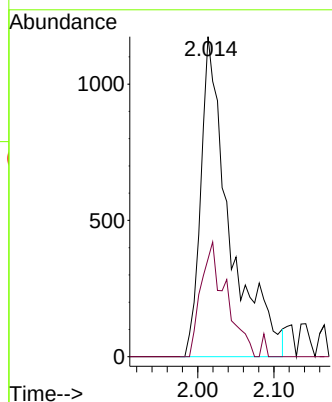
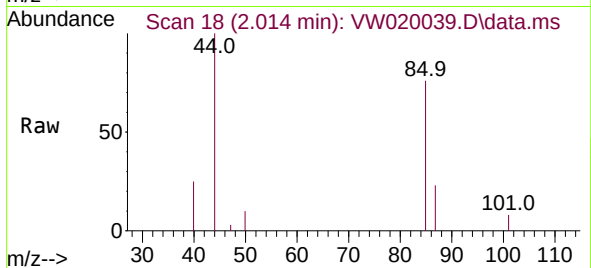
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Dichlorodifluoromethane
Concen: 1.011 ug/L m
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion: 85 Resp: 3066
Ion Ratio Lower Upper
85 100
87 22.5 23.3 34.9#

Instrument :
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ClientSampled :
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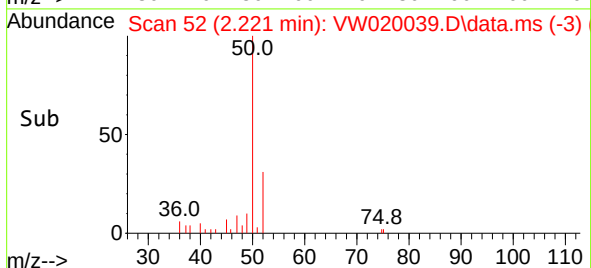
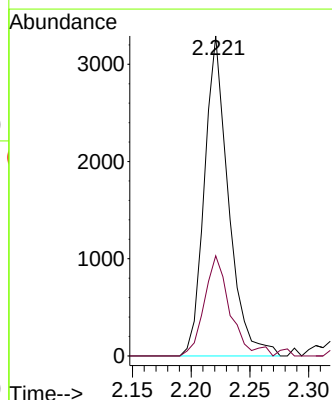
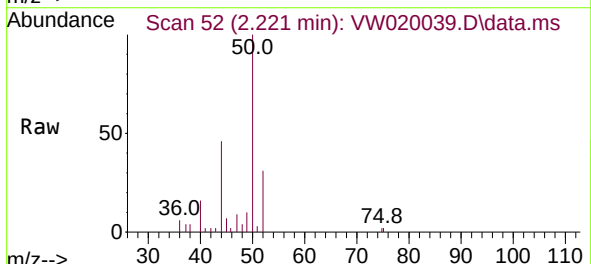
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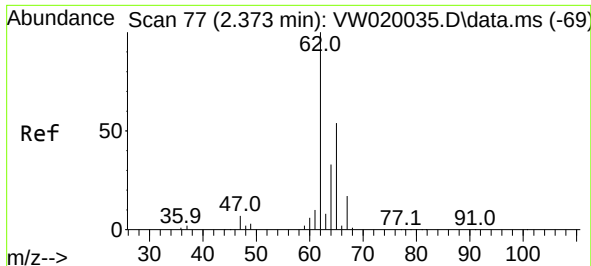
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#3
Chloromethane
Concen: 1.148 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion: 50 Resp: 4689
Ion Ratio Lower Upper
50 100
52 31.3 22.5 41.9





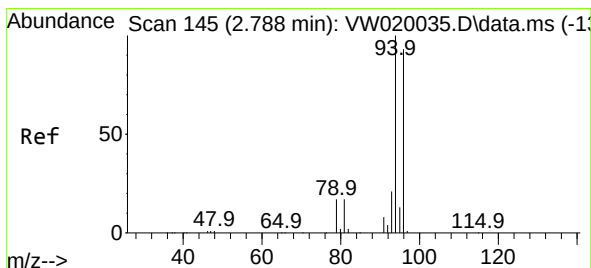
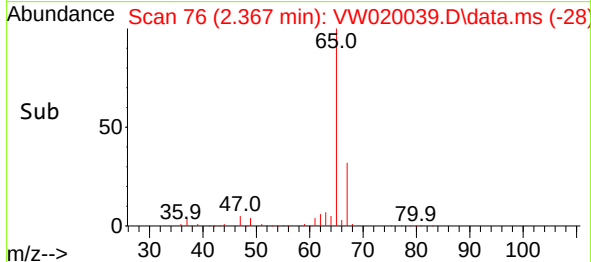
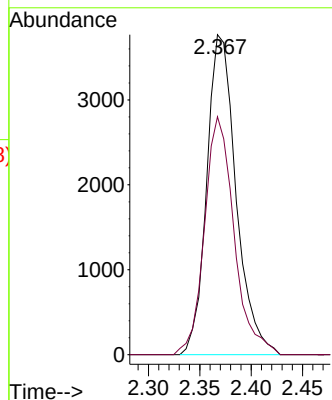
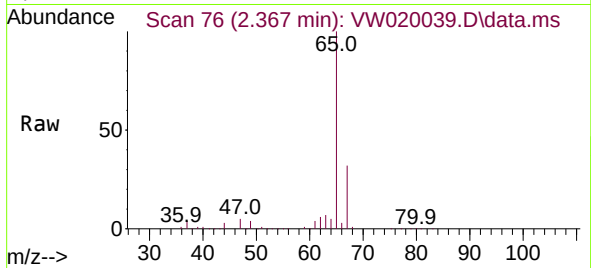
#5
 Vinyl chloride
 Concen: 1.171 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW020039.D
 Acq: 16 Sep 2021 12:03

Tgt Ion: 62 Resp: 7481
 Ion Ratio Lower Upper
 62 100
 64 74.3 24.2 45.0#

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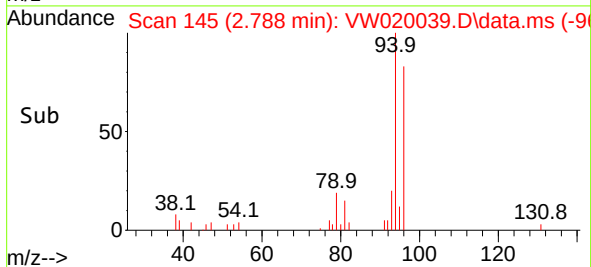
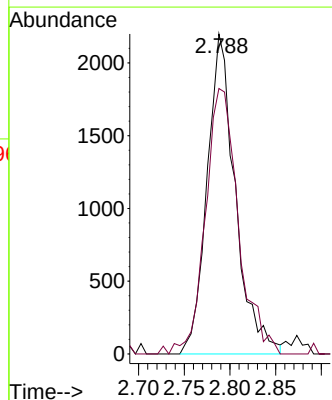
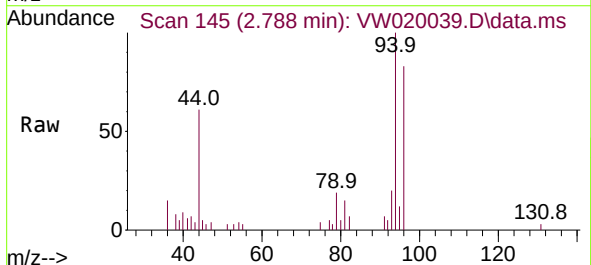
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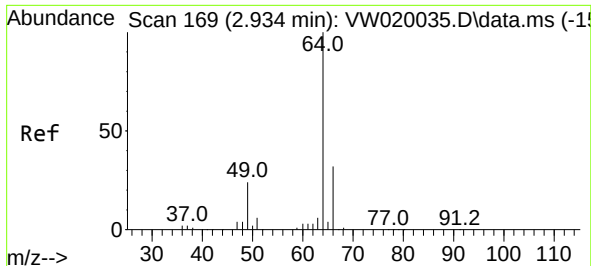
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#6
 Bromomethane
 Concen: 1.054 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VW020039.D
 Acq: 16 Sep 2021 12:03

Tgt Ion: 94 Resp: 4720
 Ion Ratio Lower Upper
 94 100
 96 82.9 65.3 121.3





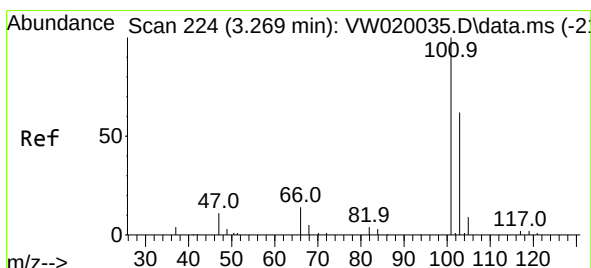
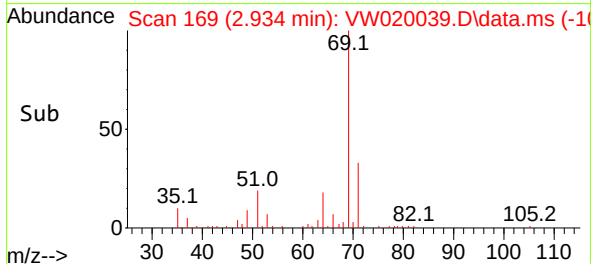
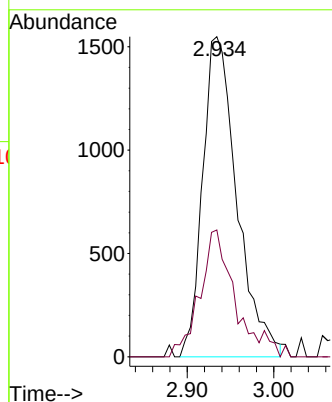
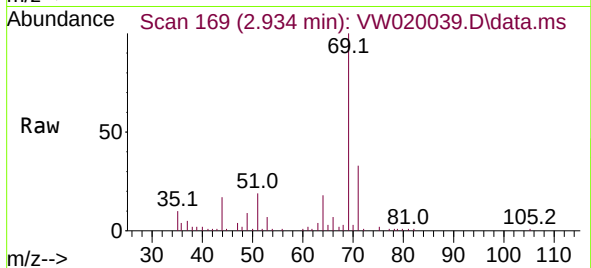
#8
Chloroethane
Concen: 1.094 ug/L
RT: 2.934 min Scan# 169
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion: 64 Resp: 4263
Ion Ratio Lower Upper
64 100
66 39.6 23.4 43.6

Instrument :
MSVOA_W
ClientSampleId :
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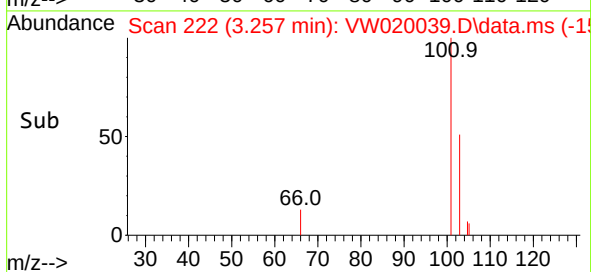
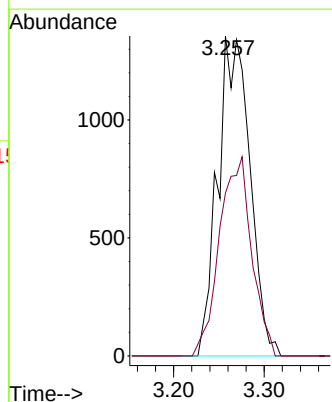
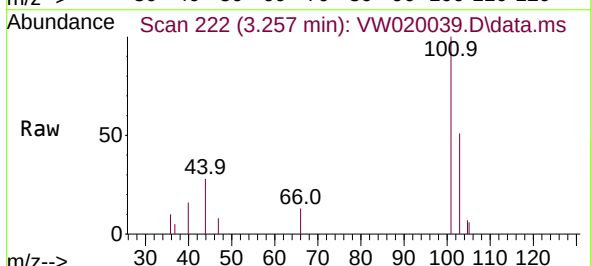
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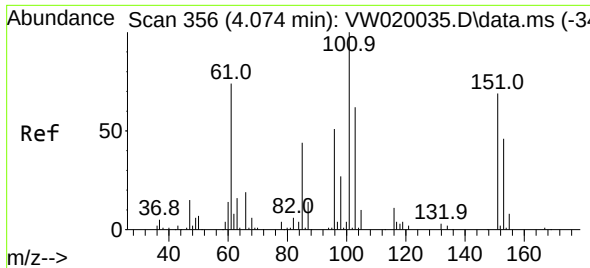
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#9
Trichlorofluoromethane
Concen: 0.895 ug/L m
RT: 3.257 min Scan# 222
Delta R.T. -0.012 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion: 101 Resp: 3336
Ion Ratio Lower Upper
101 100
103 62.3 51.0 76.4





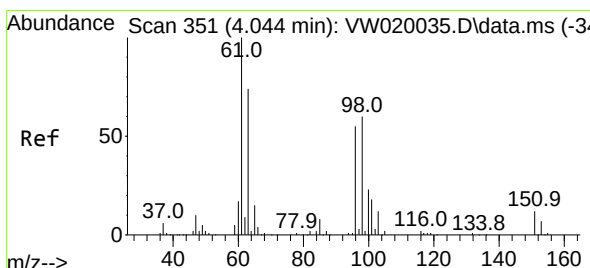
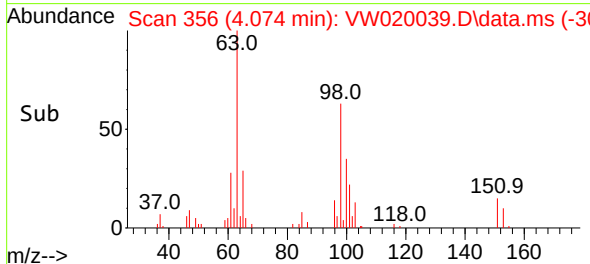
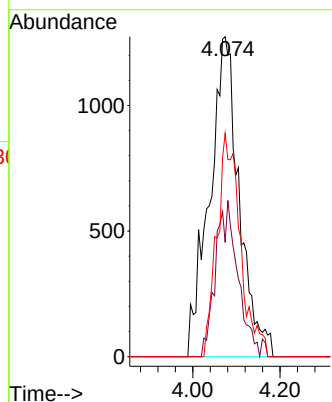
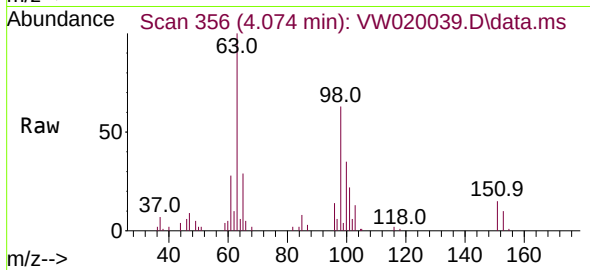
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.439 ug/L m
 RT: 4.074 min Scan# 356
 Delta R.T. -0.000 min
 Lab File: VW020039.D
 Acq: 16 Sep 2021 12:03

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Tgt Ion:101 Resp: 6032
 Ion Ratio Lower Upper
 101 100
 85 17.3 38.2 57.2#
 151 9.7 56.6 85.0#

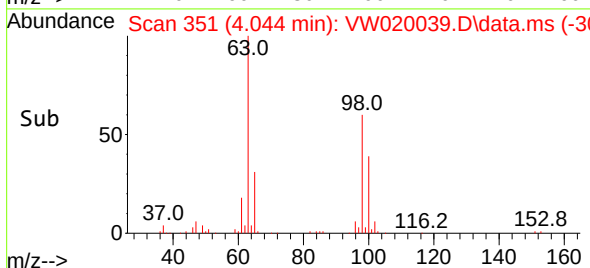
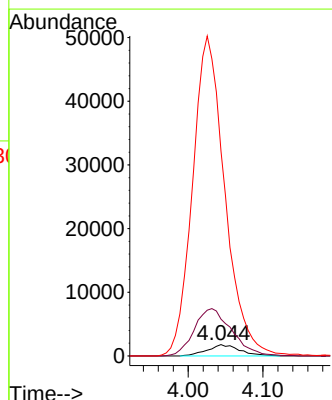
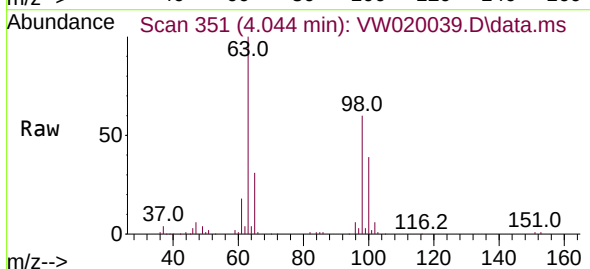
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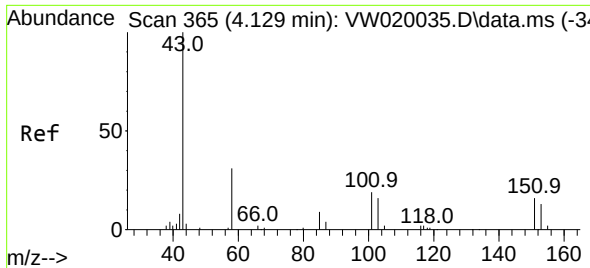
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#12
 1,1-Dichloroethene
 Concen: 1.357 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW020039.D
 Acq: 16 Sep 2021 12:03

Tgt Ion: 96 Resp: 5384
 Ion Ratio Lower Upper
 96 100
 61 324.9 118.1 219.3#
 63 1806.7 83.7 155.5#





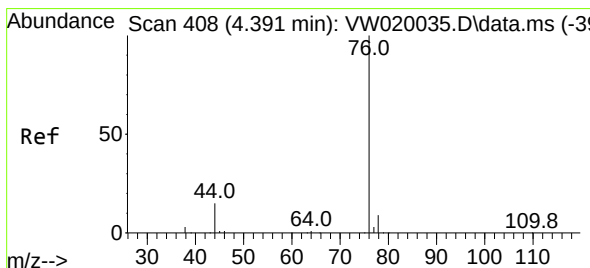
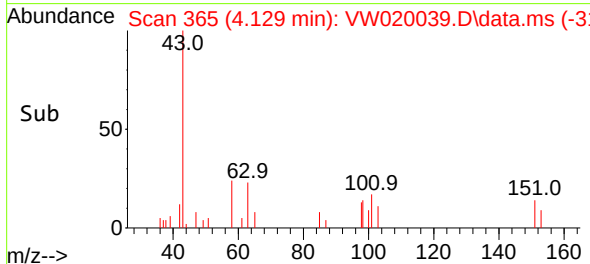
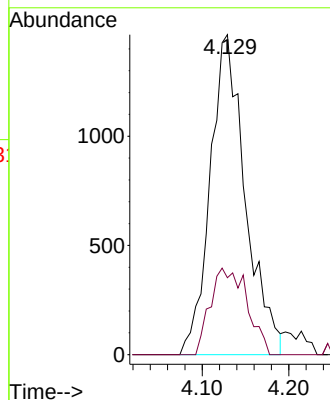
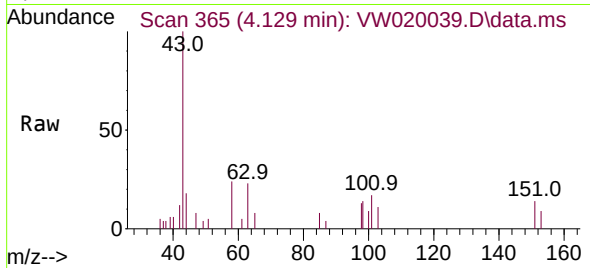
#13
Acetone
Concen: 3.306 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion: 43 Resp: 4137
Ion Ratio Lower Upper
43 100
58 20.4 0.0 53.8

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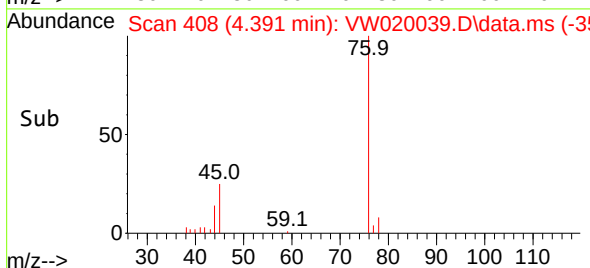
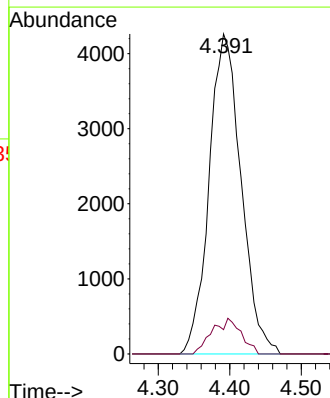
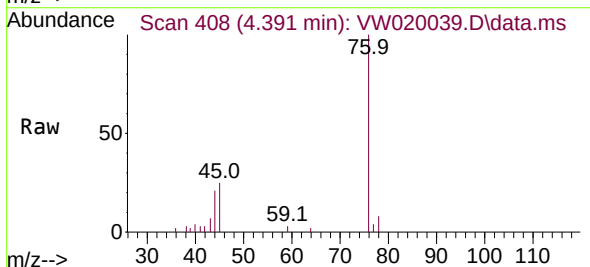
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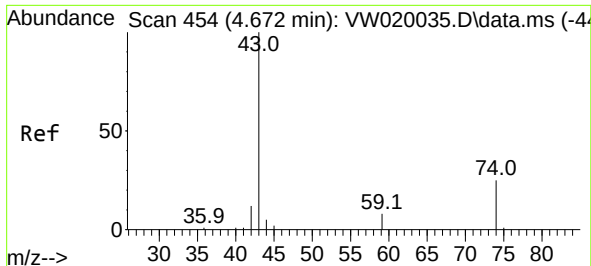
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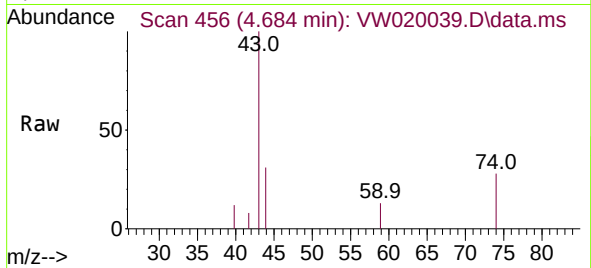
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Carbon disulfide
Concen: 1.021 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion: 76 Resp: 13233
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.0

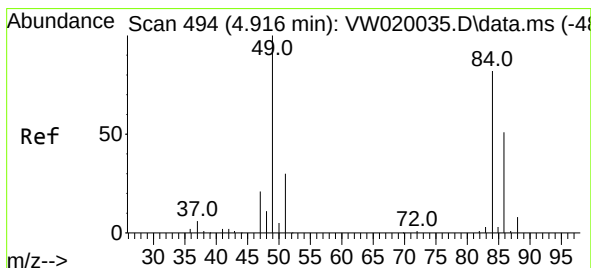
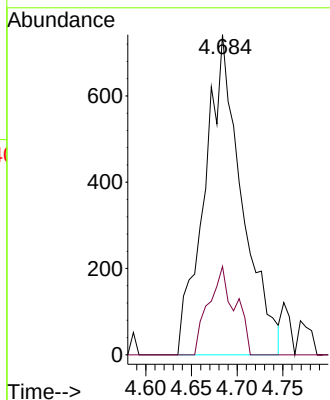
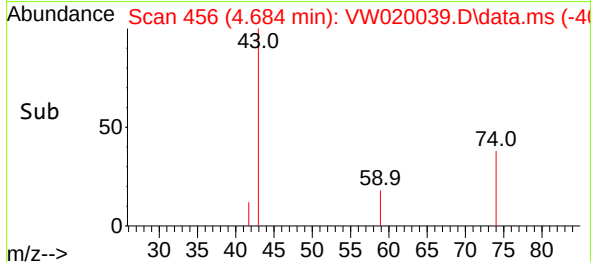




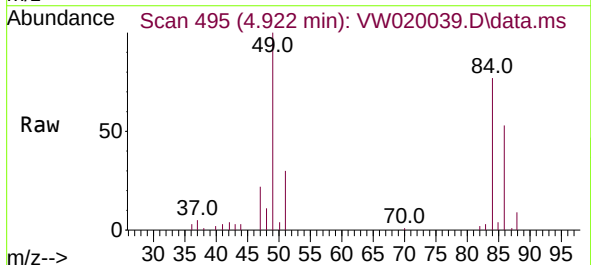
#15
Methyl Acetate
Concen: 0.966 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03



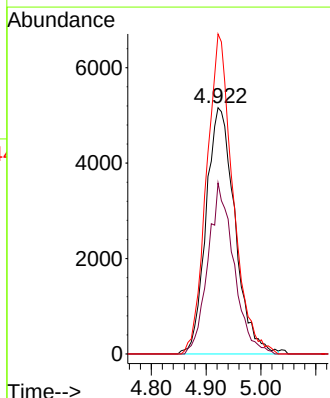
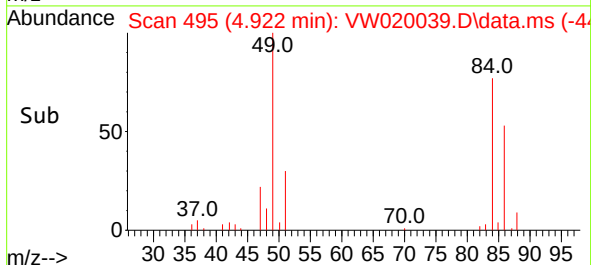
Tgt Ion: 43 Resp: 2109
Ion Ratio Lower Upper
43 100
74 15.6 20.0 30.0#



#16
Methylene chloride
Concen: 3.657 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03



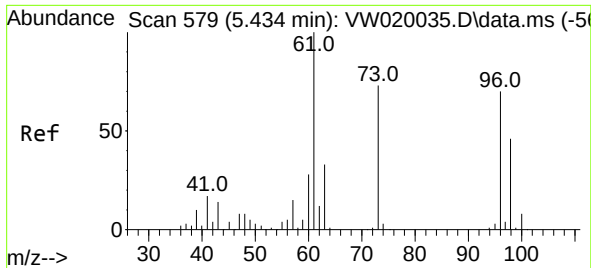
Tgt Ion: 84 Resp: 18844
Ion Ratio Lower Upper
84 100
86 69.4 45.3 84.1
49 130.0 86.6 160.8



Instrument :
MSVOA_W
ClientSampleId :
MDL7

Manual Integrations
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#17
trans-1,2-Dichloroethene
Concen: 0.950 ug/L
RT: 5.434 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

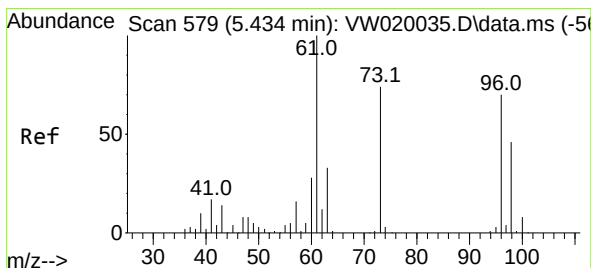
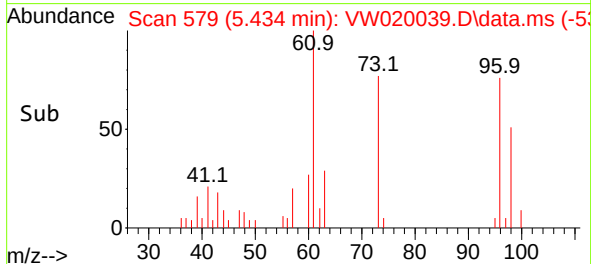
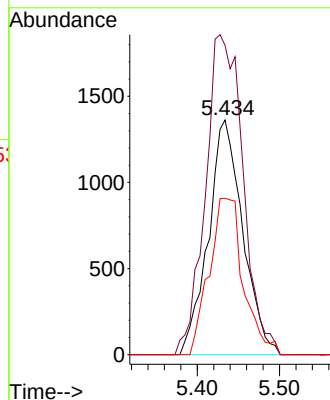
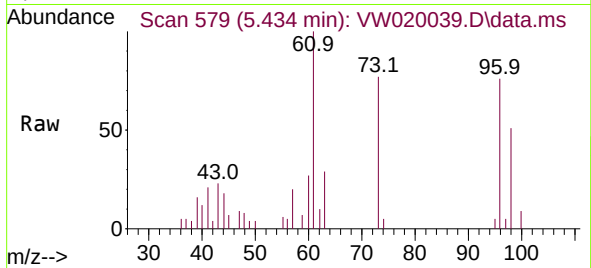
Tgt Ion: 96 Resp: 3971

Ion	Ratio	Lower	Upper
96	100		
61	131.8	98.3	182.7
98	66.6	46.1	85.7

Instrument :
MSVOA_W
ClientSampled :
MDL7

Manual Integrations
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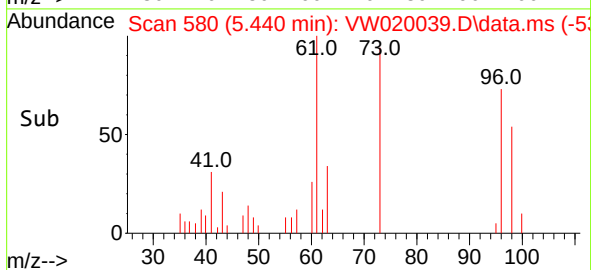
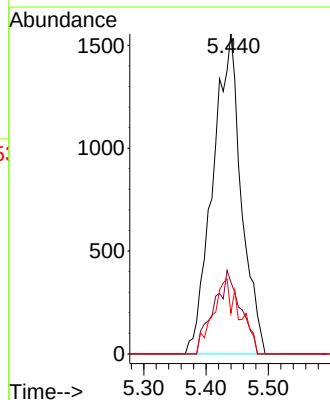
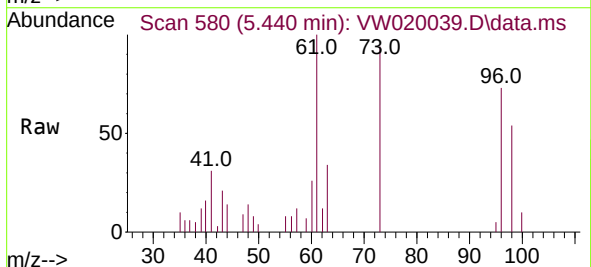
MMDadoda
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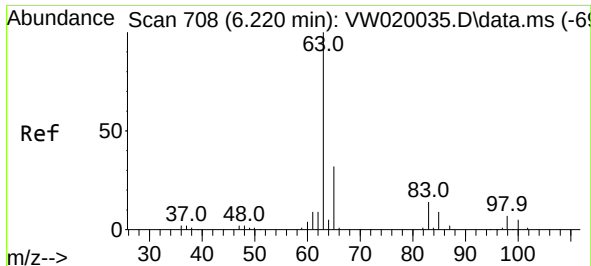


#18
Methyl tert-butyl Ether
Concen: 0.950 ug/L m
RT: 5.440 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion: 73 Resp: 4962

Ion	Ratio	Lower	Upper
73	100		
43	13.9	17.7	26.5#
57	17.8	17.0	25.4





#19

1,1-Dichloroethane

Concen: 1.054 ug/L

RT: 6.226 min Scan# 709

Delta R.T. 0.006 min

Lab File: VW020039.D

Acq: 16 Sep 2021 12:03

Tgt Ion:	63	Resp:	7883
Ion	Ratio	Lower	Upper
63	100		
65	38.7	22.9	42.5
83	13.7	10.2	19.0

Instrument :

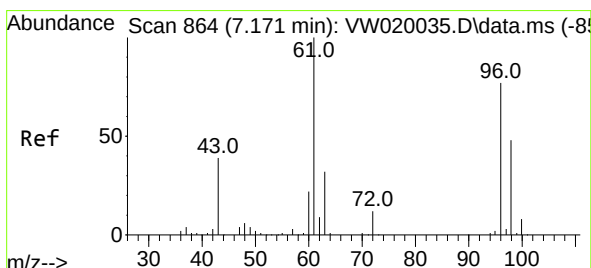
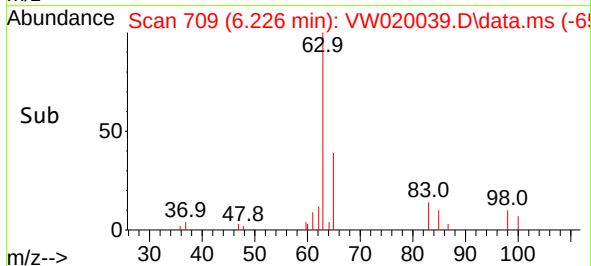
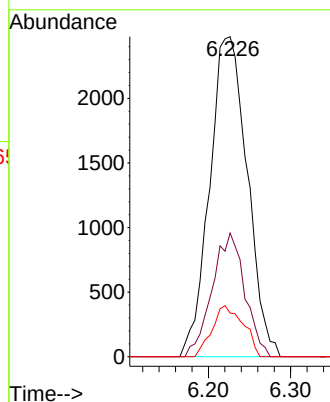
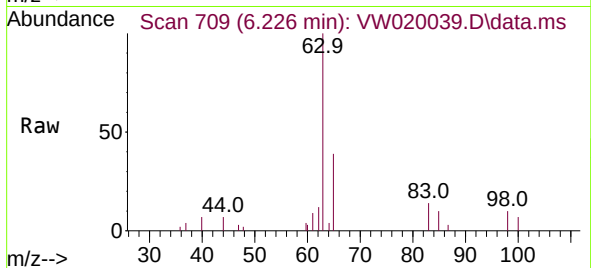
MSVOA_W

ClientSampled :

MDL7

Manual Integrations
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#20

cis-1,2-Dichloroethene

Concen: 1.041 ug/L

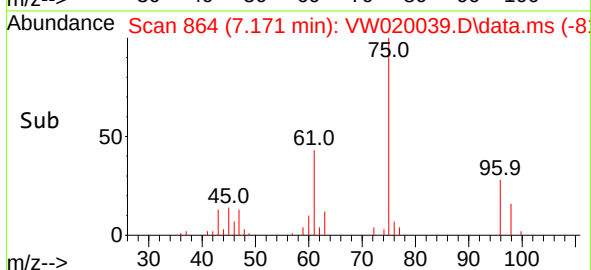
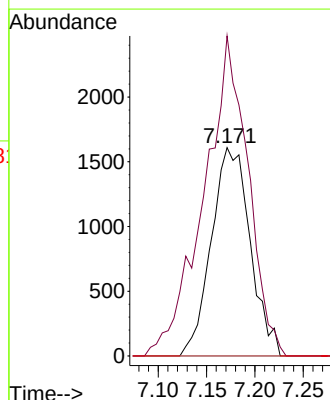
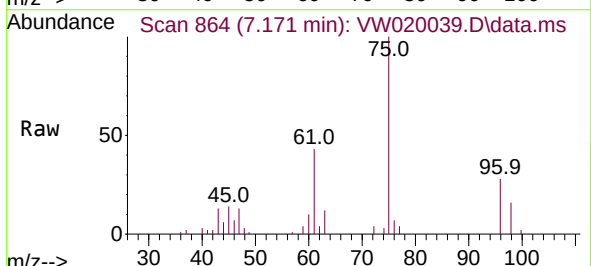
RT: 7.171 min Scan# 864

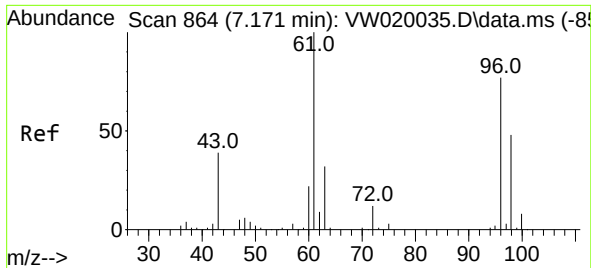
Delta R.T. -0.000 min

Lab File: VW020039.D

Acq: 16 Sep 2021 12:03

Tgt Ion:	96	Resp:	4495
Ion	Ratio	Lower	Upper
96	100		
61	153.6	88.5	164.3
68	0.0	0.0	0.0





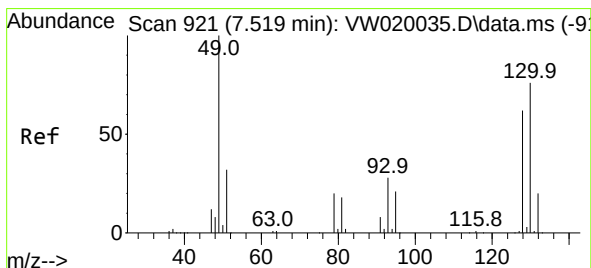
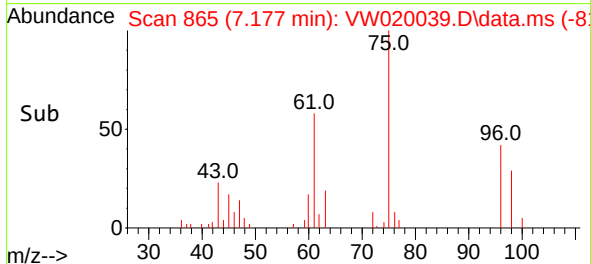
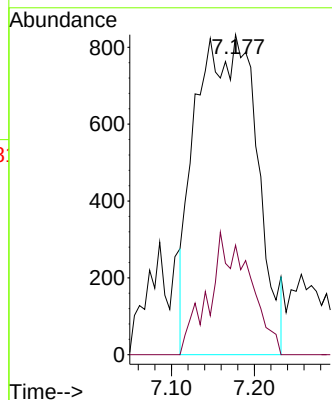
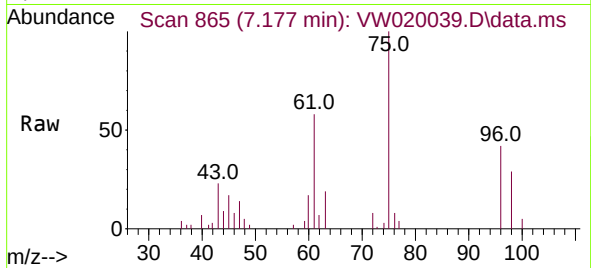
#22
2-Butanone
Concen: 2.720 ug/L m
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion: 43 Resp: 4266
Ion Ratio Lower Upper
43 100
72 2.3 14.9 44.7#

Instrument :
MSVOA_W
ClientSampled :
MDL7

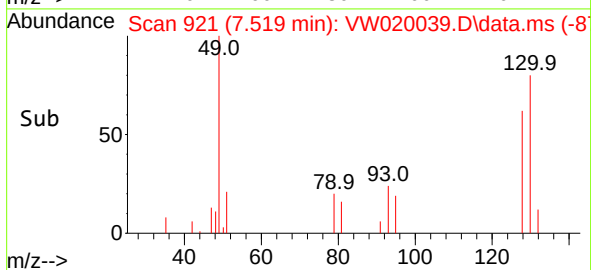
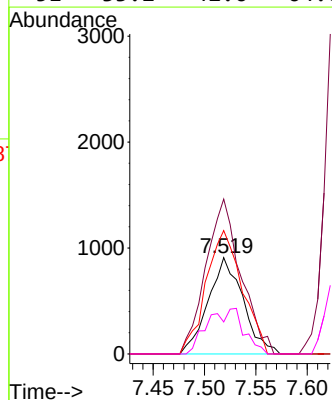
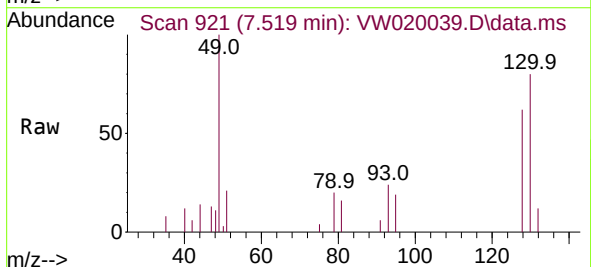
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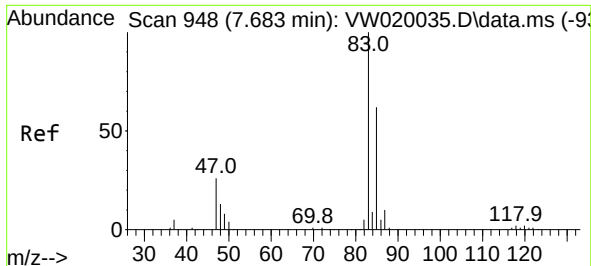
MMDadoda
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#23
Bromochloromethane
Concen: 1.074 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion: 128 Resp: 2147
Ion Ratio Lower Upper
128 100
49 160.8 116.3 215.9
130 128.1 82.4 153.0
51 33.2 42.6 64.0#





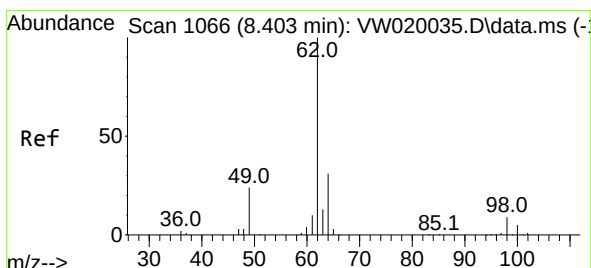
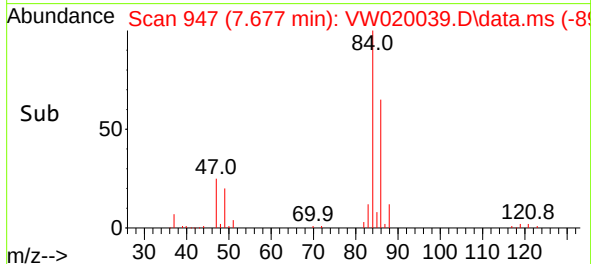
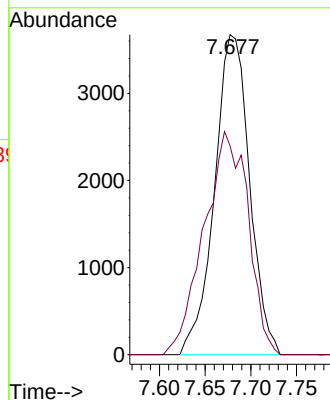
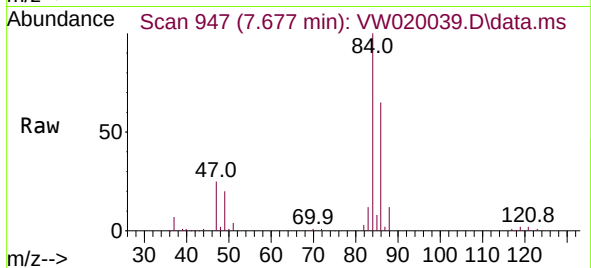
#25
Chloroform
Concen: 1.248 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Instrument :
MSVOA_W
ClientSampleId :
MDL7

Tgt Ion: 83 Resp: 9807
Ion Ratio Lower Upper
83 100
85 65.2 44.6 82.8

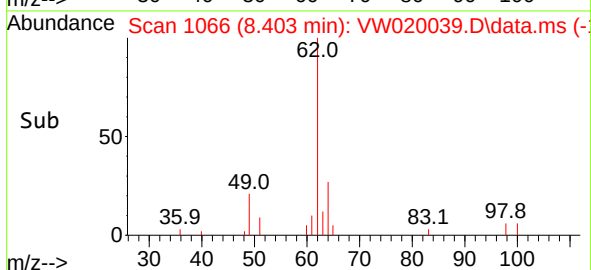
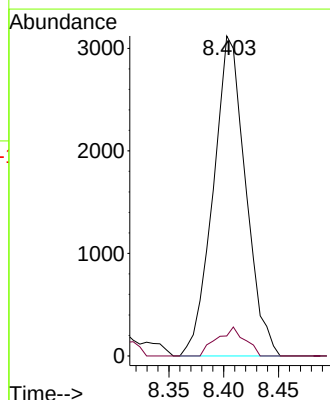
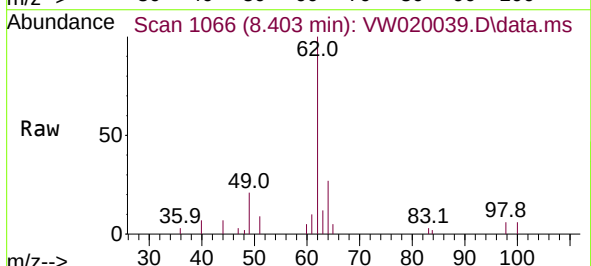
Manual Integrations
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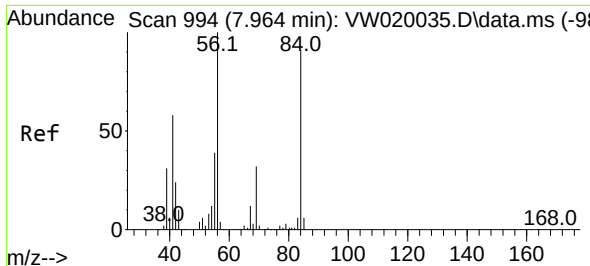
MMDadoda
9/17/2021 4:38:48 PM



#27
1,2-Dichloroethane
Concen: 1.166 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

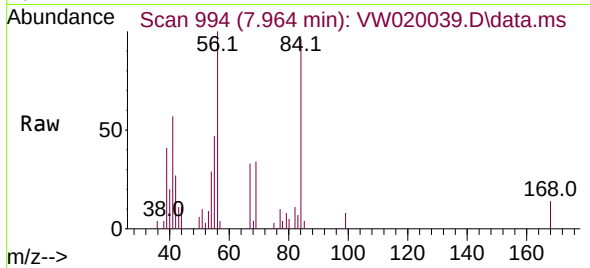
Tgt Ion: 62 Resp: 6412
Ion Ratio Lower Upper
62 100
98 6.2 6.9 10.3#





#29
Cyclohexane
Concen: 0.798 ug/L
RT: 7.964 min Scan# 994
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

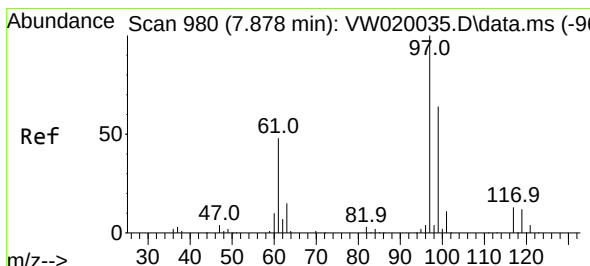
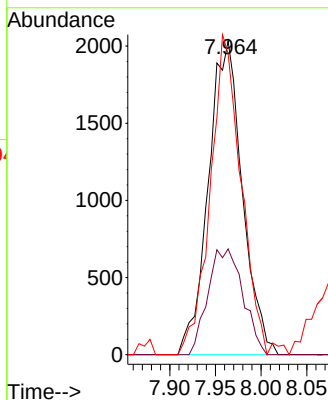
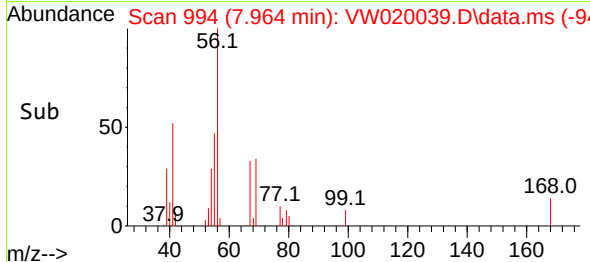
Instrument :
MSVOA_W
ClientSampleId :
MDL7



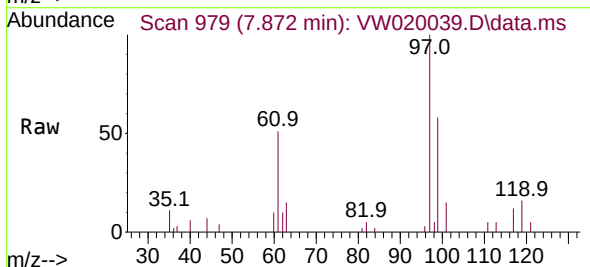
Tgt Ion: 56 Resp: 5260
Ion Ratio Lower Upper
56 100
69 34.8 24.5 36.7
84 91.9 75.0 112.4

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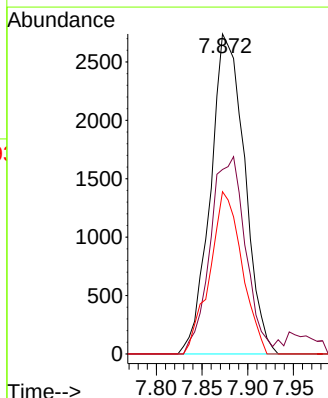
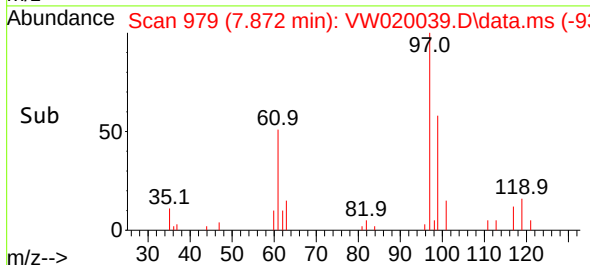
MMDadoda
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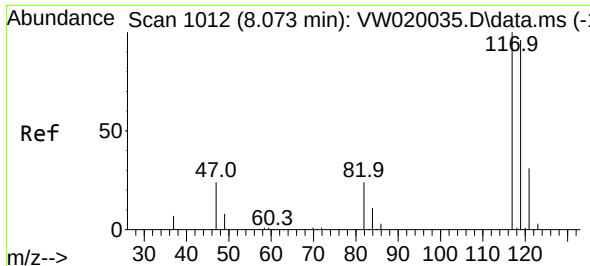


#30
1,1,1-Trichloroethane
Concen: 1.037 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03



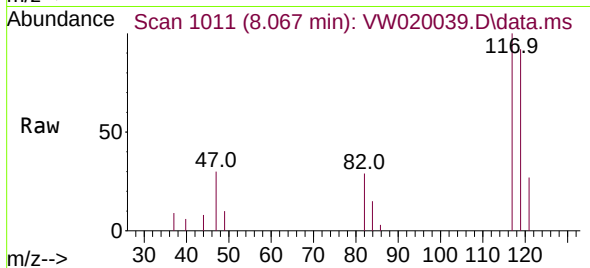
Tgt Ion: 97 Resp: 7118
Ion Ratio Lower Upper
97 100
99 2.4 51.4 77.2#
61 47.8 37.8 56.6





#31
Carbon tetrachloride
Concen: 0.975 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

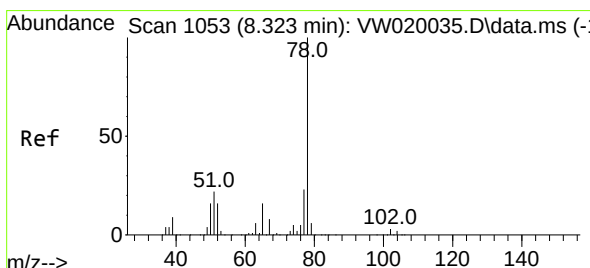
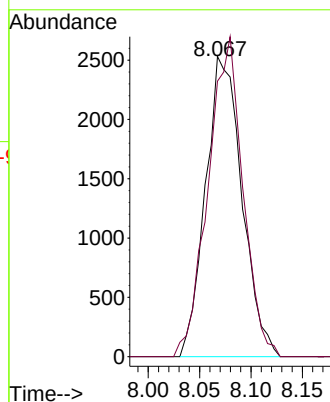
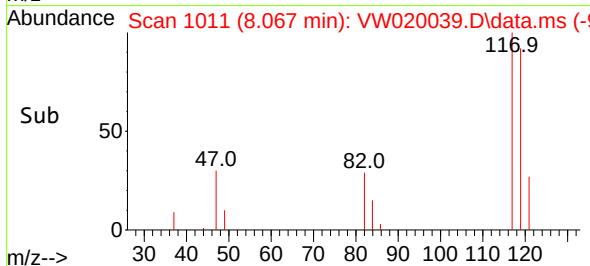
Instrument :
MSVOA_W
ClientSampleId :
MDL7



Tgt Ion: 117 Resp: 6244
Ion Ratio Lower Upper
117 100
119 101.5 76.5 114.7

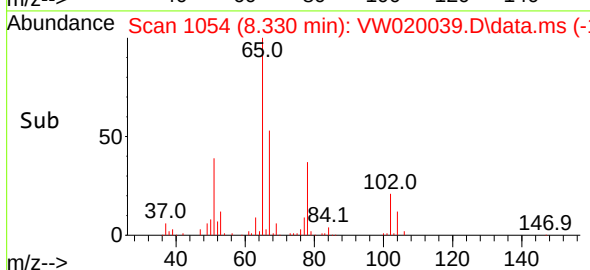
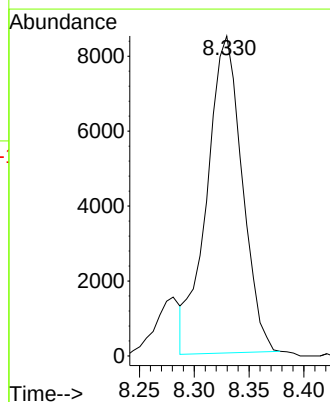
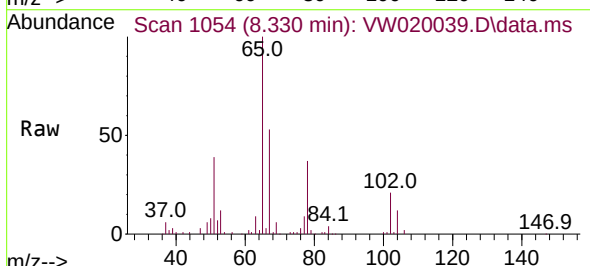
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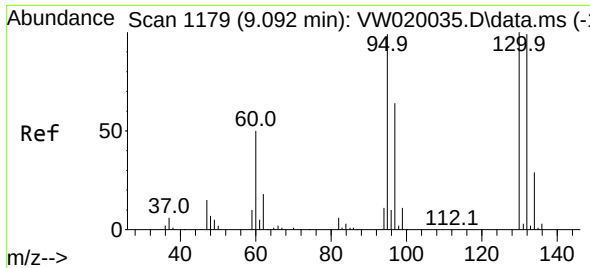
MMDadoda
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#33
Benzene
Concen: 1.075 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion: 78 Resp: 18947





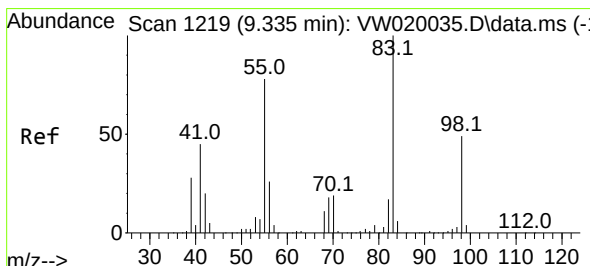
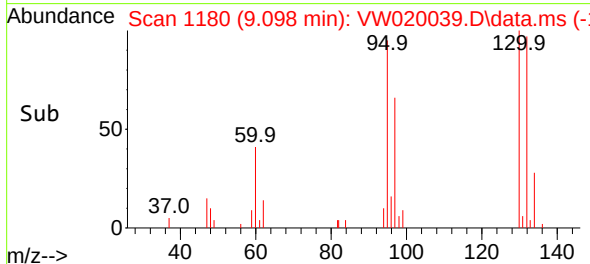
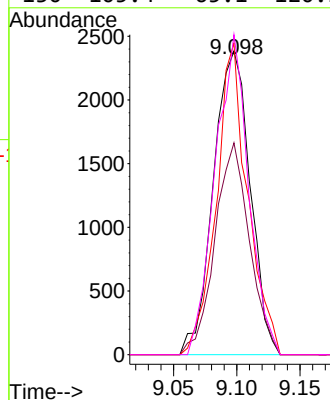
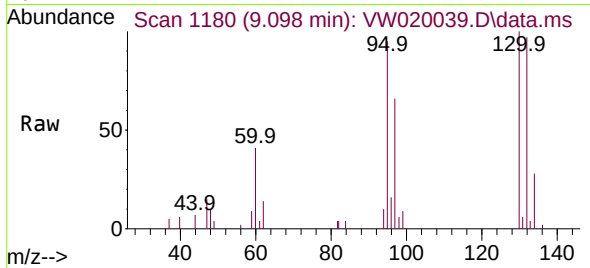
#34
Trichloroethene
Concen: 1.032 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion: 95 Resp: 4817
Ion Ratio Lower Upper
95 100
97 69.8 47.3 87.8
132 102.6 71.0 131.8
130 105.4 65.1 120.9

Instrument :
MSVOA_W
ClientSampled :
MDL7

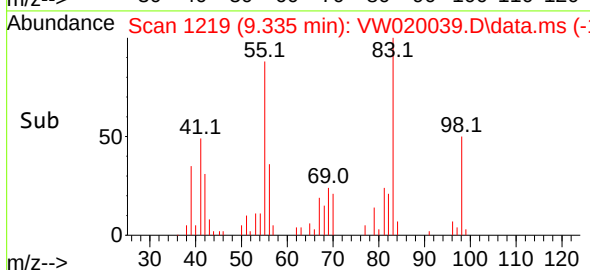
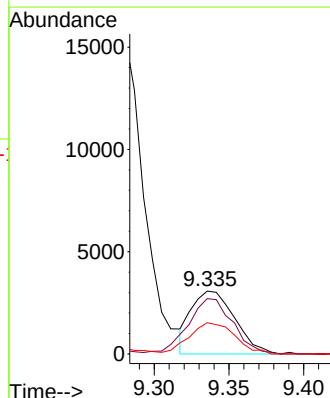
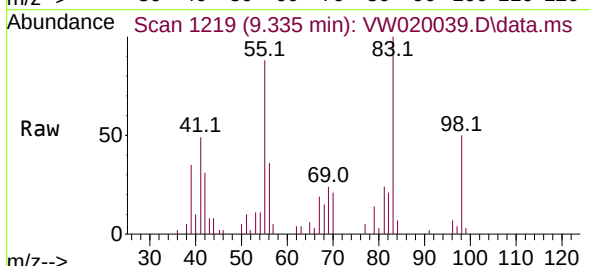
Manual Integrations
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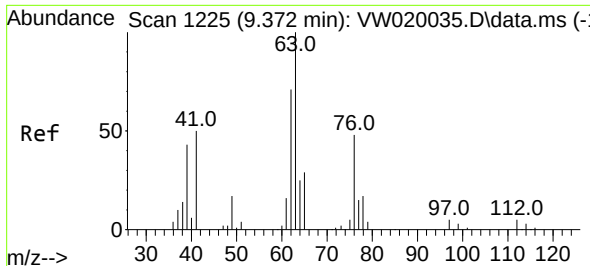
MMDadoda
9/17/2021 4:38:48 PM



#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion: 83 Resp: 6203
Ion Ratio Lower Upper
83 100
55 90.7 58.9 88.3#
98 52.0 40.1 60.1





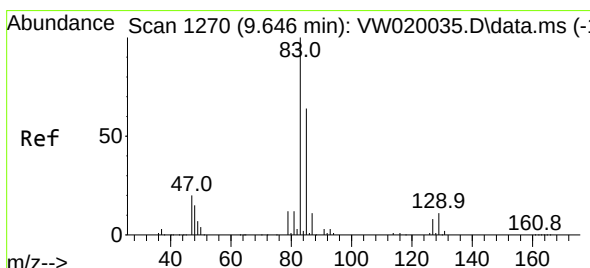
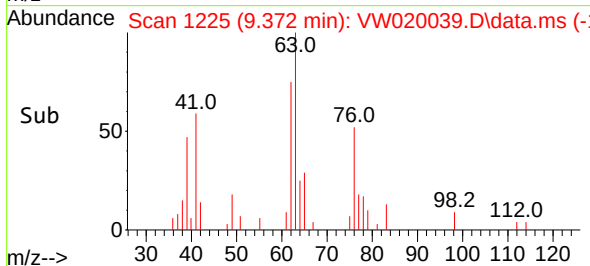
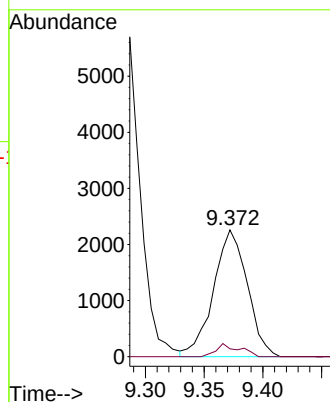
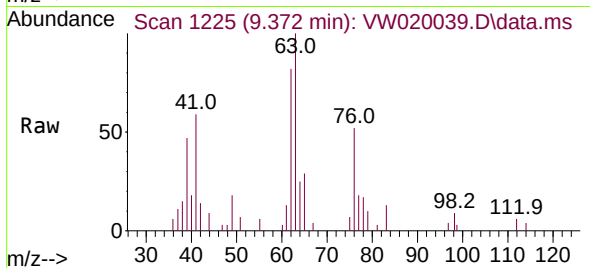
#37
1,2-Dichloropropane
Concen: 1.060 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Instrument :
MSVOA_W
ClientSampled :
MDL7

Tgt Ion: 63 Resp: 4523
Ion Ratio Lower Upper
63 100
112 5.2 3.9 5.9

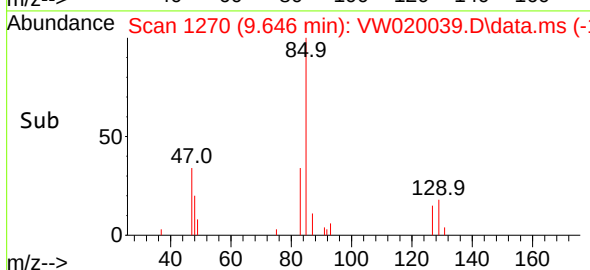
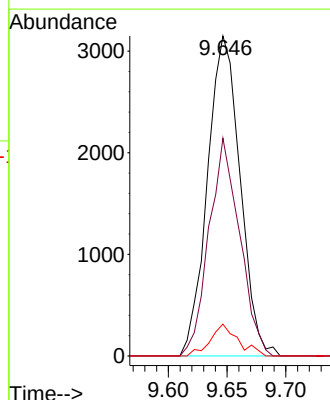
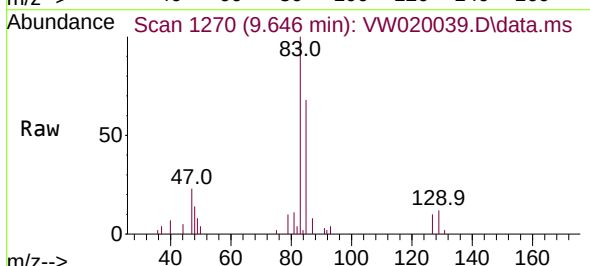
Manual Integrations
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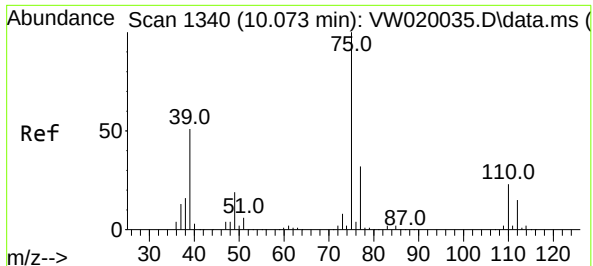
MMDadoda
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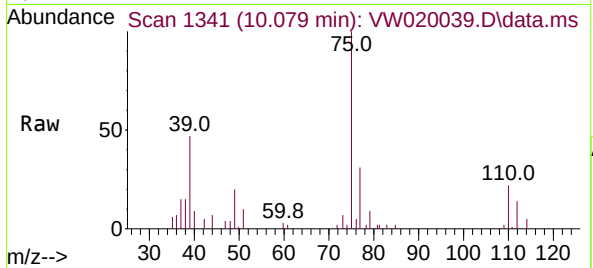
#38
Bromodichloromethane
Concen: 1.057 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion: 83 Resp: 6084
Ion Ratio Lower Upper
83 100
85 68.1 42.3 78.5
127 10.0 6.6 9.8#

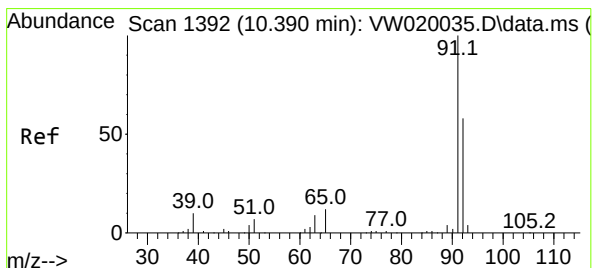
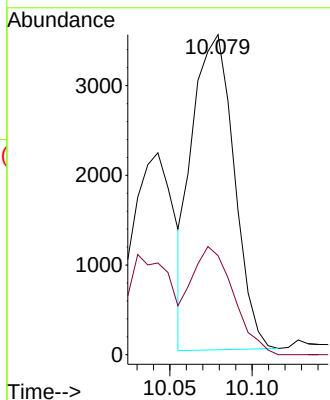
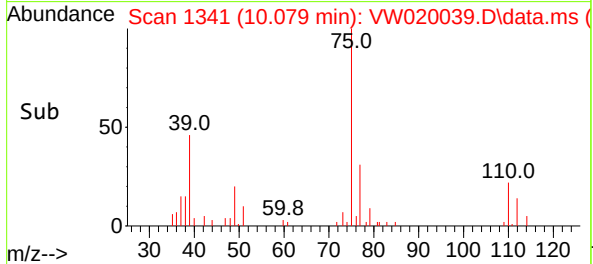




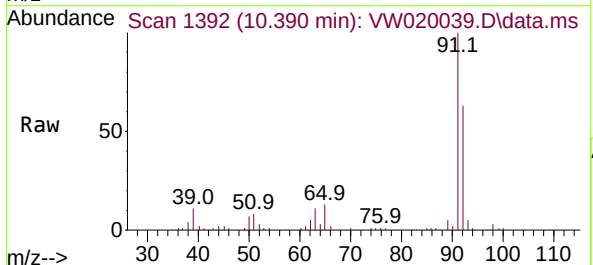
#39
 cis-1,3-Dichloropropene
 Concen: 0.966 ug/L
 RT: 10.079 min Scan# 1341
 Delta R.T. 0.006 min
 Lab File: VW020039.D
 Acq: 16 Sep 2021 12:03



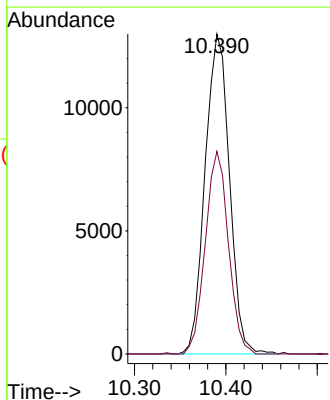
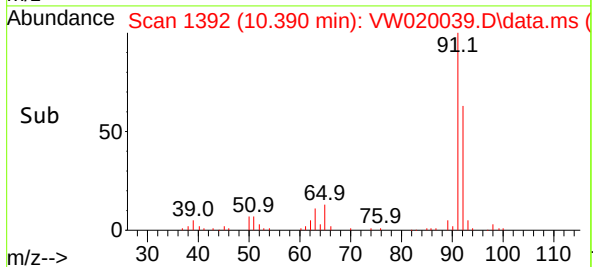
Tgt Ion: 75 Resp: 6219
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.6 42.0



#42
 Toluene
 Concen: 1.281 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. -0.000 min
 Lab File: VW020039.D
 Acq: 16 Sep 2021 12:03



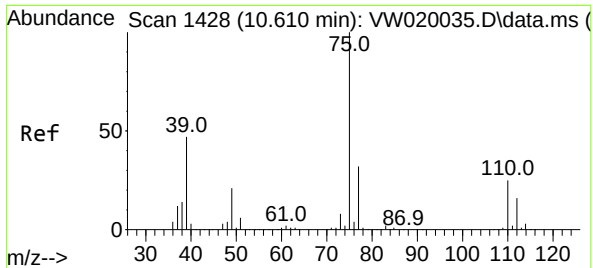
Tgt Ion: 91 Resp: 24084
 Ion Ratio Lower Upper
 91 100
 92 63.3 39.5 73.3



Instrument :
 MSVOA_W
 ClientSampled :
 MDL7

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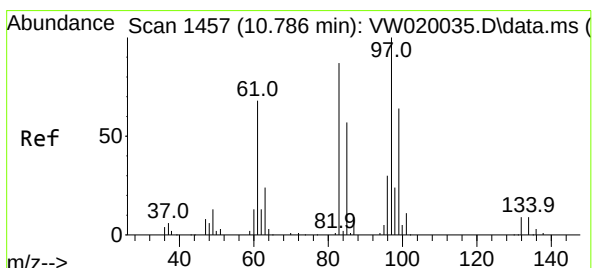
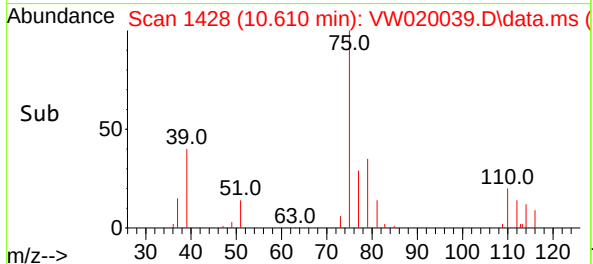
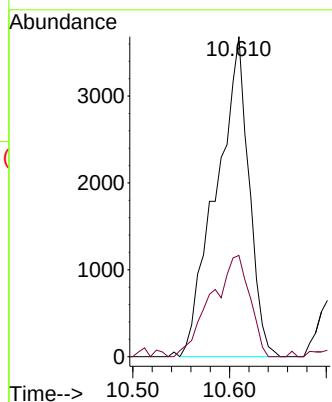
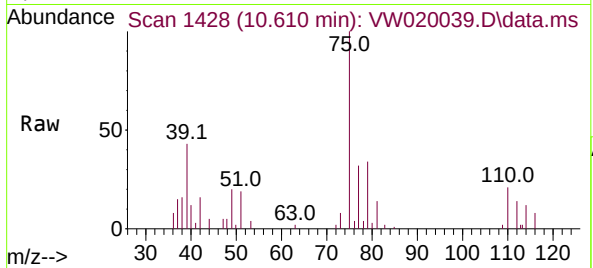
#44
trans-1,3-Dichloropropene
Concen: 1.416 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Instrument :
MSVOA_W
ClientSampleId :
MDL7

Tgt Ion: 75 Resp: 8637
Ion Ratio Lower Upper
75 100
77 31.6 21.1 39.1

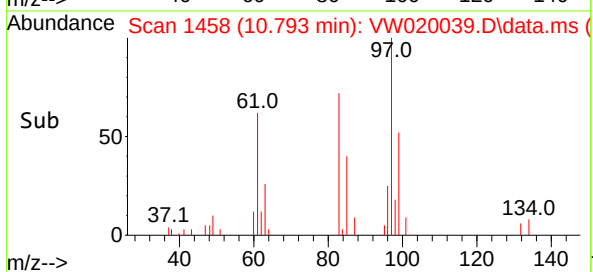
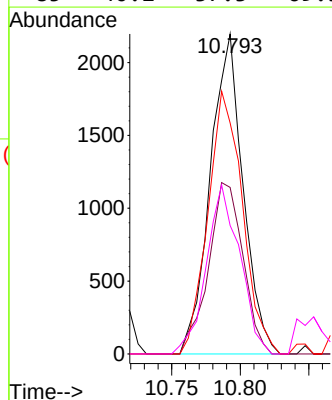
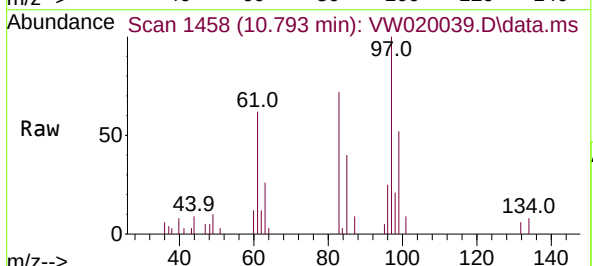
Manual Integrations
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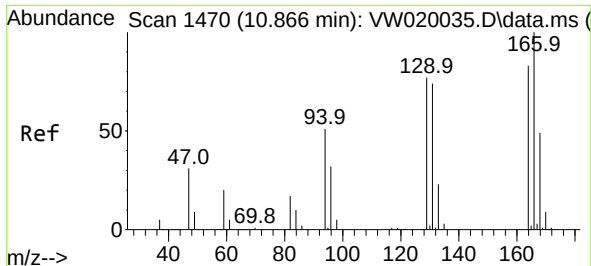
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#45
1,1,2-Trichloroethane
Concen: 1.070 ug/L
RT: 10.793 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

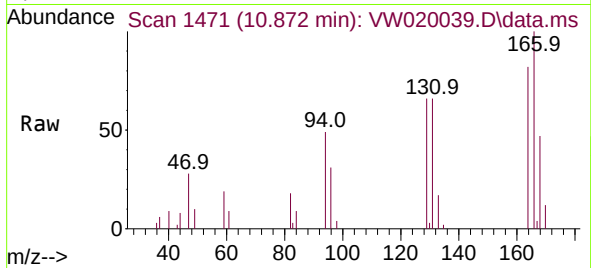
Tgt Ion: 97 Resp: 3650
Ion Ratio Lower Upper
97 100
99 52.0 45.1 83.7
83 72.2 58.1 107.9
85 40.2 37.3 69.3





#46
Tetrachloroethene
Concen: 1.028 ug/L
RT: 10.872 min Scan# 1471
Delta R.T. 0.012 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

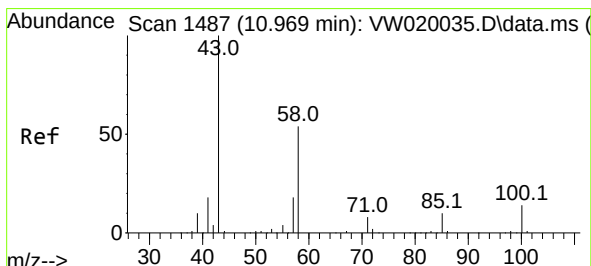
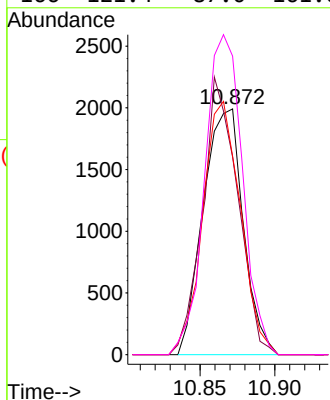
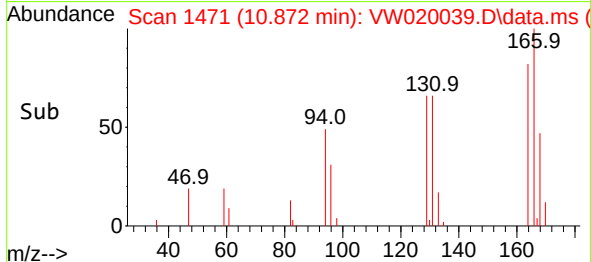
Instrument :
MSVOA_W
ClientSampled :
MDL7



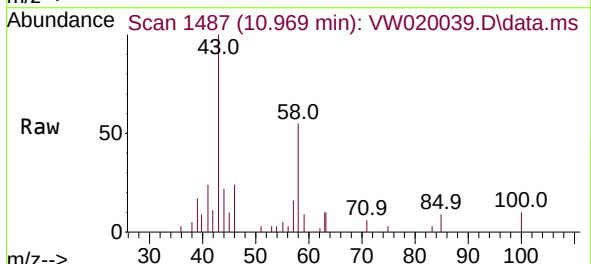
Tgt Ion:164 Resp: 3711
Ion Ratio Lower Upper
164 100
129 80.4 66.7 123.9
131 80.7 61.1 113.5
166 121.4 87.0 161.6

Manual Integrations
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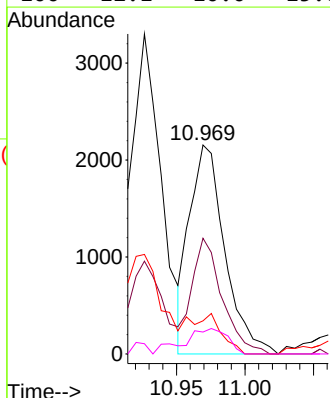
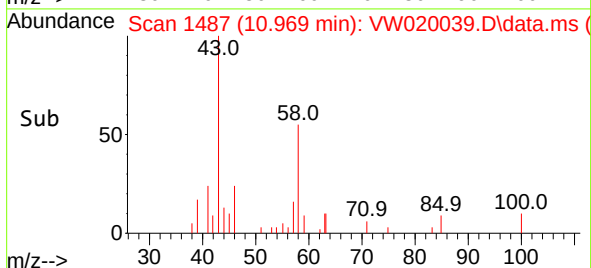
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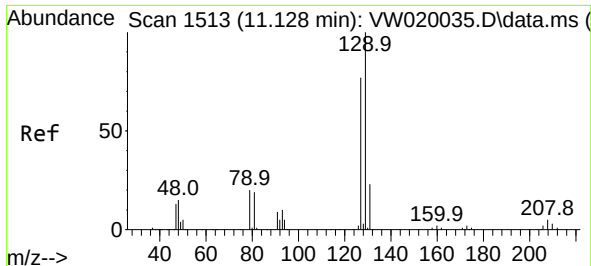


#48
2-Hexanone
Concen: 1.773 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03



Tgt Ion: 43 Resp: 3869
Ion Ratio Lower Upper
43 100
58 47.6 42.7 64.1
57 11.4 15.8 23.8#
100 12.1 10.0 15.0





#49

Dibromochloromethane

Concen: 0.978 ug/L

RT: 11.134 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VW020039.D

Acq: 16 Sep 2021 12:03

Tgt Ion:129 Resp: 3835

Ion Ratio Lower Upper

129 100

127 71.6 51.7 95.9

Instrument :

MSVOA_W

ClientSampled :

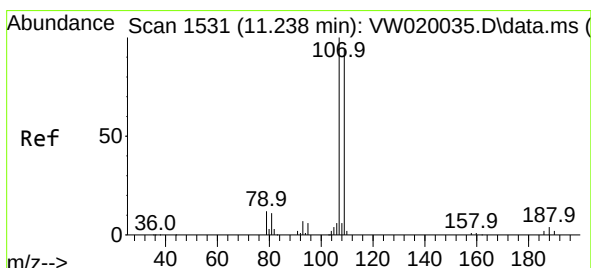
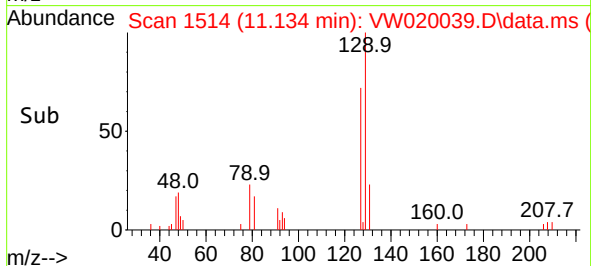
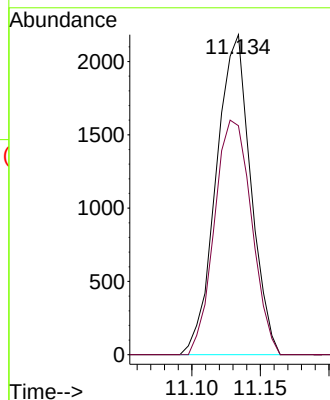
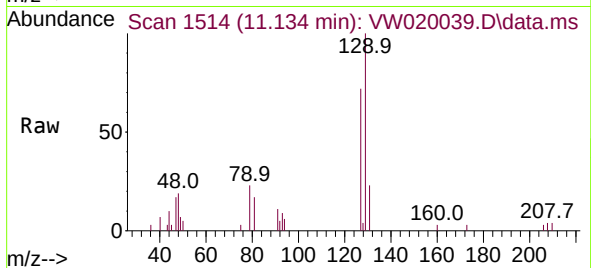
MDL7

Manual Integrations

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#50

1,2-Dibromoethane

Concen: 1.010 ug/L

RT: 11.238 min Scan# 1531

Delta R.T. -0.000 min

Lab File: VW020039.D

Acq: 16 Sep 2021 12:03

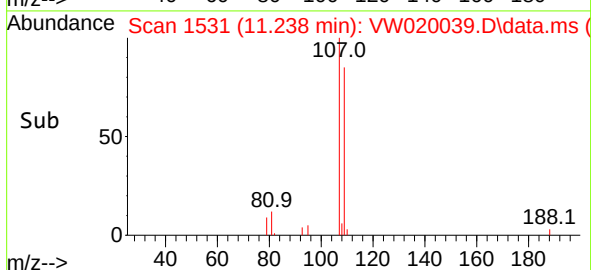
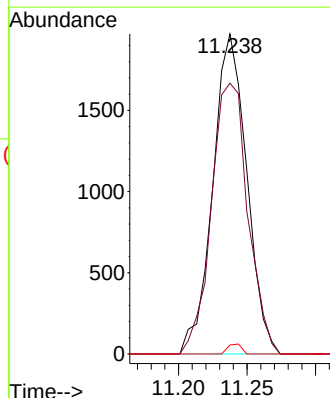
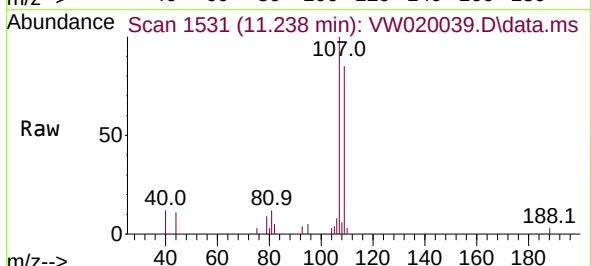
Tgt Ion:107 Resp: 3391

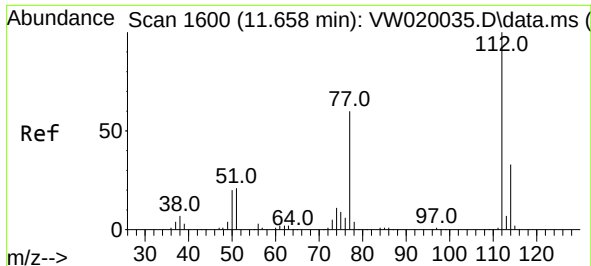
Ion Ratio Lower Upper

107 100

109 84.6 65.4 121.4

188 2.8 2.6 4.0





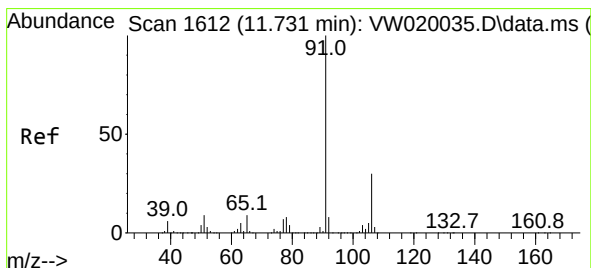
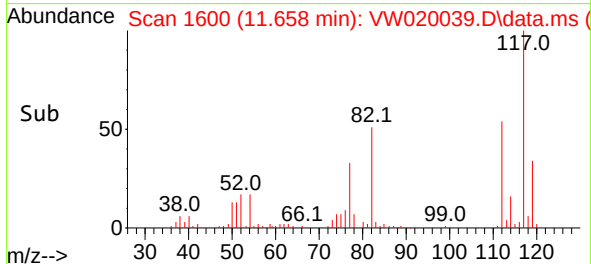
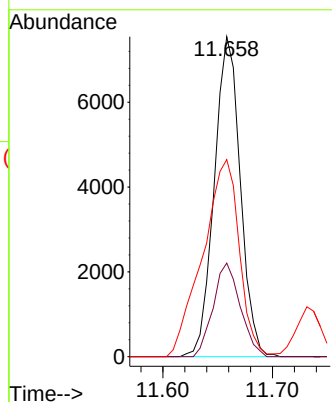
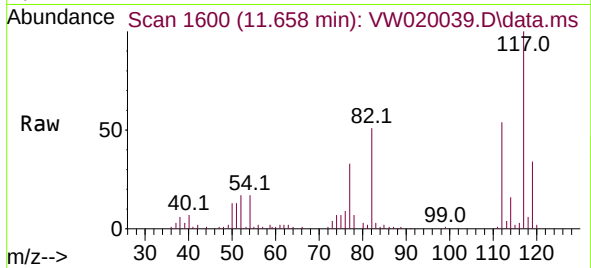
#51
Chlorobenzene
Concen: 1.022 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Instrument :
MSVOA_W
ClientSampled :
MDL7

Tgt Ion:	112	Resp:	12455
Ion Ratio	Lower	Upper	
112	100		
114	29.2	23.4	43.6
77	61.6	47.6	71.4

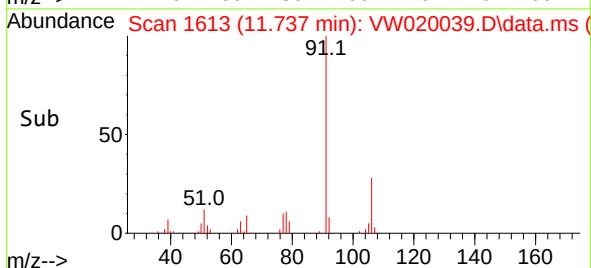
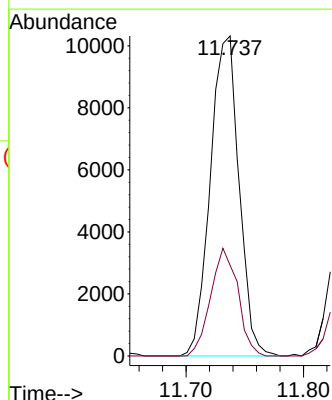
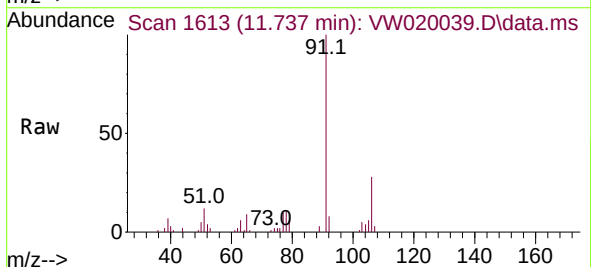
Manual Integrations
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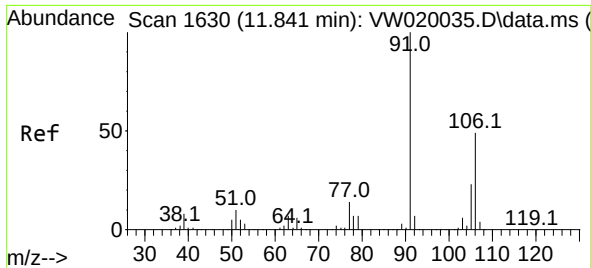
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#52
Ethylbenzene
Concen: 0.854 ug/L
RT: 11.737 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion:	91	Resp:	17534
Ion Ratio	Lower	Upper	
91	100		
106	28.3	22.5	41.7





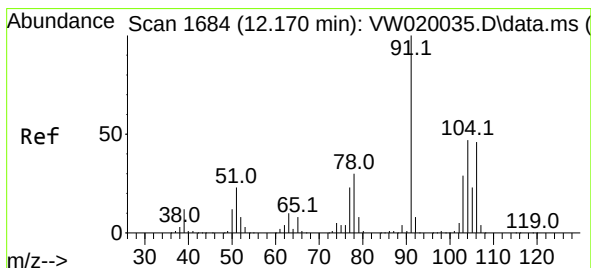
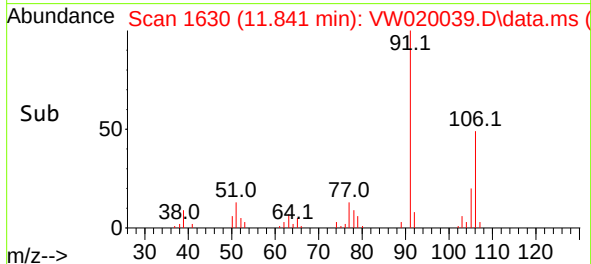
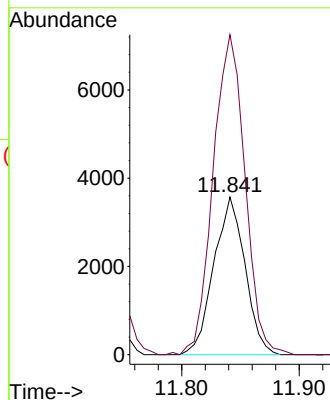
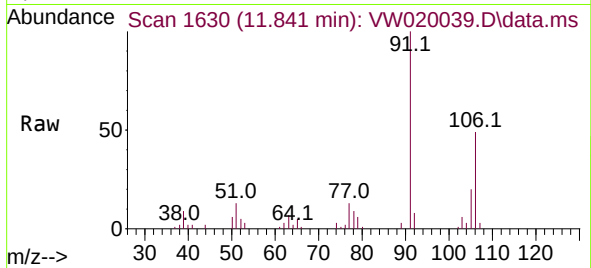
#53
m,p-Xylene
Concen: 0.844 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion:106 Resp: 6597
Ion Ratio Lower Upper
106 100
91 203.0 141.3 262.3

Instrument :
MSVOA_W
ClientSampleId :
MDL7

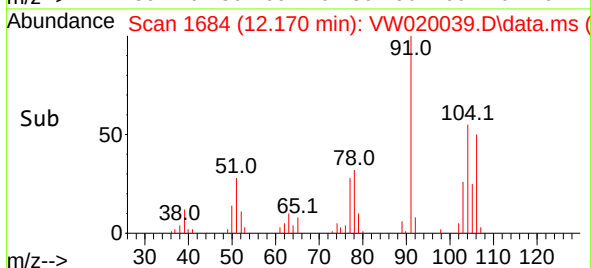
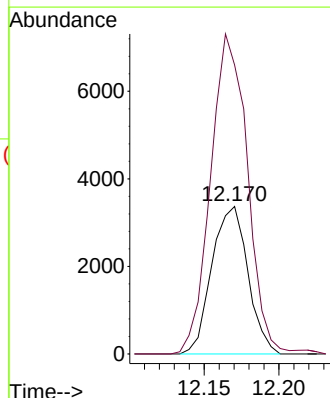
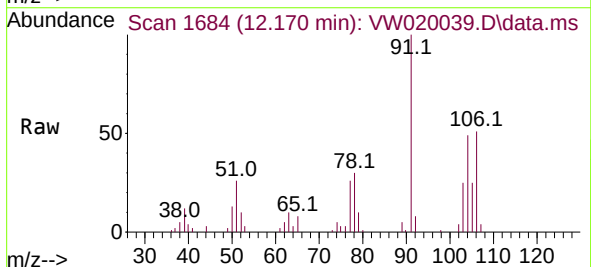
Manual Integrations
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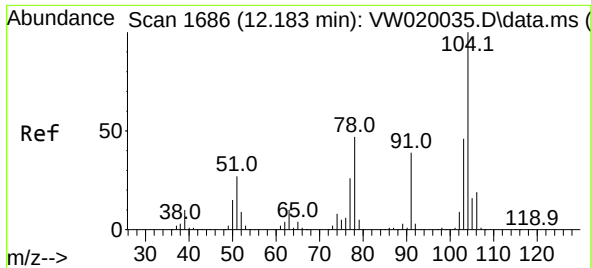
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#54
o-Xylene
Concen: 0.765 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion:106 Resp: 5643
Ion Ratio Lower Upper
106 100
91 195.8 150.0 278.6





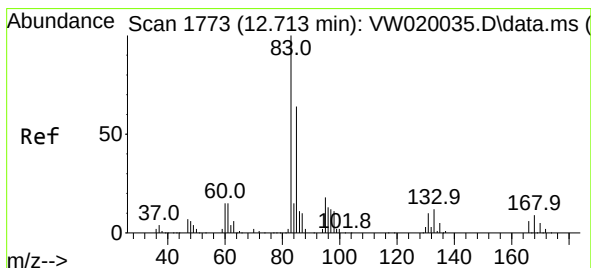
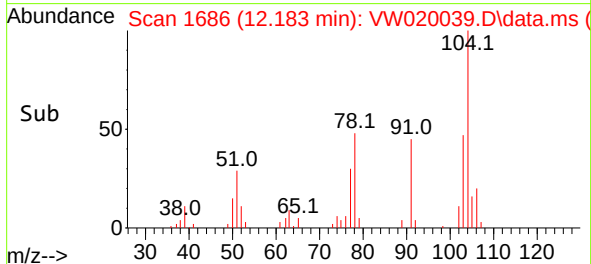
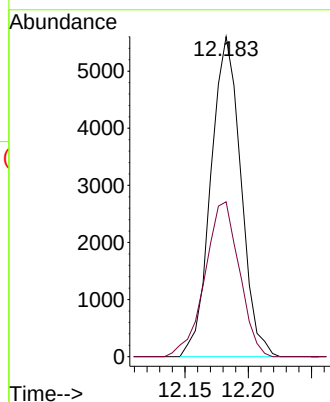
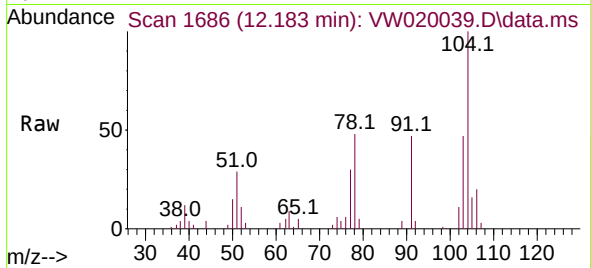
#55
Styrene
Concen: 0.729 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Instrument :
MSVOA_W
ClientSampled :
MDL7

Tgt Ion:104 Resp: 9247
Ion Ratio Lower Upper
104 100
78 48.4 32.5 60.3

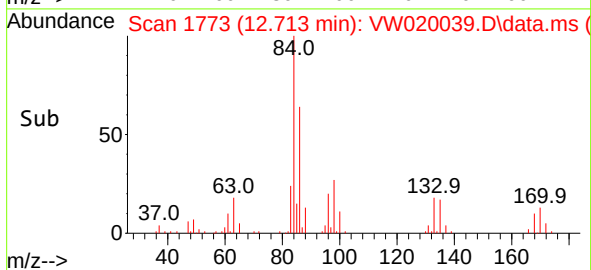
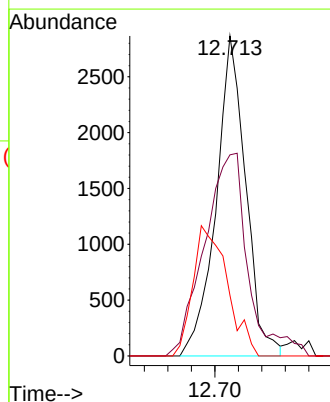
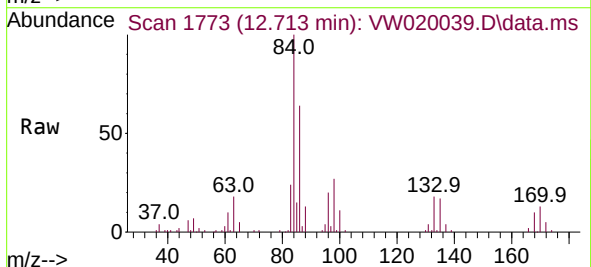
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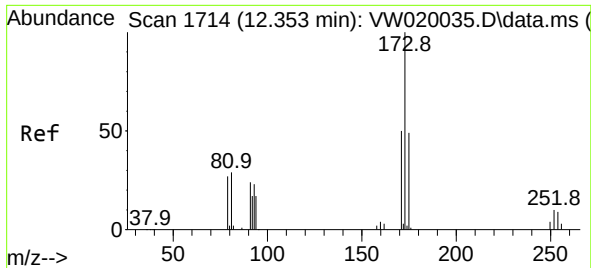
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#57
1,1,2,2-Tetrachloroethane
Concen: 1.122 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

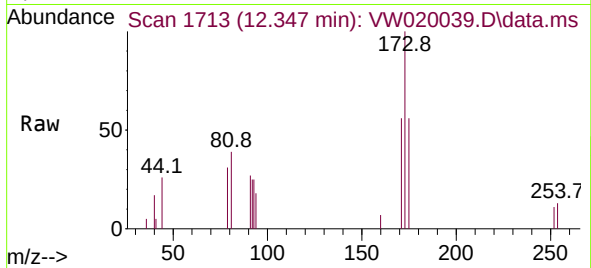
Tgt Ion: 83 Resp: 5017
Ion Ratio Lower Upper
83 100
85 62.9 44.4 82.4
131 18.9 8.2 12.4#





#59
Bromoform
Concen: 0.964 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

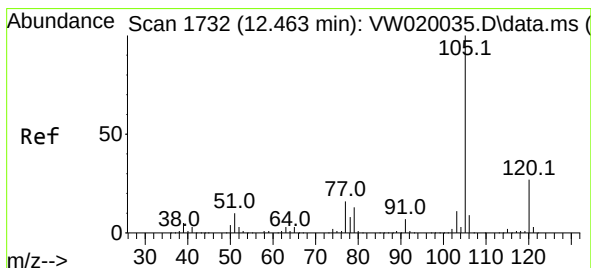
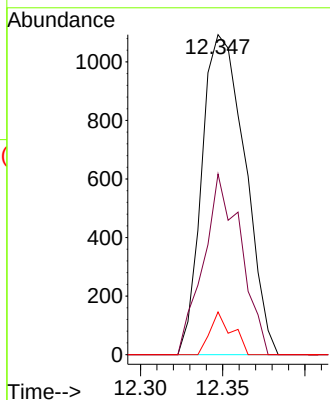
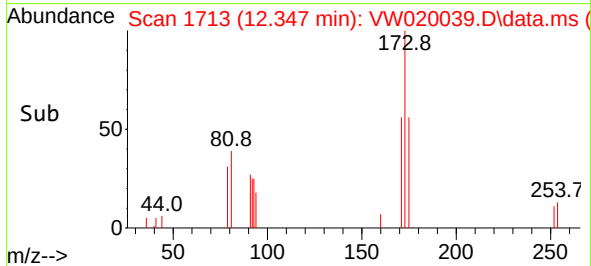
Instrument :
MSVOA_W
ClientSampled :
MDL7



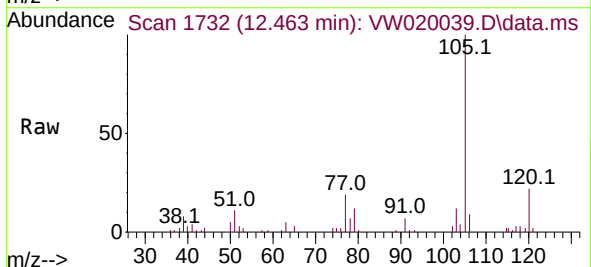
Tgt Ion:173 Resp: 1987
Ion Ratio Lower Upper
173 100
175 49.2 37.5 56.3
254 6.8 7.0 10.4#

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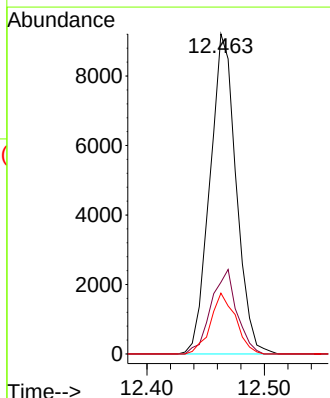
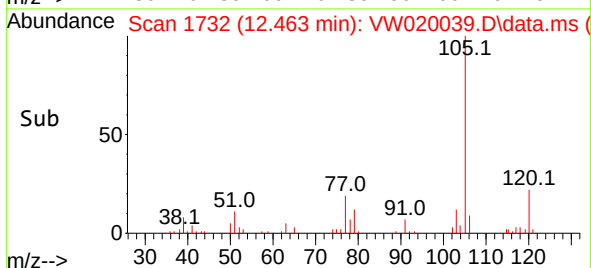
MMDadoda
9/17/2021 4:38:48 PM

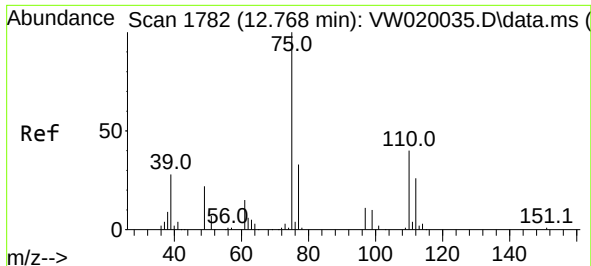


#60
Isopropylbenzene
Concen: 0.791 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03



Tgt Ion:105 Resp: 14286
Ion Ratio Lower Upper
105 100
120 25.8 21.1 31.7
77 18.2 13.2 19.8





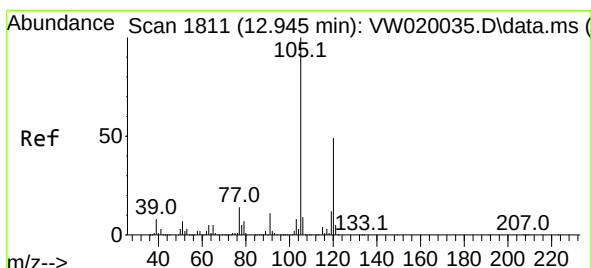
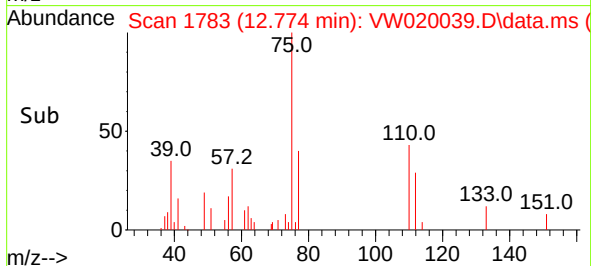
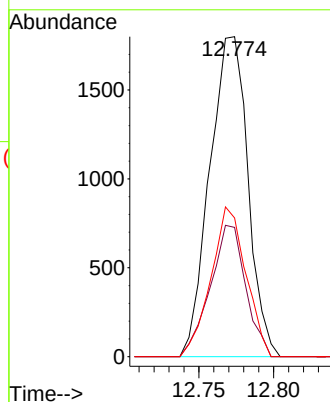
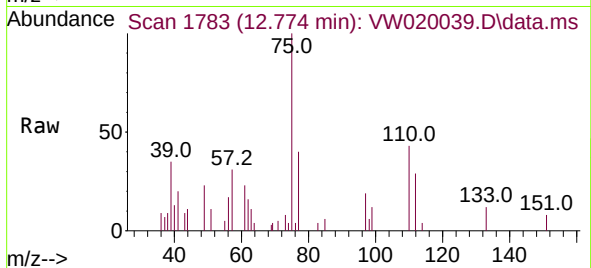
#61
1,2,3-Trichloropropane
Concen: 1.005 ug/L
RT: 12.774 min Scan# 1783
Delta R.T. 0.006 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion: 75 Resp: 3201
Ion Ratio Lower Upper
75 100
77 38.1 25.3 37.9#
110 42.8 32.6 48.8

Instrument :
MSVOA_W
ClientSampled :
MDL7

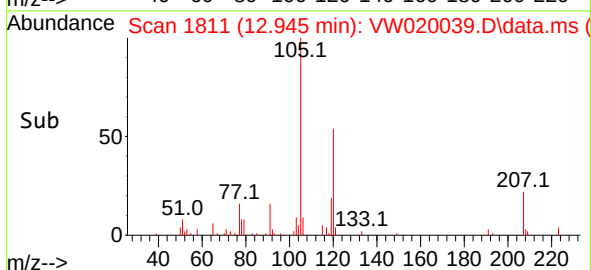
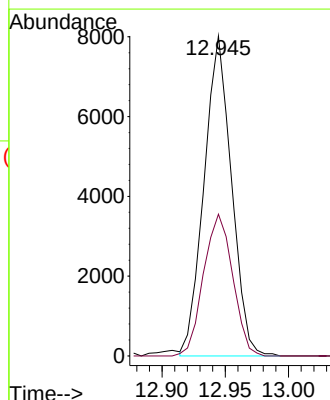
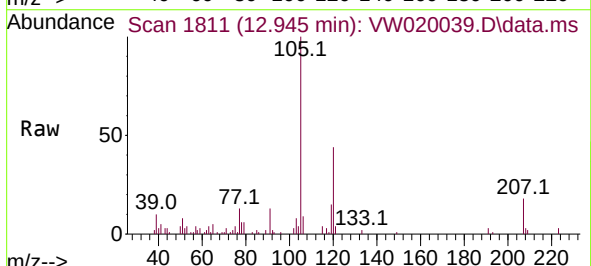
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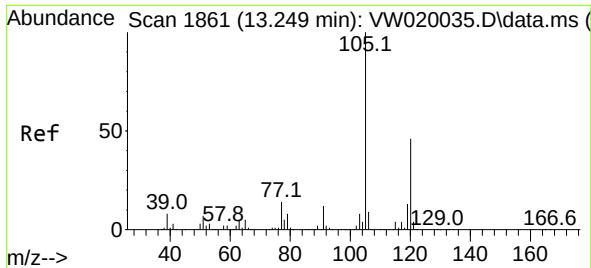
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#62
1,3,5-Trimethylbenzene
Concen: 0.823 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion: 105 Resp: 12096
Ion Ratio Lower Upper
105 100
120 47.0 39.0 58.6





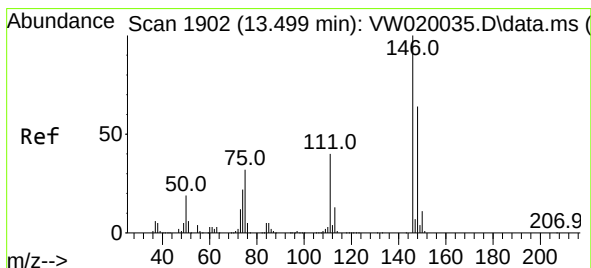
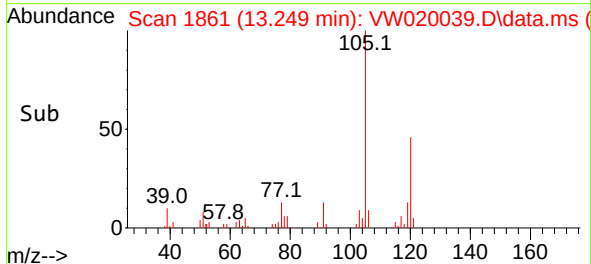
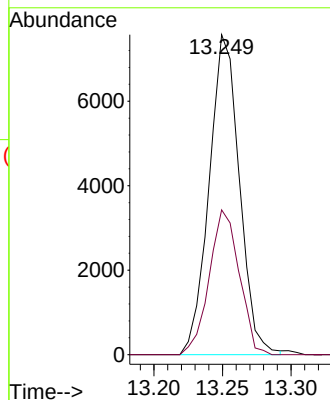
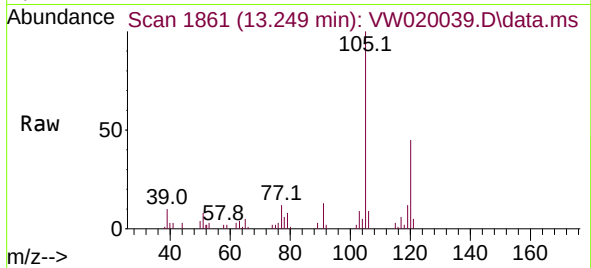
#63
1,2,4-Trimethylbenzene
Concen: 0.806 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion:105 Resp: 11621
Ion Ratio Lower Upper
105 100
120 45.0 35.6 53.4

Instrument :
MSVOA_W
ClientSampleId :
MDL7

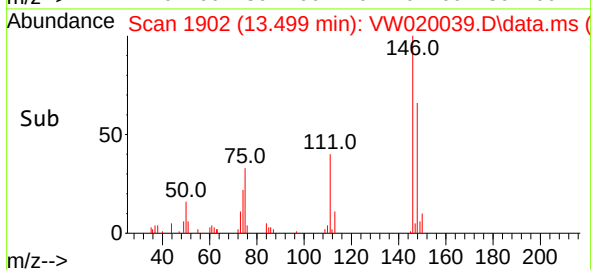
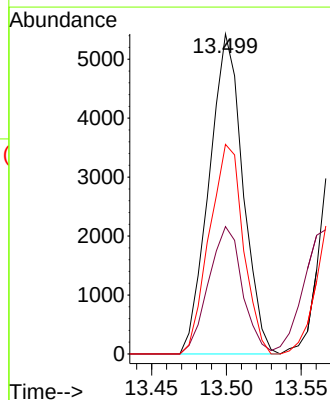
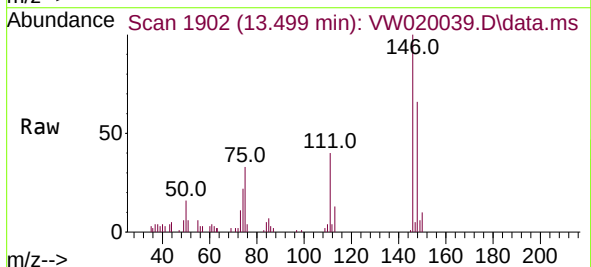
Manual Integrations
APPROVED

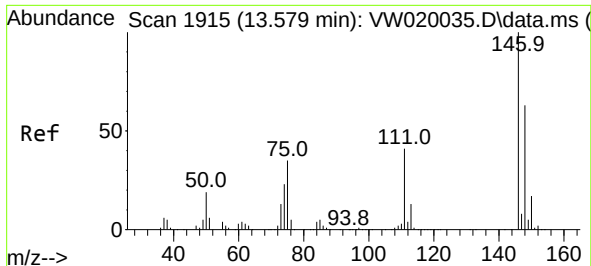
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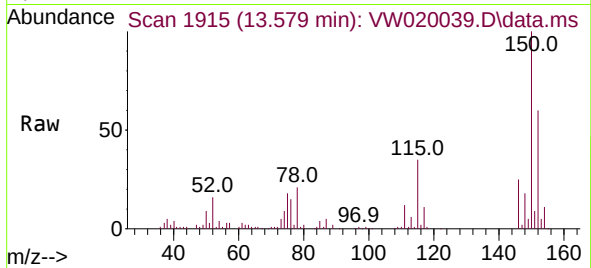
#64
1,3-Dichlorobenzene
Concen: 1.026 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

Tgt Ion:146 Resp: 8518
Ion Ratio Lower Upper
146 100
111 39.8 26.7 49.7
148 65.5 41.1 76.3

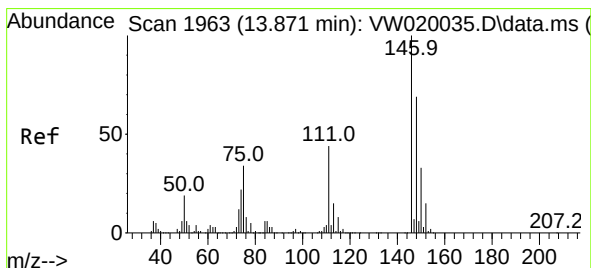
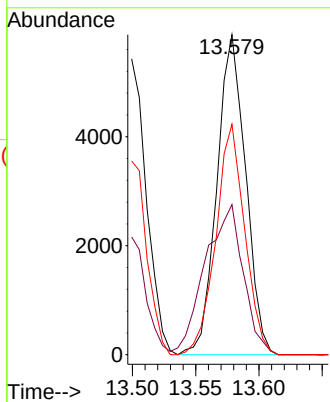
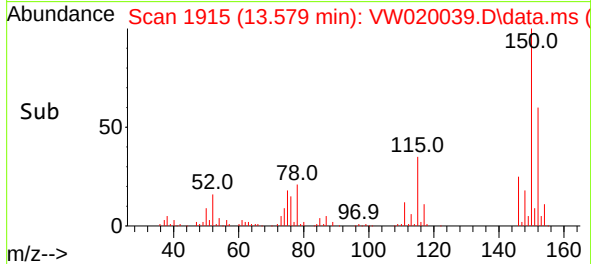




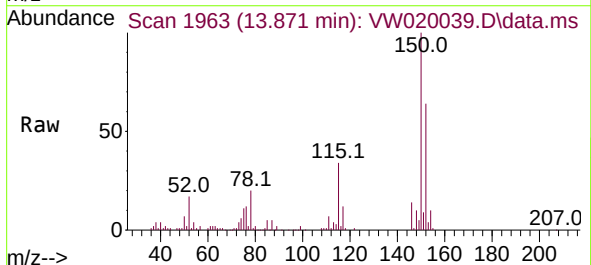
#65
1,4-Dichlorobenzene
Concen: 1.096 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03



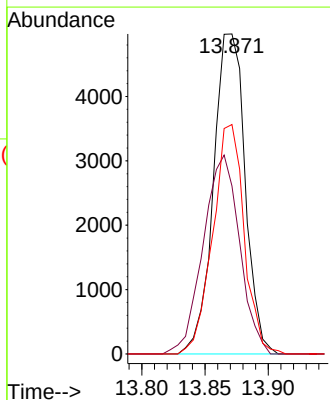
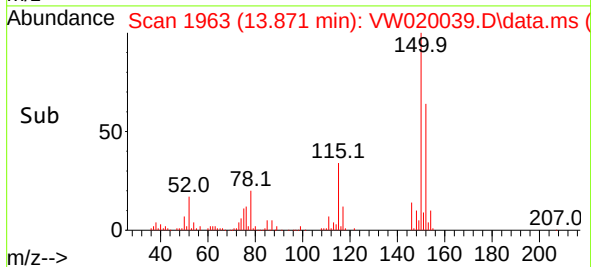
Tgt Ion:146 Resp: 9274
Ion Ratio Lower Upper
146 100
111 46.9 28.8 53.4
148 72.0 46.8 87.0



#67
1,2-Dichlorobenzene
Concen: 1.143 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03



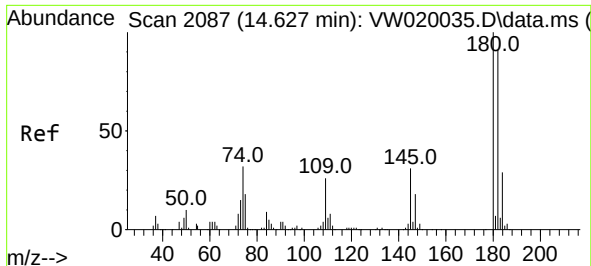
Tgt Ion:146 Resp: 8648
Ion Ratio Lower Upper
146 100
111 52.5 33.2 49.8#
148 71.7 50.4 75.6



Instrument :
MSVOA_W
ClientSampled :
MDL7

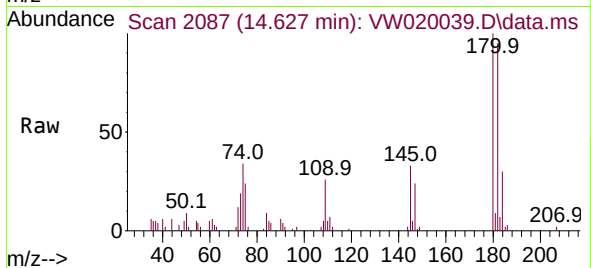
Manual Integrations
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#69
1,3,5-Trichlorobenzene
Concen: 1.085 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

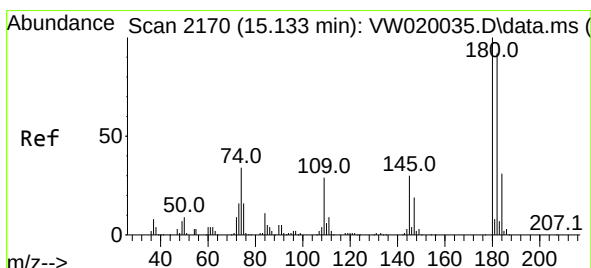
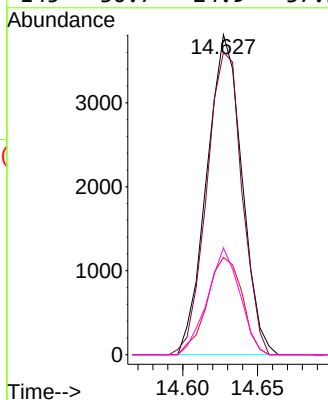
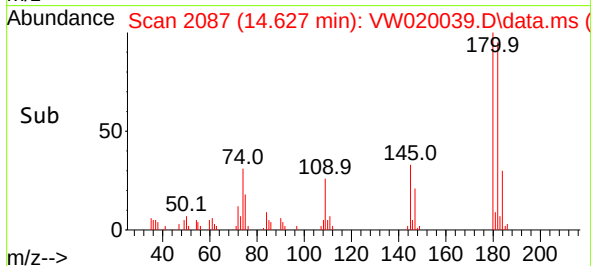
Instrument :
MSVOA_W
ClientSampled :
MDL7



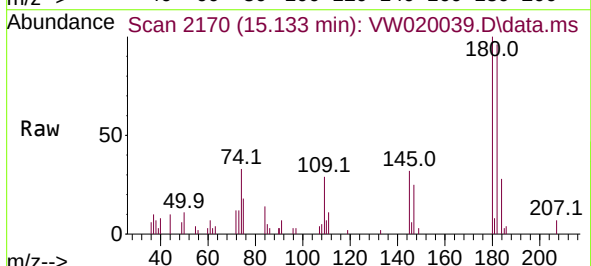
Tgt Ion:	180	Resp:	6230
Ion Ratio	Lower	Upper	
180	100		
182	95.0	73.4	110.2
184	30.4	23.6	35.4
145	30.7	24.9	37.3

Manual Integrations
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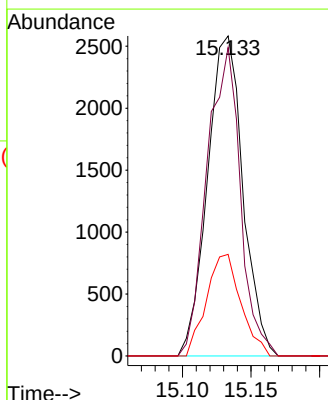
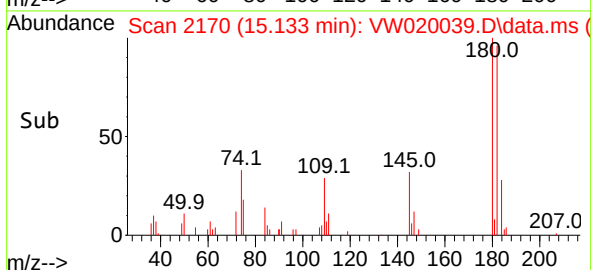
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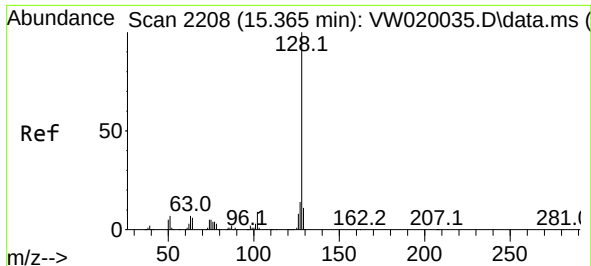


#70
1,2,4-trichlorobenzene
Concen: 1.034 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03



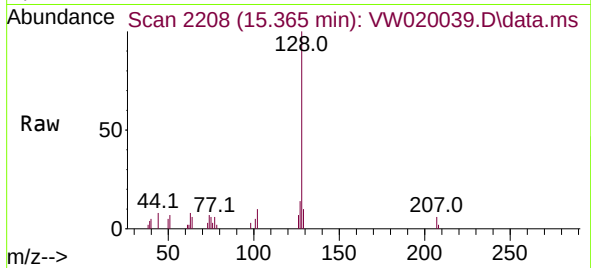
Tgt Ion:	180	Resp:	4652
Ion Ratio	Lower	Upper	
180	100		
182	90.4	74.7	112.1
145	30.8	25.0	37.4





#71
Naphthalene
Concen: 0.733 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03

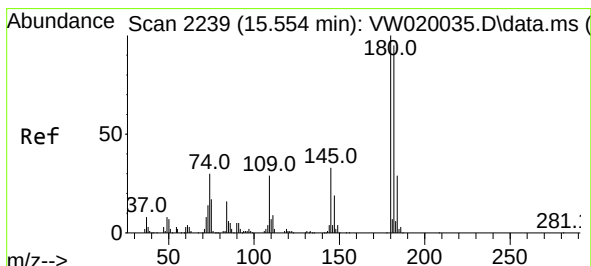
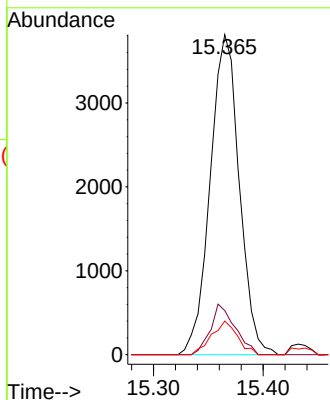
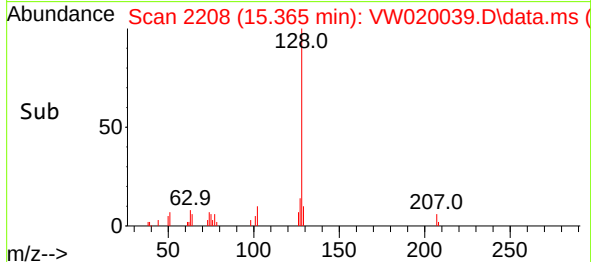
Instrument :
MSVOA_W
ClientSampled :
MDL7



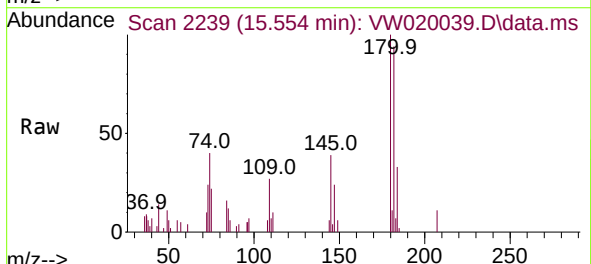
Tgt Ion:128 Resp: 7045
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 9.3 9.0 13.6

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 0.954 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020039.D
Acq: 16 Sep 2021 12:03



Tgt Ion:180 Resp: 4029
Ion Ratio Lower Upper
180 100
182 96.7 76.7 115.1
145 34.5 28.9 43.3

