

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091621\
 Data File : VW020038.D
 Acq On : 16 Sep 2021 11:39
 Operator : SY/VA
 Sample : MDL6
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL6

Manual Integrations
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 9/17/2021 4:38:45 PM

Quant Time: Sep 16 14:41:02 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	8.842	114	258054	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	252725	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	116342	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	111853	26.316	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.280%			
7) Chloroethane-d5	2.898	69	91873	25.114	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.440%			
11) 1,1-Dichloroethene-d2	4.019	63	126772	18.248	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.000%			
21) 2-Butanone-d5	7.080	46	44117	37.943	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.880%			
24) Chloroform-d	7.653	84	175169	24.636	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.560%			
26) 1,2-Dichloroethane-d4	8.311	65	106180	25.349	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.400%			
32) Benzene-d6	8.281	84	343168	24.888	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.560%			
36) 1,2-Dichloropropane-d6	9.274	67	101757	24.880	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.520%			
41) Toluene-d8	10.323	98	305575	23.642	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.560%			
43) trans-1,3-Dichloroprop...	10.579	79	44674	23.746	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.000%			
47) 2-Hexanone-d5	10.927	63	33346	39.910	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.820%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	92008	22.867	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.480%			
66) 1,2-Dichlorobenzene-d4	13.853	152	106725	26.918	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	3126m	1.168	ug/L	
3) Chloromethane	2.215	50	4840	1.343	ug/L	99
5) Vinyl chloride	2.367	62	7135	1.266	ug/L #	53
6) Bromomethane	2.788	94	4781	1.210	ug/L	99
8) Chloroethane	2.928	64	4276	1.244	ug/L	97
9) Trichlorofluoromethane	3.269	101	3046	0.926	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	5542m	1.498	ug/L	
12) 1,1-Dichloroethene	4.044	96	4771	1.362	ug/L #	1
13) Acetone	4.147	43	4099	3.712	ug/L	97
14) Carbon disulfide	4.391	76	13629	1.192	ug/L	100
15) Methyl Acetate	4.690	43	2132m	1.107	ug/L	
16) Methylene chloride	4.916	84	18005	3.960	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	3802	1.030	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	4658	1.011	ug/L #	74
19) 1,1-Dichloroethane	6.220	63	7536	1.142	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	4174	1.096	ug/L	95
22) 2-Butanone	7.183	43	4335m	3.133	ug/L	
23) Bromochloromethane	7.519	128	1998	1.133	ug/L	90
25) Chloroform	7.677	83	9140	1.318	ug/L	90

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

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

27) 1,2-Dichloroethane	8.403	62	5879	1.212	ug/L	96
29) Cyclohexane	7.958	56	4723	0.830	ug/L #	93
30) 1,1,1-Trichloroethane	7.872	97	6831	1.153	ug/L	97
31) Carbon tetrachloride	8.073	117	6058	1.096	ug/L #	61
33) Benzene	8.323	78	17129	1.126	ug/L	100
34) Trichloroethene	9.098	95	4564	1.133	ug/L	89
35) Methylcyclohexane	9.335	83	5528	0.814	ug/L	95
37) 1,2-Dichloropropane	9.372	63	4425	1.202	ug/L #	94
38) Bromodichloromethane	9.646	83	5747	1.157	ug/L	89
39) cis-1,3-Dichloropropene	10.073	75	5412	0.974	ug/L	95
40) 4-Methyl-2-pentanone	10.213	43	6044	2.301	ug/L	94
42) Toluene	10.390	91	23027	1.419	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	7623	1.448	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	3583	1.216	ug/L	96
46) Tetrachloroethene	10.866	164	3556	1.141	ug/L	86
48) 2-Hexanone	10.969	43	3420	1.816	ug/L	93
49) Dibromochloromethane	11.128	129	3740	1.105	ug/L	97
50) 1,2-Dibromoethane	11.238	107	3189	1.101	ug/L #	96
51) Chlorobenzene	11.658	112	12405	1.179	ug/L	97
52) Ethylbenzene	11.731	91	17309	0.976	ug/L	95
53) m,p-Xylene	11.835	106	5999	0.890	ug/L	96
54) o-Xylene	12.164	106	5016	0.788	ug/L	90
55) Styrene	12.183	104	8747	0.799	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	4687	1.214	ug/L #	91
59) Bromoform	12.353	173	2003	1.138	ug/L #	93
60) Isopropylbenzene	12.463	105	13146	0.852	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	3292	1.210	ug/L	93
62) 1,3,5-Trimethylbenzene	12.945	105	10623	0.846	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	10340	0.839	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	7536	1.062	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	8516	1.178	ug/L	91
67) 1,2-Dichlorobenzene	13.871	146	8241	1.274	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.627	180	5353	1.091	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	4035	1.050	ug/L	98
71) Naphthalene	15.365	128	6488	0.790	ug/L	97
72) 1,2,3-Trichlorobenzene	15.548	180	3319	0.920	ug/L	93

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

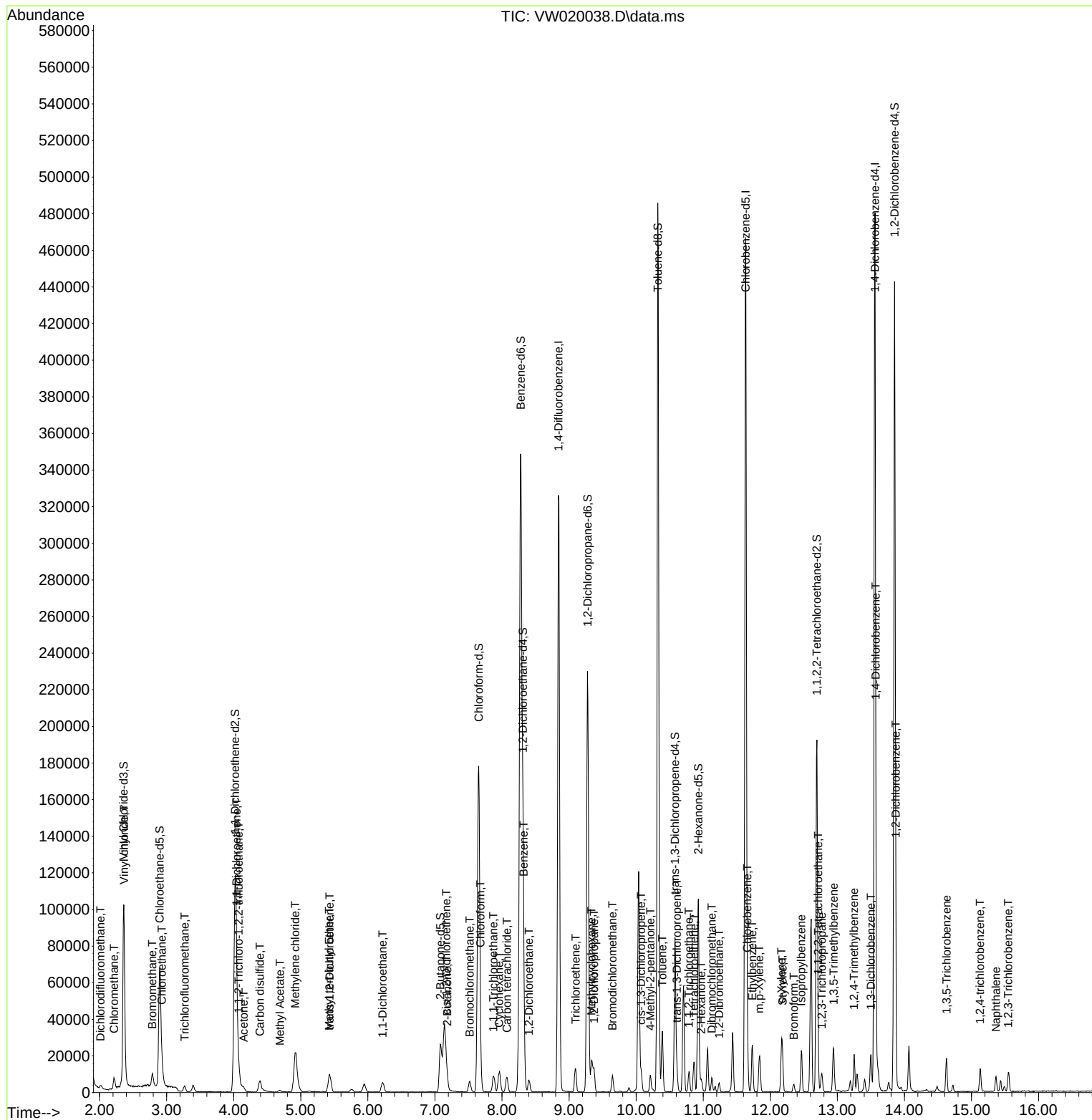
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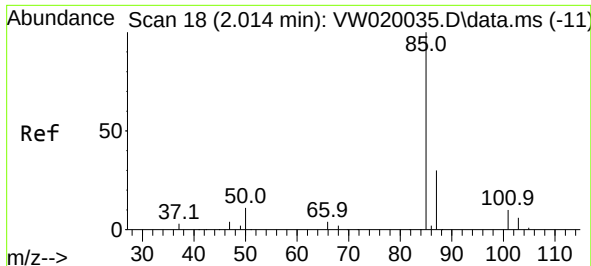
Instrument :
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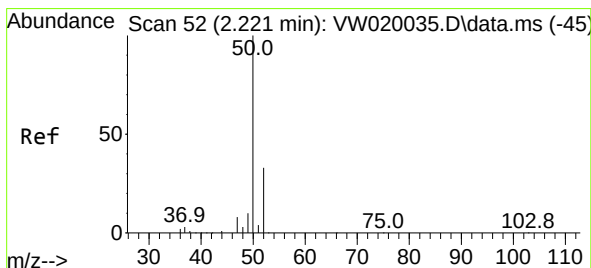
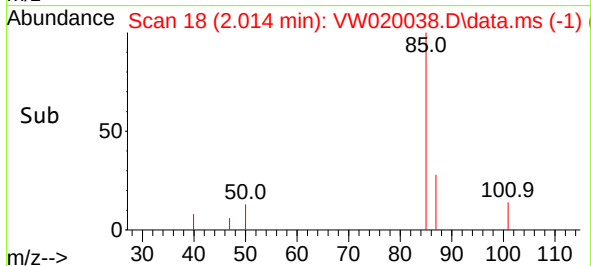
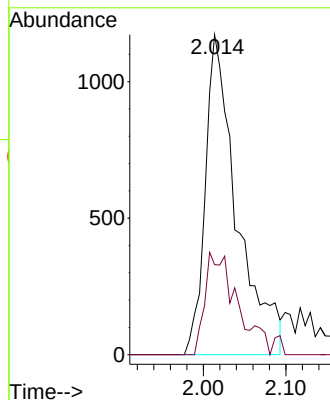
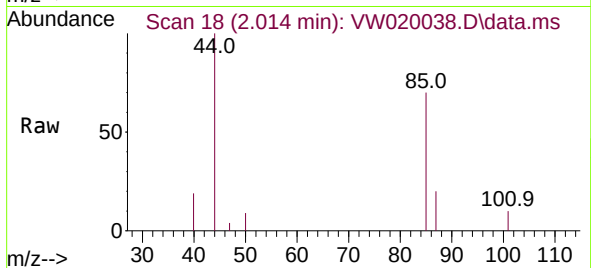
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Dichlorodifluoromethane
Concen: 1.168 ug/L m
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion: 85 Resp: 3126
Ion Ratio Lower Upper
85 100
87 15.4 23.3 34.9#

Instrument :
MSVOA_W
ClientSampled :
MDL6

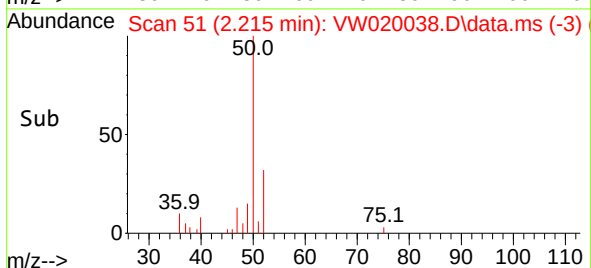
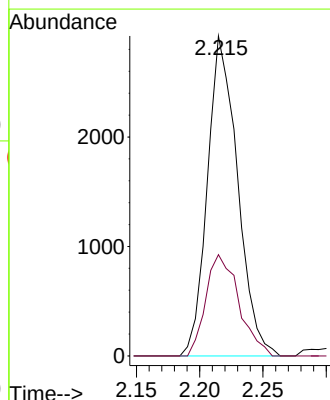
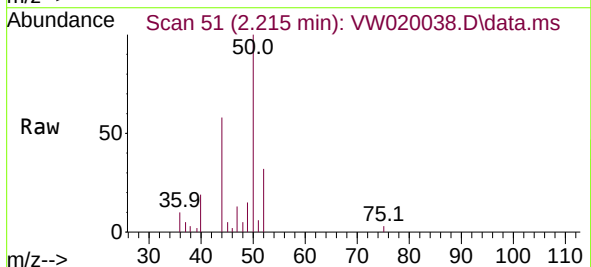
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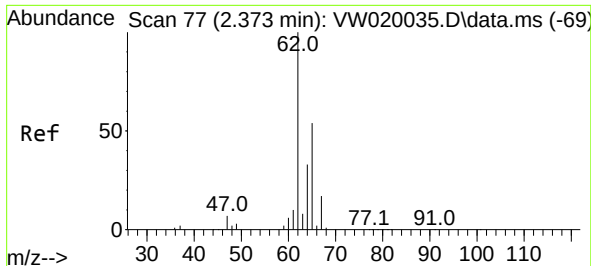
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#3
Chloromethane
Concen: 1.343 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion: 50 Resp: 4840
Ion Ratio Lower Upper
50 100
52 31.6 22.5 41.9





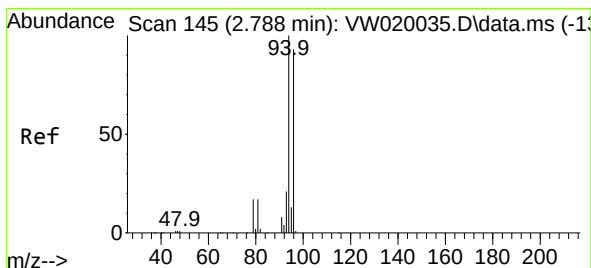
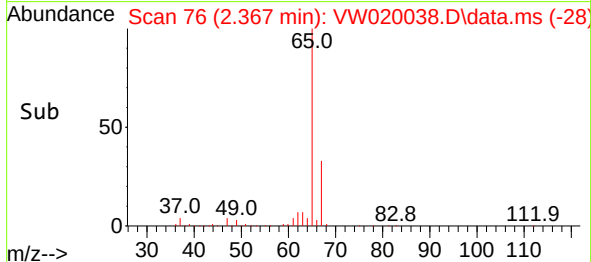
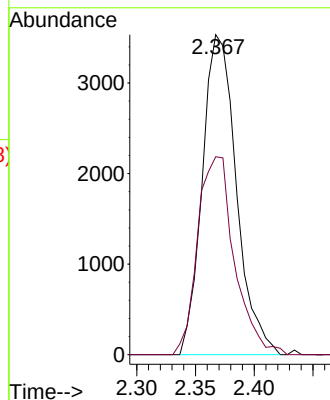
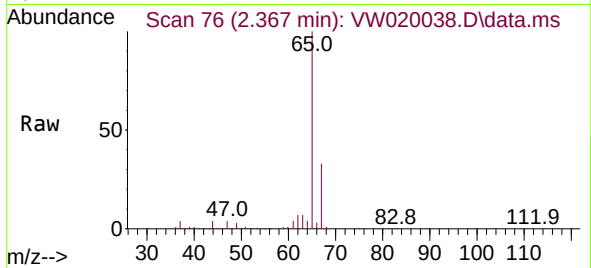
#5
 Vinyl chloride
 Concen: 1.266 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW020038.D
 Acq: 16 Sep 2021 11:39

Tgt Ion: 62 Resp: 7135
 Ion Ratio Lower Upper
 62 100
 64 61.8 24.2 45.0#

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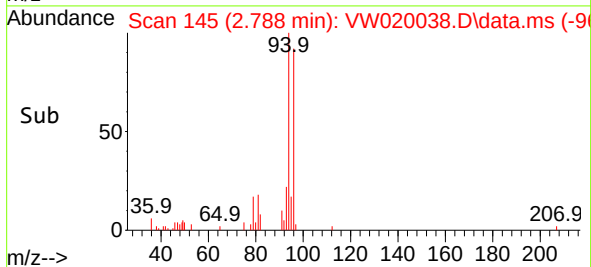
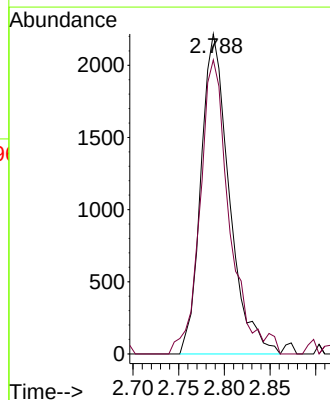
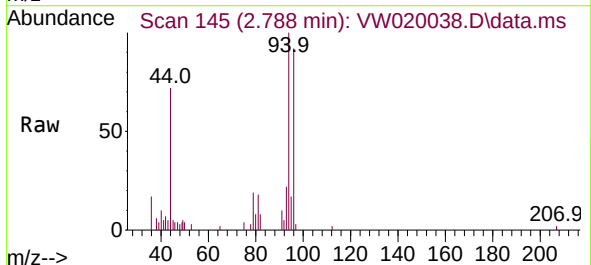
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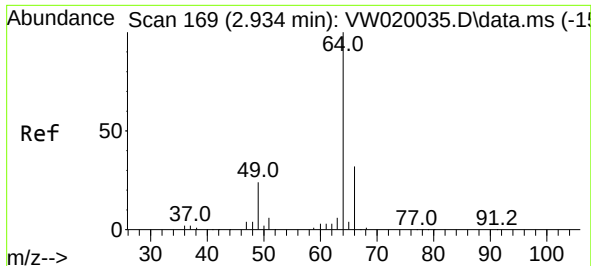
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#6
 Bromomethane
 Concen: 1.210 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VW020038.D
 Acq: 16 Sep 2021 11:39

Tgt Ion: 94 Resp: 4781
 Ion Ratio Lower Upper
 94 100
 96 91.9 65.3 121.3





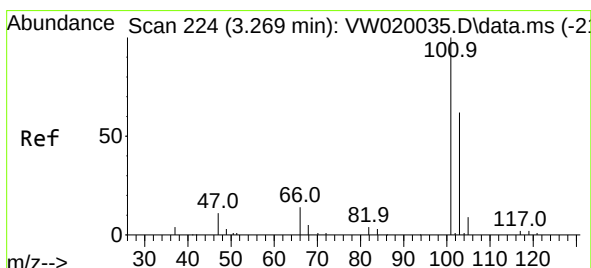
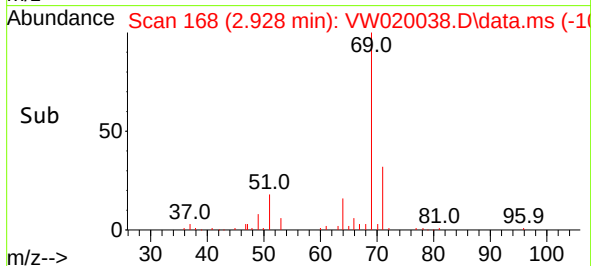
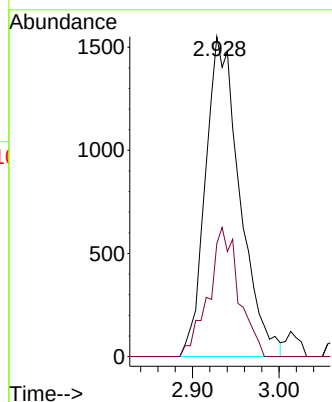
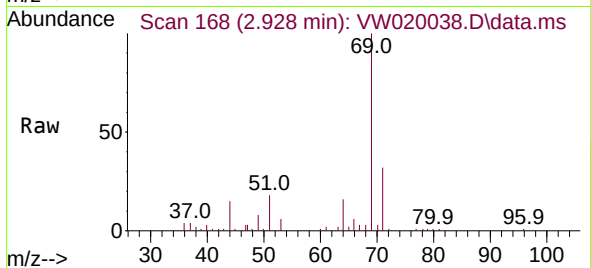
#8
Chloroethane
Concen: 1.244 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion: 64 Resp: 4276
Ion Ratio Lower Upper
64 100
66 35.4 23.4 43.6

Instrument :
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ClientSampled :
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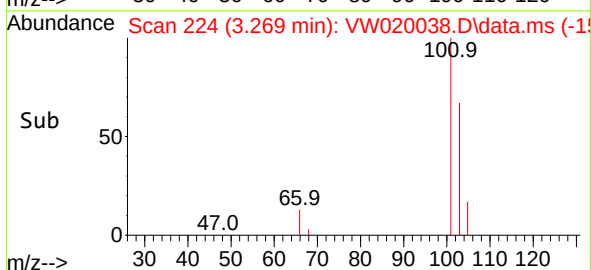
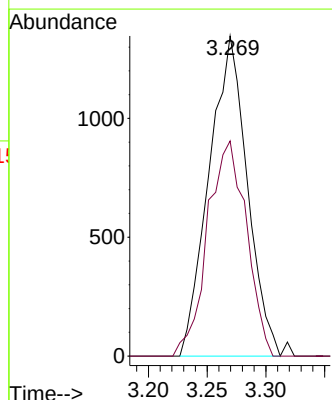
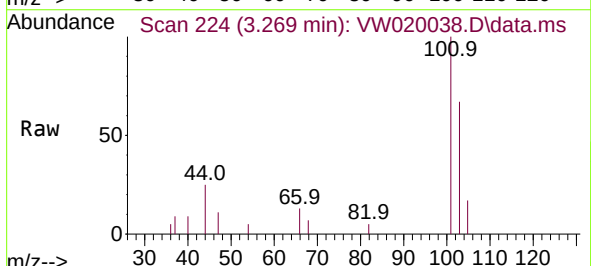
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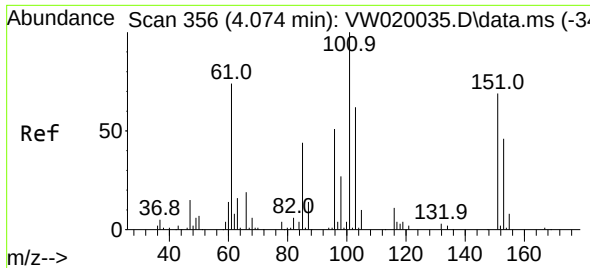
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#9
Trichlorofluoromethane
Concen: 0.926 ug/L
RT: 3.269 min Scan# 224
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion: 101 Resp: 3046
Ion Ratio Lower Upper
101 100
103 68.5 51.0 76.4





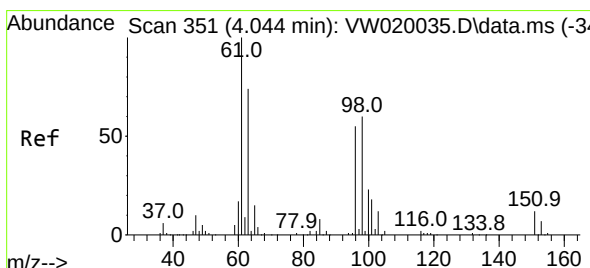
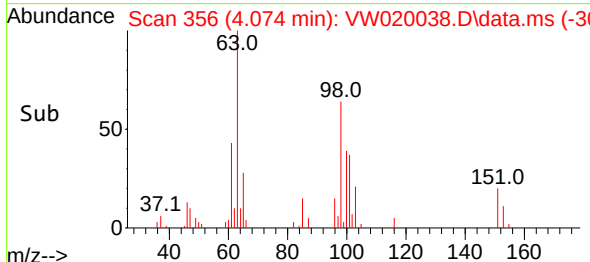
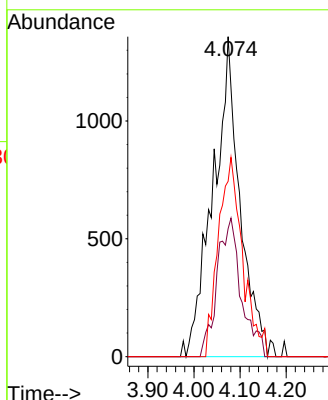
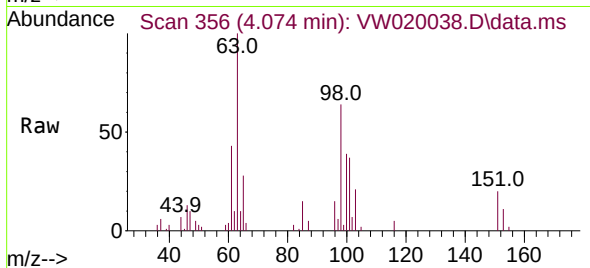
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.498 ug/L m
 RT: 4.074 min Scan# 356
 Delta R.T. -0.000 min
 Lab File: VW020038.D
 Acq: 16 Sep 2021 11:39

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Tgt Ion:101 Resp: 5542
 Ion Ratio Lower Upper
 101 100
 85 19.1 38.2 57.2#
 151 48.2 56.6 85.0#

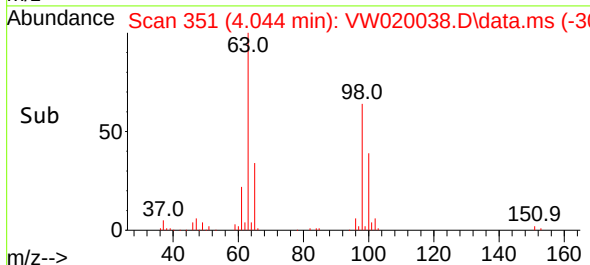
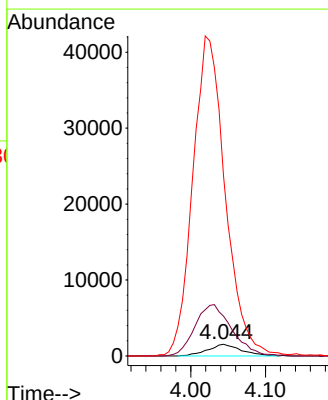
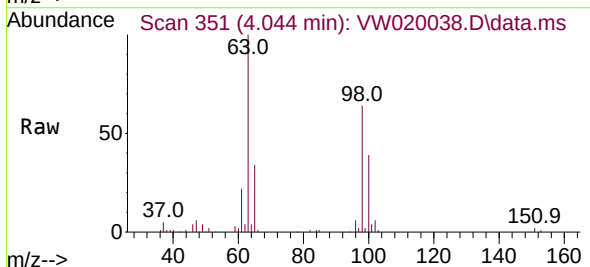
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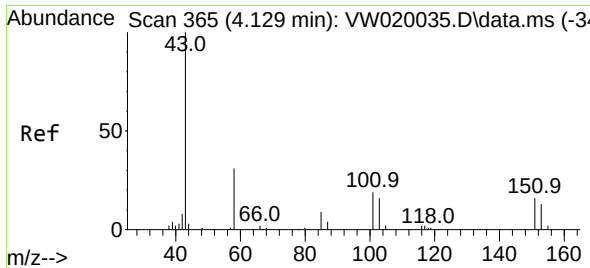
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#12
 1,1-Dichloroethene
 Concen: 1.362 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW020038.D
 Acq: 16 Sep 2021 11:39

Tgt Ion: 96 Resp: 4771
 Ion Ratio Lower Upper
 96 100
 61 342.8 118.1 219.3#
 63 1551.0 83.7 155.5#





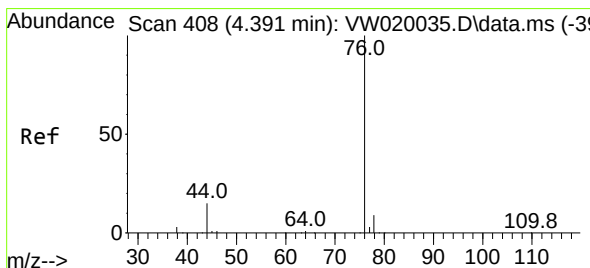
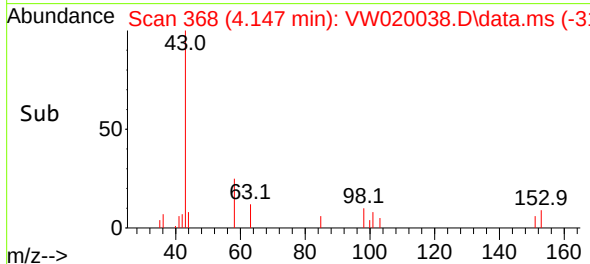
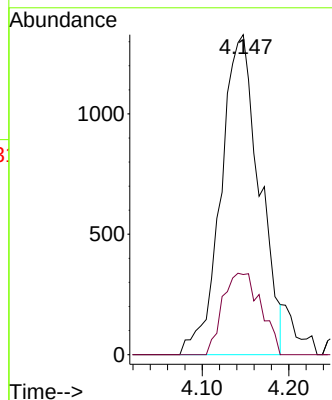
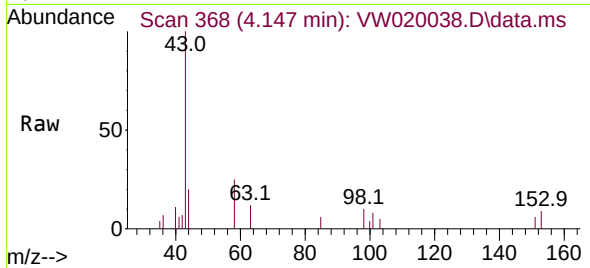
#13
Acetone
Concen: 3.712 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.024 min
Lab File: VW020038.D
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Tgt Ion: 43 Resp: 4099
Ion Ratio Lower Upper
43 100
58 25.2 0.0 53.8

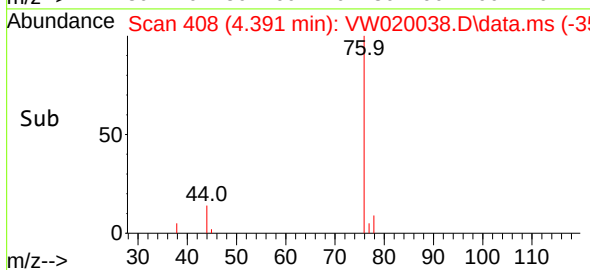
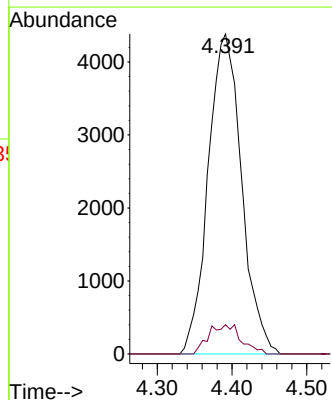
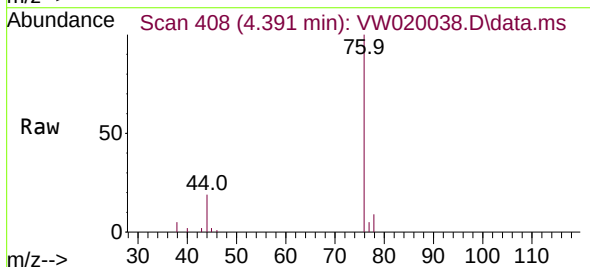
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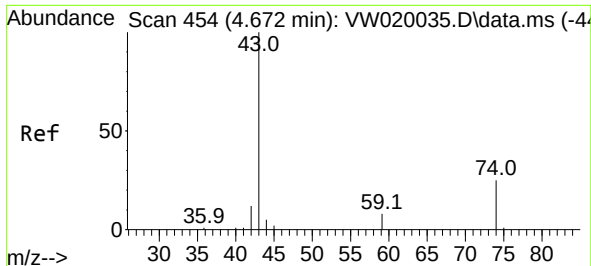
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#14
Carbon disulfide
Concen: 1.192 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

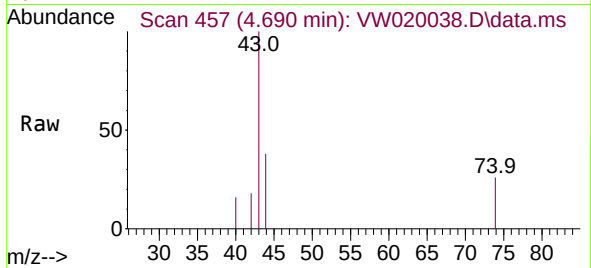
Tgt Ion: 76 Resp: 13629
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#15
Methyl Acetate
Concen: 1.107 ug/L m
RT: 4.690 min Scan# 457
Delta R.T. 0.018 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

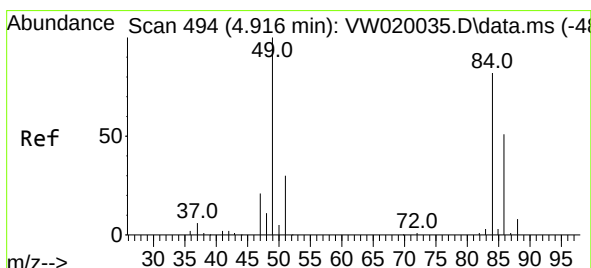
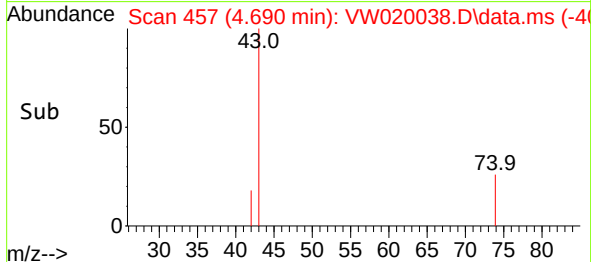
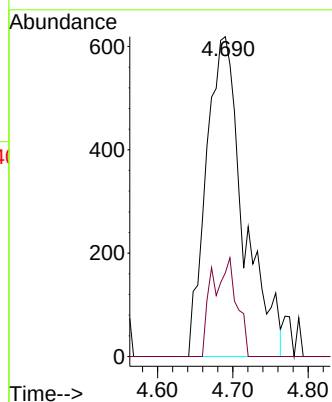
Instrument :
MSVOA_W
ClientSampleId :
MDL6



Tgt Ion: 43 Resp: 2132
Ion Ratio Lower Upper
43 100
74 13.3 20.0 30.0#

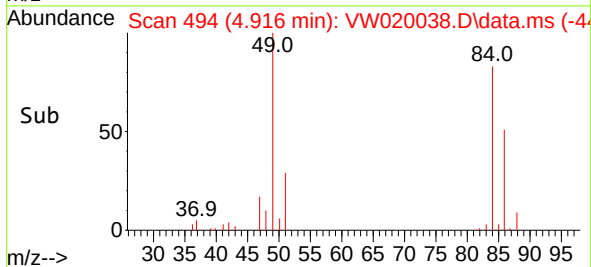
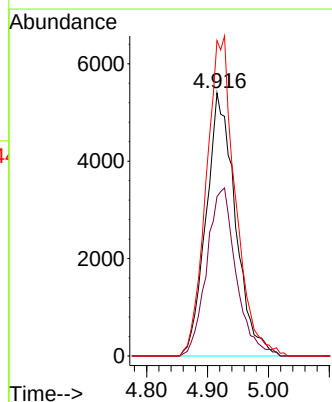
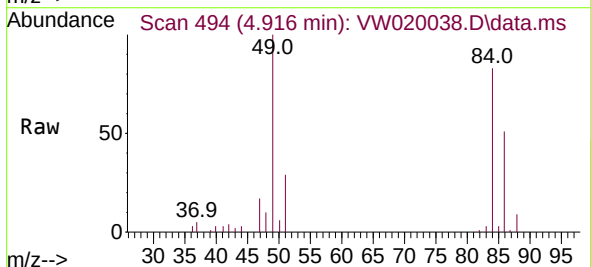
Manual Integrations
APPROVED

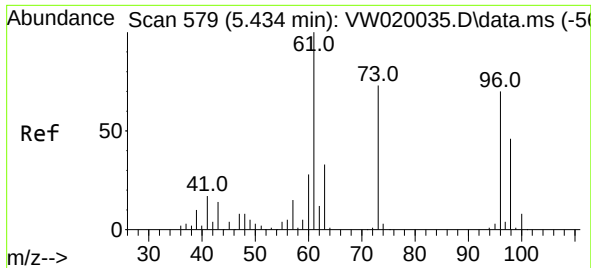
MMDadoda
9/17/2021 4:38:45 PM



#16
Methylene chloride
Concen: 3.960 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion: 84 Resp: 18005
Ion Ratio Lower Upper
84 100
86 60.6 45.3 84.1
49 120.0 86.6 160.8





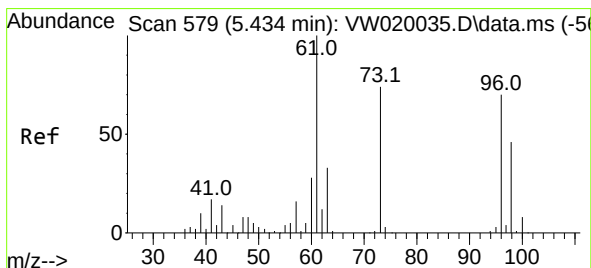
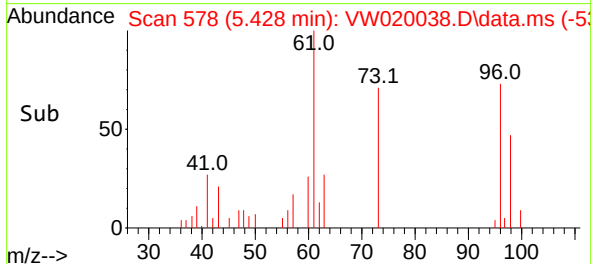
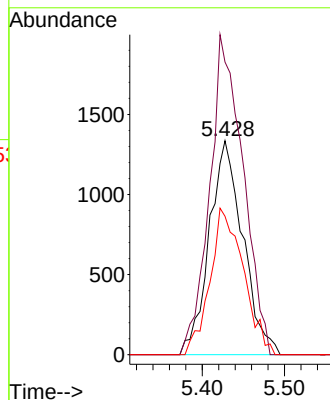
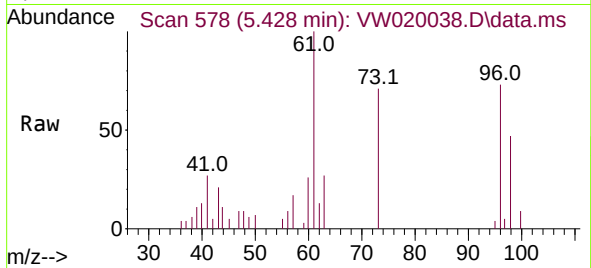
#17
trans-1,2-Dichloroethene
Concen: 1.030 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion: 96	Resp: 3802
Ion Ratio	Lower Upper
96	100
61	136.8 98.3 182.7
98	64.7 46.1 85.7

Instrument :
MSVOA_W
ClientSampled :
MDL6

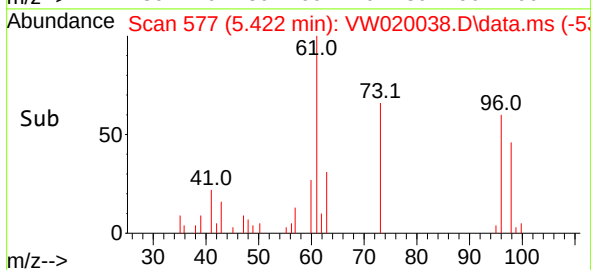
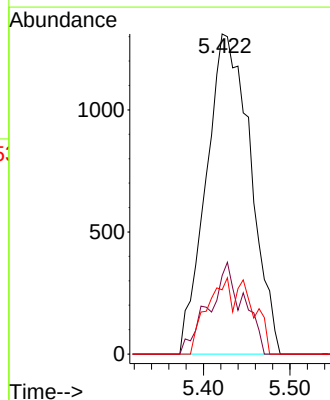
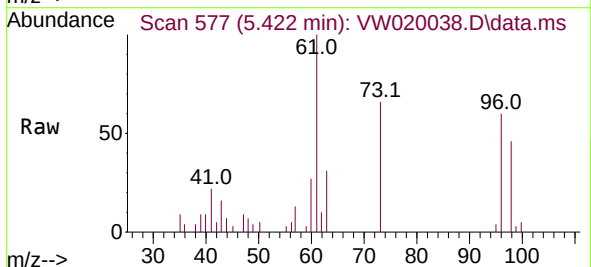
Manual Integrations
APPROVED

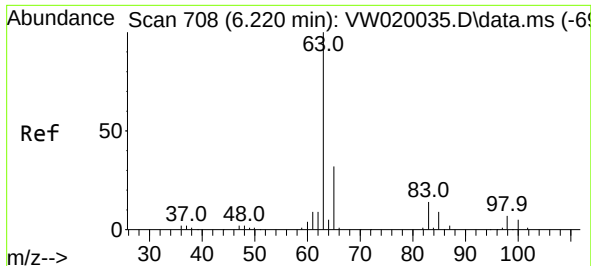
MMDadoda
9/17/2021 4:38:45 PM



#18
Methyl tert-butyl Ether
Concen: 1.011 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion: 73	Resp: 4658
Ion Ratio	Lower Upper
73	100
43	5.4 17.7 26.5#
57	13.3 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 1.142 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW020038.D

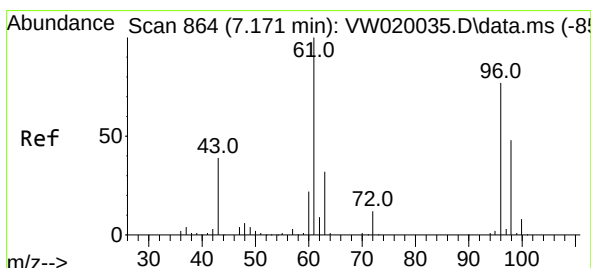
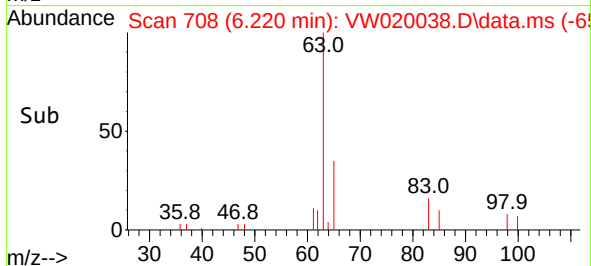
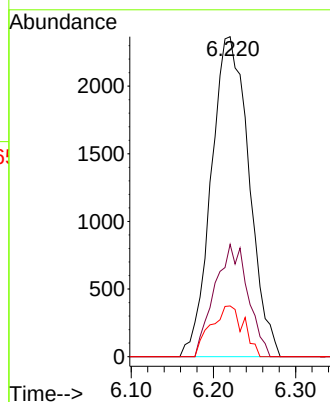
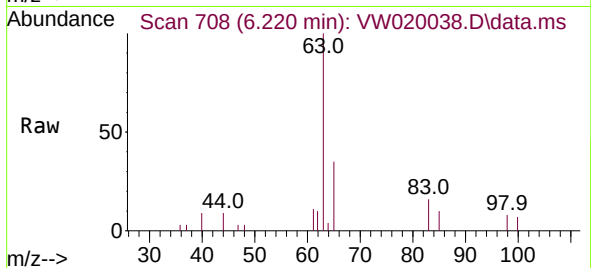
Acq: 16 Sep 2021 11:39

Tgt Ion:	63	Resp:	7536
Ion	Ratio	Lower	Upper
63	100		
65	35.1	22.9	42.5
83	15.8	10.2	19.0

Instrument :
MSVOA_W
ClientSampled :
MDL6

Manual Integrations
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#20

cis-1,2-Dichloroethene

Concen: 1.096 ug/L

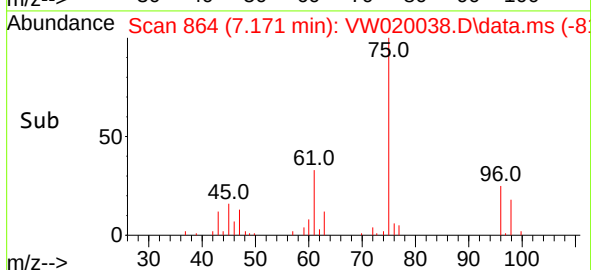
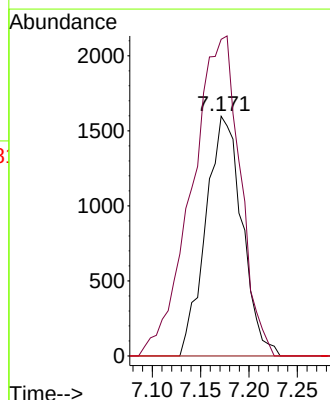
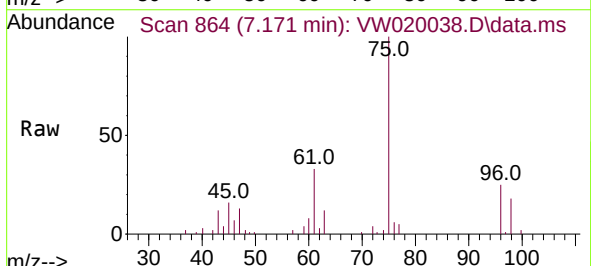
RT: 7.171 min Scan# 864

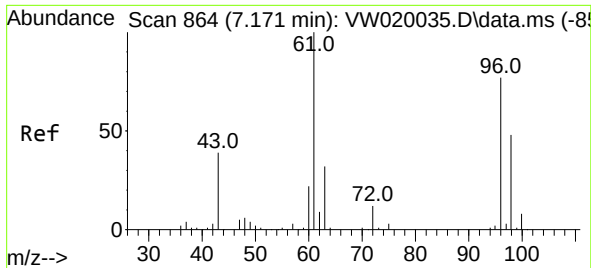
Delta R.T. -0.000 min

Lab File: VW020038.D

Acq: 16 Sep 2021 11:39

Tgt Ion:	96	Resp:	4174
Ion	Ratio	Lower	Upper
96	100		
61	132.1	88.5	164.3
68	0.0	0.0	0.0





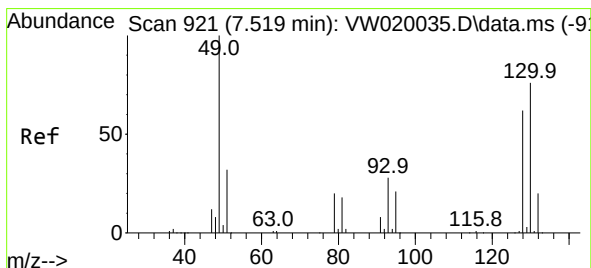
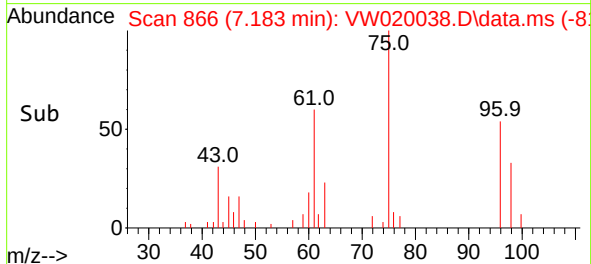
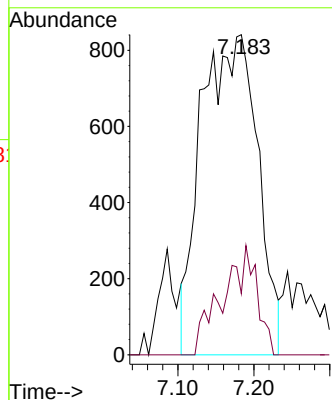
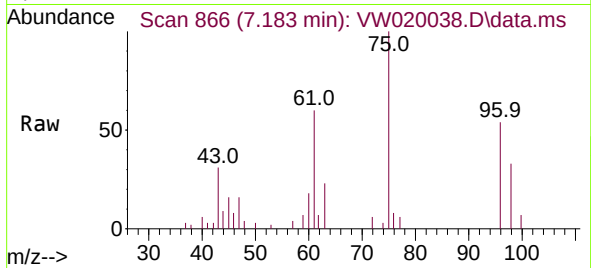
#22
2-Butanone
Concen: 3.133 ug/L m
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion: 43 Resp: 4335
Ion Ratio Lower Upper
43 100
72 2.4 14.9 44.7#

Instrument :
MSVOA_W
ClientSampled :
MDL6

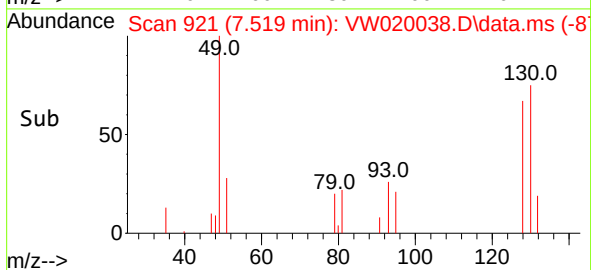
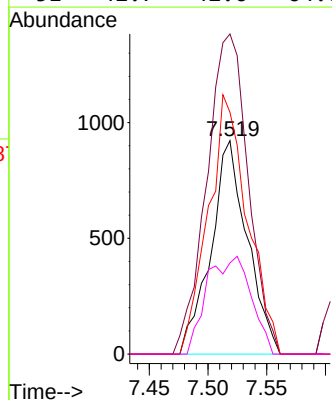
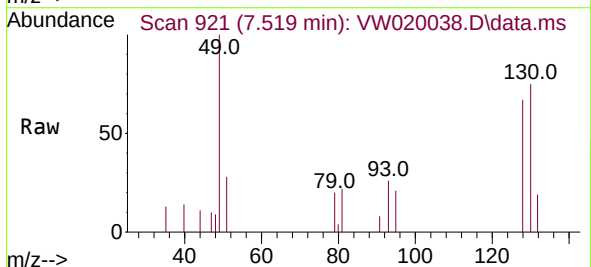
Manual Integrations
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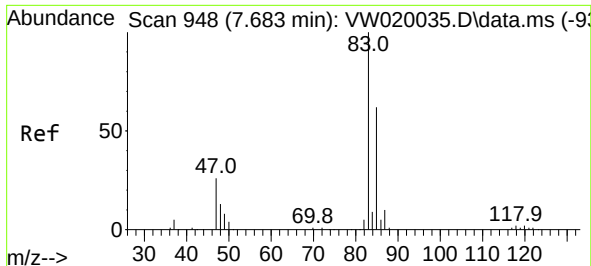
MMDadoda
9/17/2021 4:38:45 PM



#23
Bromochloromethane
Concen: 1.133 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion: 128 Resp: 1998
Ion Ratio Lower Upper
128 100
49 150.0 116.3 215.9
130 113.2 82.4 153.0
51 42.7 42.6 64.0





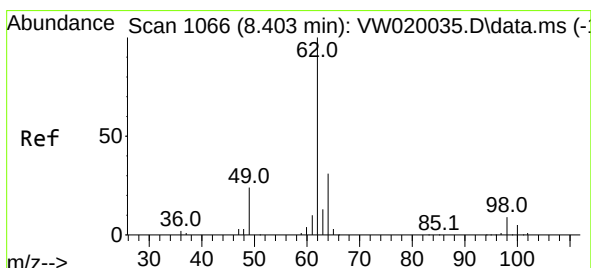
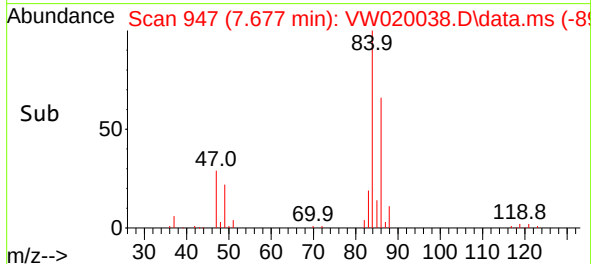
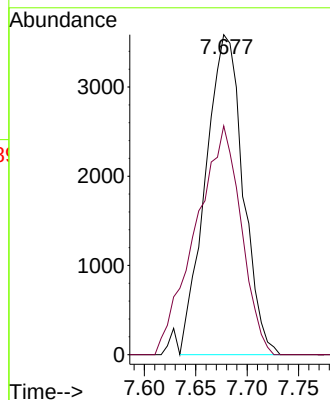
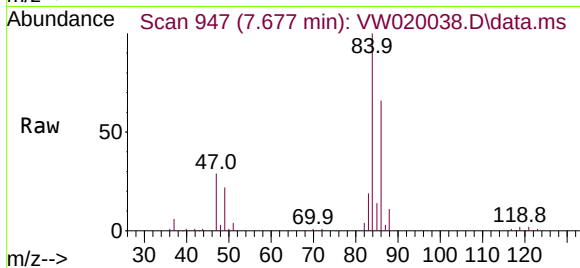
#25
Chloroform
Concen: 1.318 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Instrument :
MSVOA_W
ClientSampled :
MDL6

Tgt Ion: 83 Resp: 9140
Ion Ratio Lower Upper
83 100
85 71.5 44.6 82.8

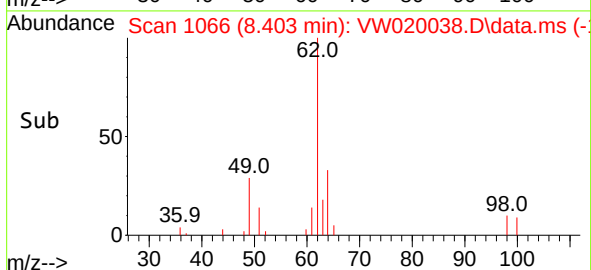
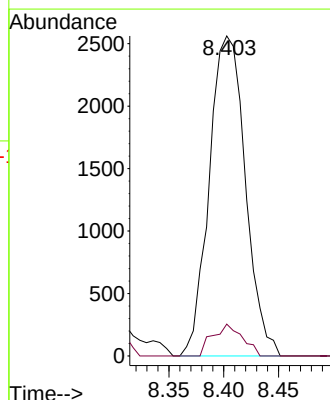
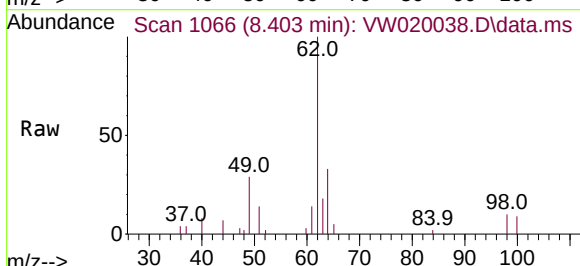
Manual Integrations
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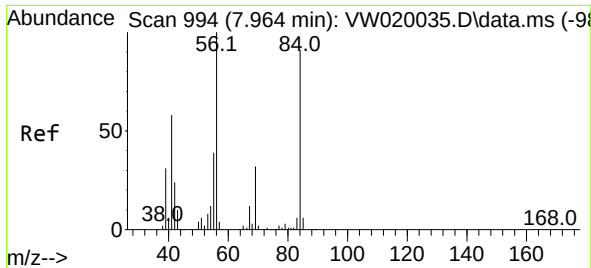
MMDadoda
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#27
1,2-Dichloroethane
Concen: 1.212 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

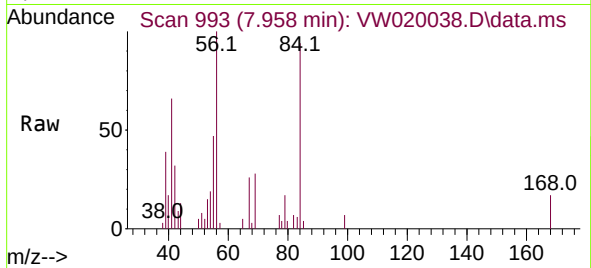
Tgt Ion: 62 Resp: 5879
Ion Ratio Lower Upper
62 100
98 10.0 6.9 10.3





#29
Cyclohexane
Concen: 0.830 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

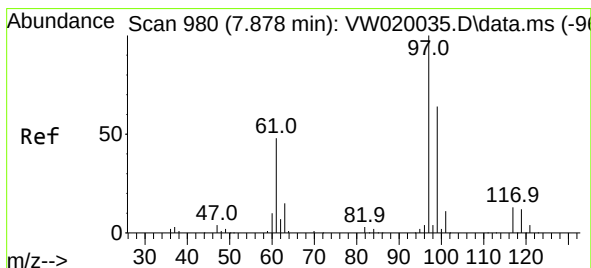
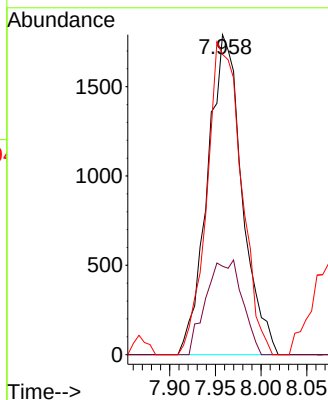
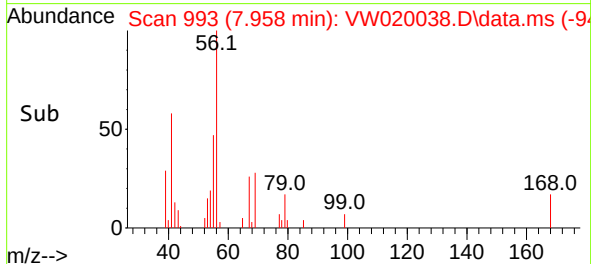
Instrument :
MSVOA_W
ClientSampled :
MDL6



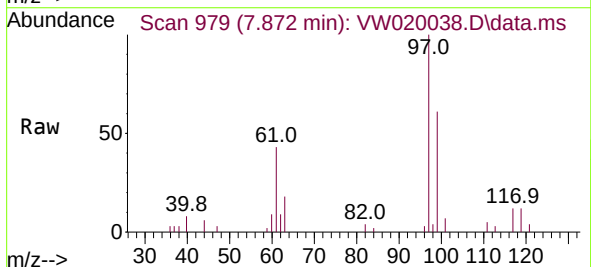
Tgt Ion: 56 Resp: 4723
Ion Ratio Lower Upper
56 100
69 19.9 24.5 36.7#
84 96.9 75.0 112.4

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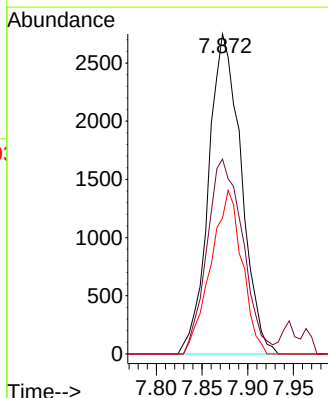
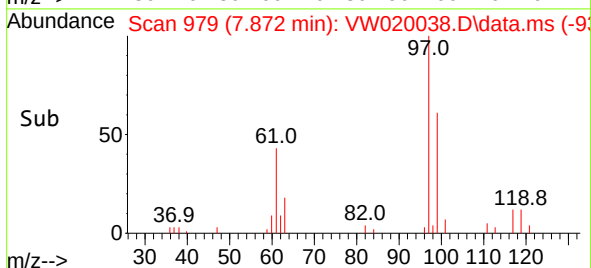
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9/17/2021 4:38:45 PM

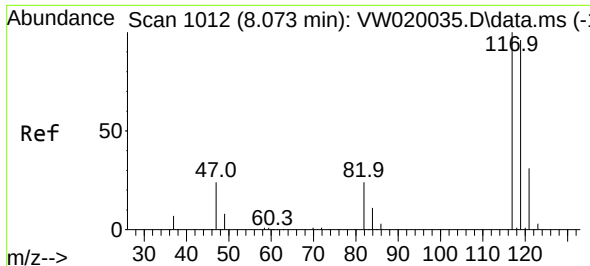


#30
1,1,1-Trichloroethane
Concen: 1.153 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39



Tgt Ion: 97 Resp: 6831
Ion Ratio Lower Upper
97 100
99 66.7 51.4 77.2
61 49.1 37.8 56.6





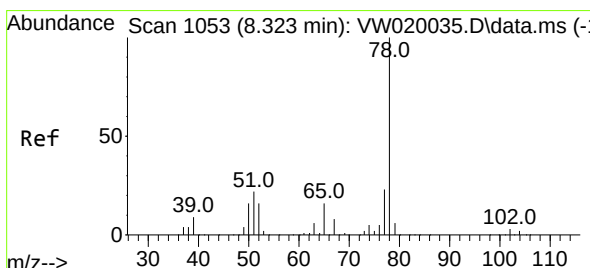
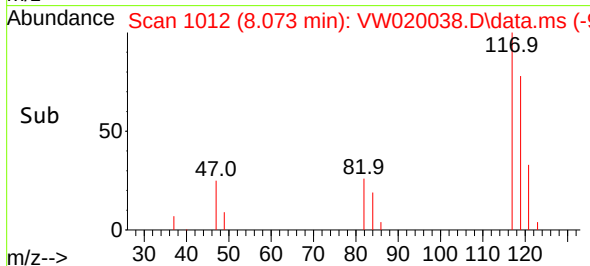
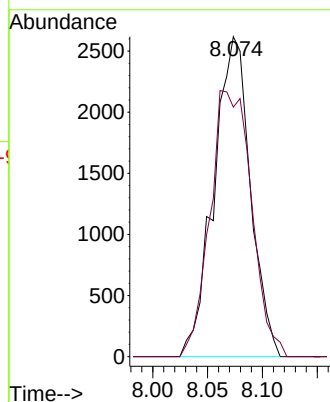
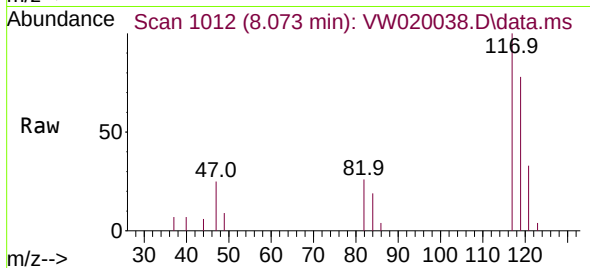
#31
Carbon tetrachloride
Concen: 1.096 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Instrument :
MSVOA_W
ClientSampleId :
MDL6

Tgt Ion:117 Resp: 6058
Ion Ratio Lower Upper
117 100
119 57.4 76.5 114.7#

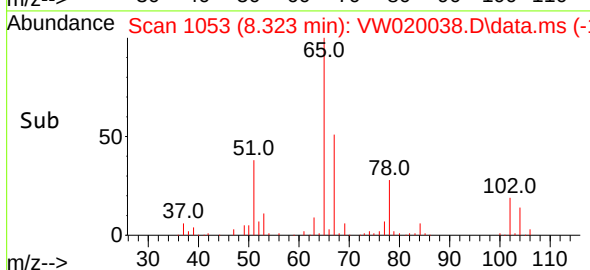
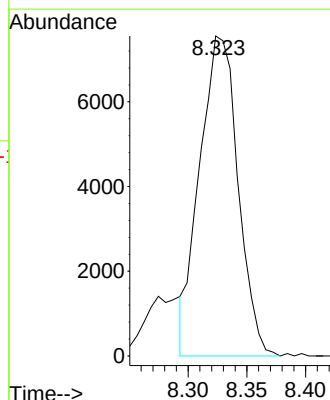
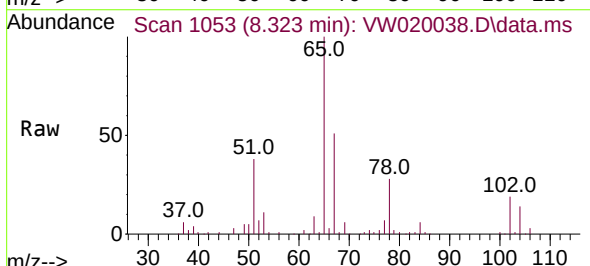
Manual Integrations
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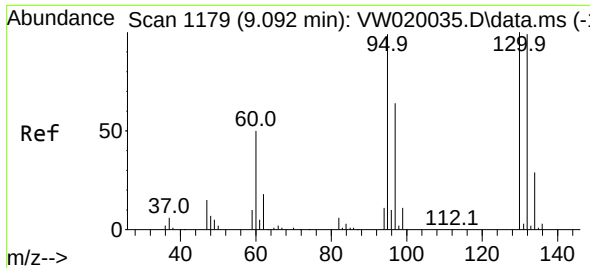
MMDadoda
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#33
Benzene
Concen: 1.126 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion: 78 Resp: 17129





#34

Trichloroethene

Concen: 1.133 ug/L

RT: 9.098 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VW020038.D

Acq: 16 Sep 2021 11:39

Tgt Ion: 95 Resp: 4564

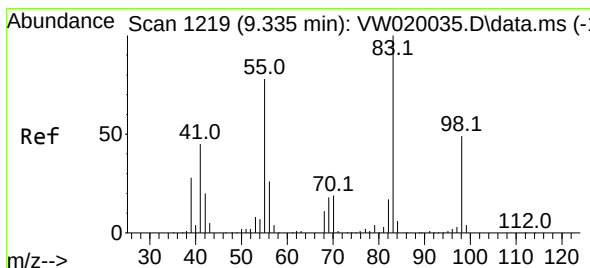
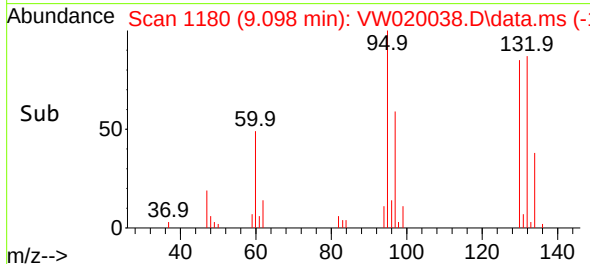
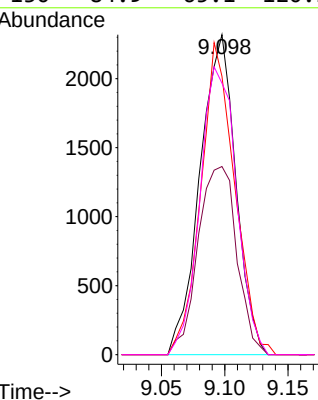
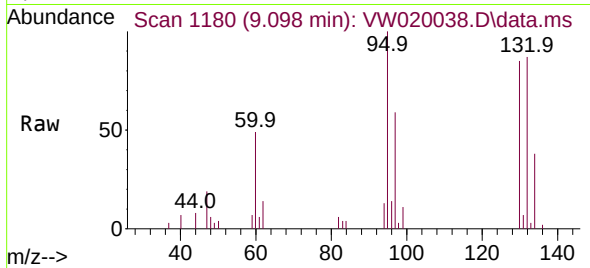
Ion Ratio Lower Upper

95 100

97 58.8 47.3 87.8

132 87.0 71.0 131.8

130 84.9 65.1 120.9



#35

Methylcyclohexane

Concen: 0.814 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020038.D

Acq: 16 Sep 2021 11:39

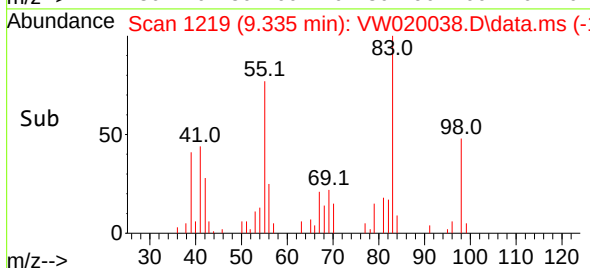
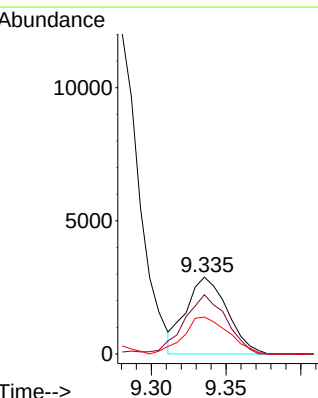
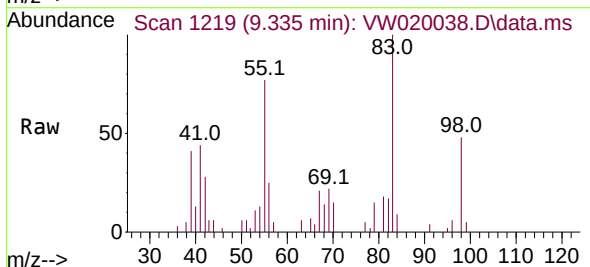
Tgt Ion: 83 Resp: 5528

Ion Ratio Lower Upper

83 100

55 79.1 58.9 88.3

98 52.0 40.1 60.1



Instrument :

MSVOA_W

ClientSampled :

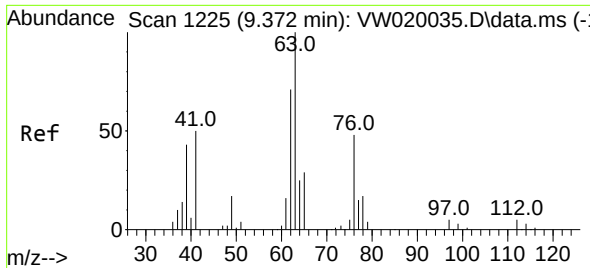
MDL6

Manual Integrations

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MMDadoda

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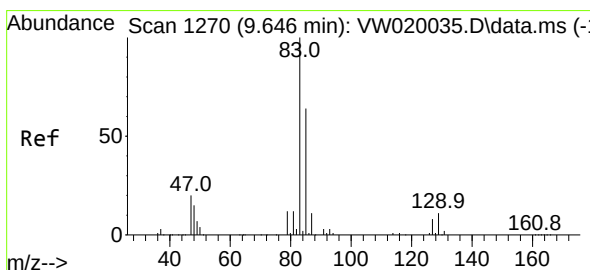
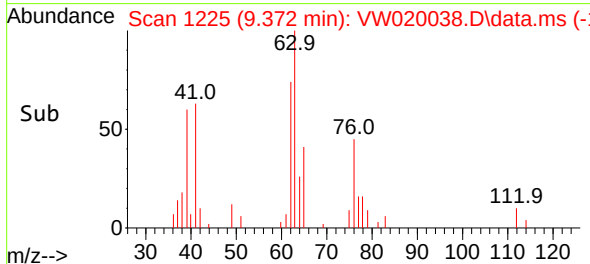
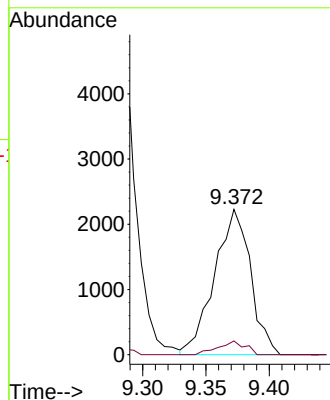
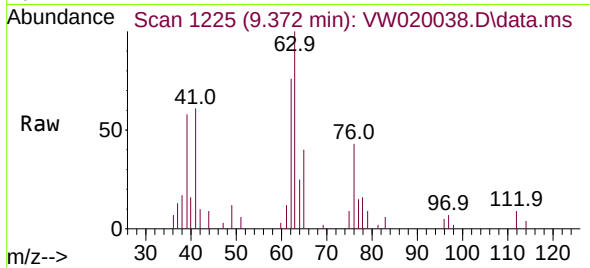
#37
1,2-Dichloropropane
Concen: 1.202 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion: 63 Resp: 4425
Ion Ratio Lower Upper
63 100
112 7.1 3.9 5.9#

Instrument :
MSVOA_W
ClientSampled :
MDL6

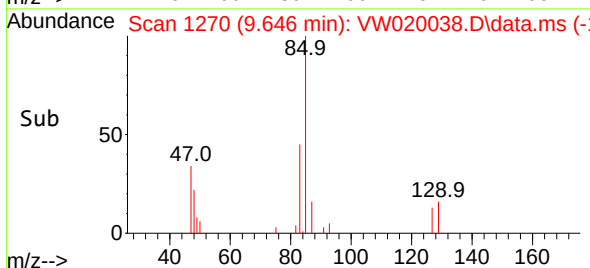
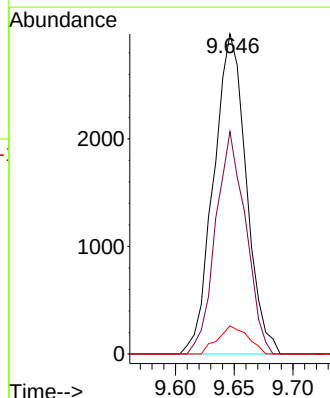
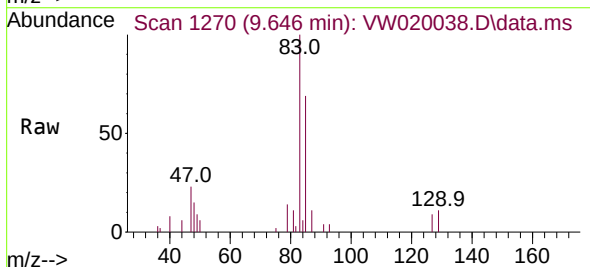
Manual Integrations
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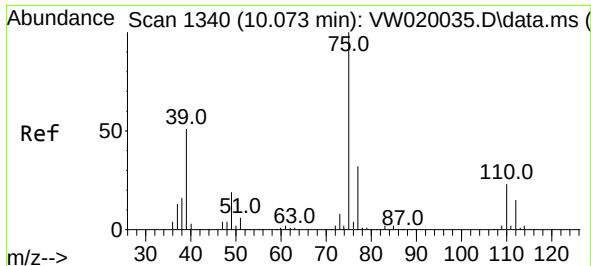
MMDadoda
9/17/2021 4:38:45 PM



#38
Bromodichloromethane
Concen: 1.157 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion: 83 Resp: 5747
Ion Ratio Lower Upper
83 100
85 69.5 42.3 78.5
127 8.8 6.6 9.8





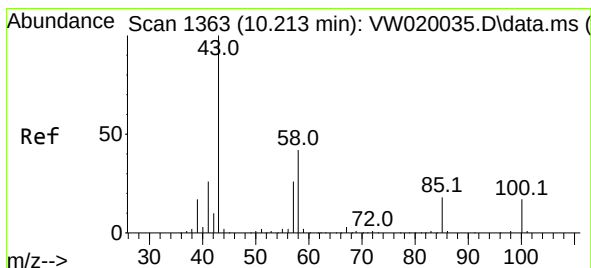
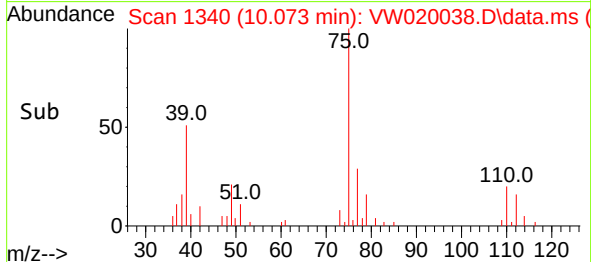
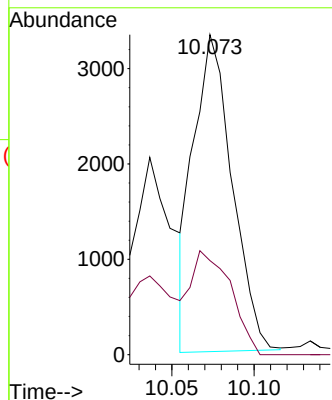
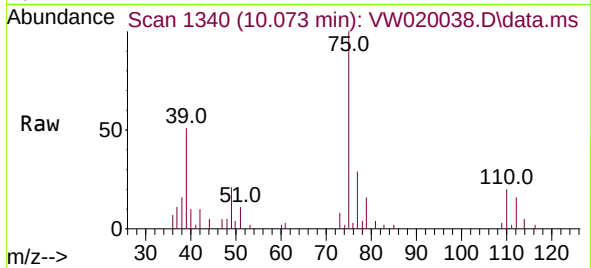
#39
 cis-1,3-Dichloropropene
 Concen: 0.974 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW020038.D
 Acq: 16 Sep 2021 11:39

Instrument :
 MSVOA_W
 ClientSampled :
 MDL6

Tgt Ion: 75 Resp: 5412
 Ion Ratio Lower Upper
 75 100
 77 29.4 22.6 42.0

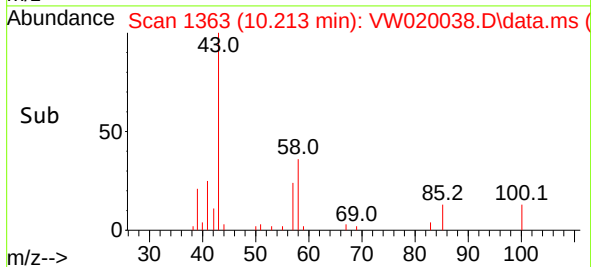
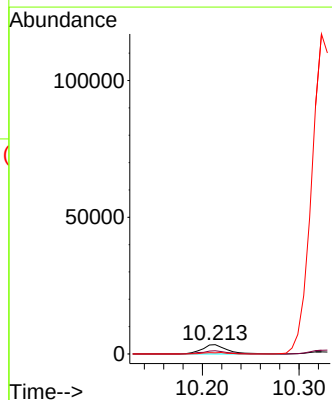
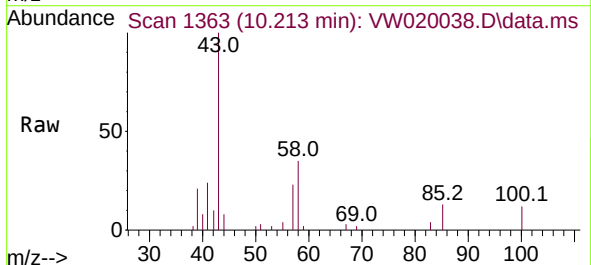
Manual Integrations
 APPROVED

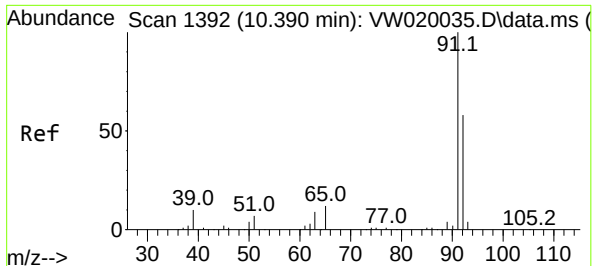
MMDadoda
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#40
 4-Methyl-2-pentanone
 Concen: 2.301 ug/L
 RT: 10.213 min Scan# 1363
 Delta R.T. -0.000 min
 Lab File: VW020038.D
 Acq: 16 Sep 2021 11:39

Tgt Ion: 43 Resp: 6044
 Ion Ratio Lower Upper
 43 100
 58 34.5 31.0 46.4
 100 14.4 13.0 19.6





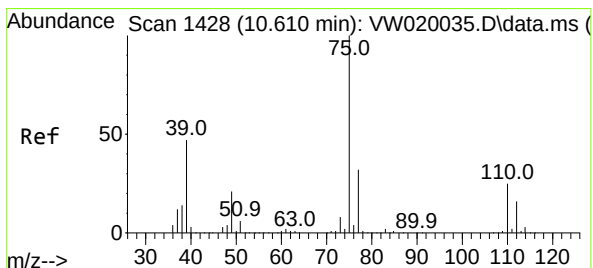
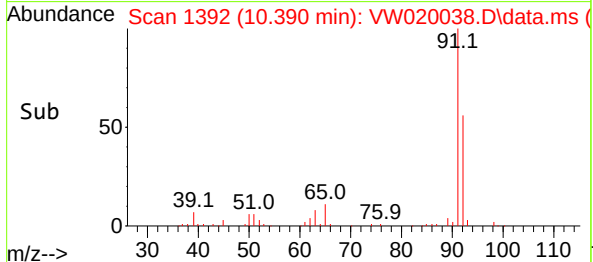
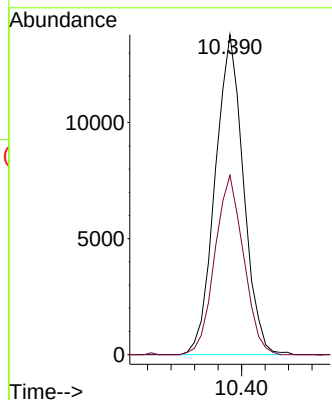
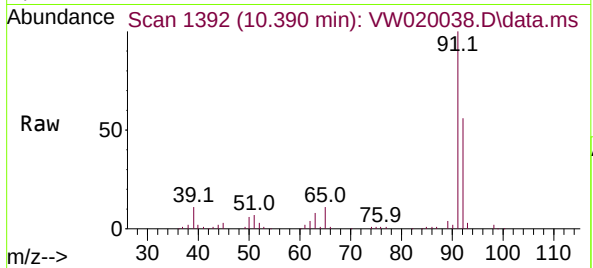
#42
Toluene
Concen: 1.419 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion: 91 Resp: 23027
Ion Ratio Lower Upper
91 100
92 56.0 39.5 73.3

Instrument :
MSVOA_W
ClientSampled :
MDL6

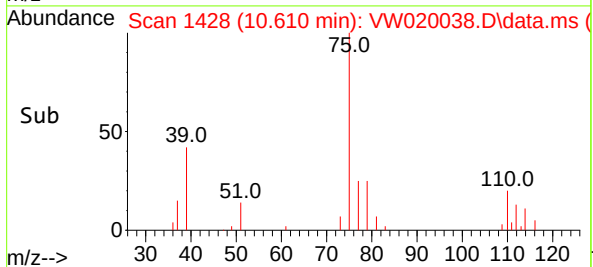
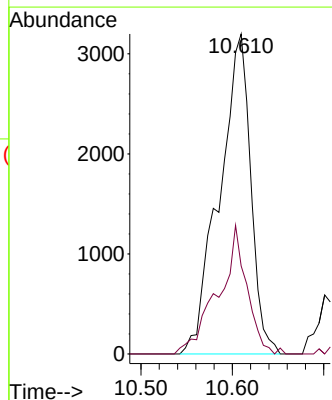
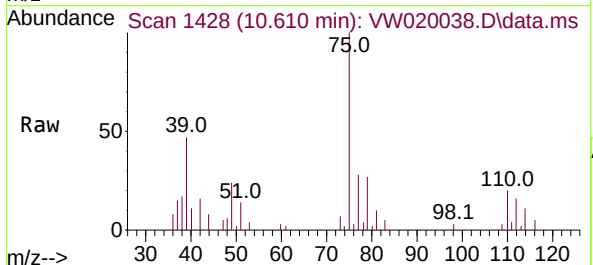
Manual Integrations
APPROVED

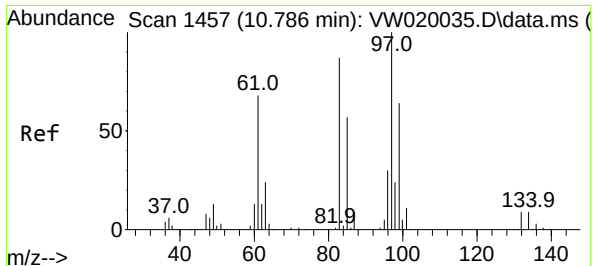
MMDadoda
9/17/2021 4:38:45 PM



#44
trans-1,3-Dichloropropene
Concen: 1.448 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

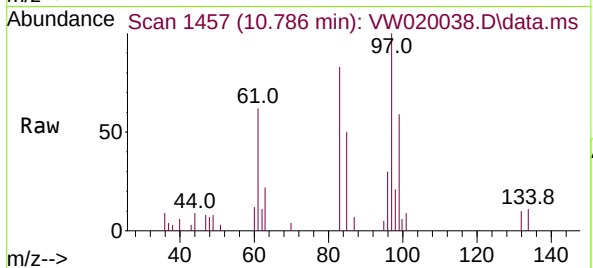
Tgt Ion: 75 Resp: 7623
Ion Ratio Lower Upper
75 100
77 27.5 21.1 39.1





#45
1,1,2-Trichloroethane
Concen: 1.216 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

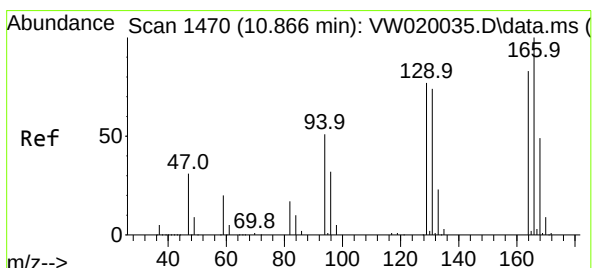
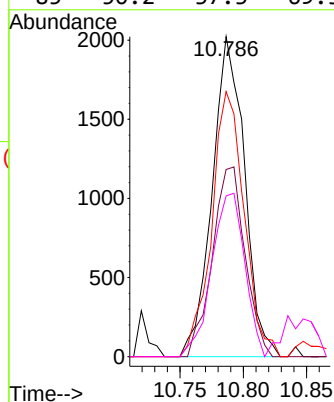
Instrument :
MSVOA_W
ClientSampled :
MDL6



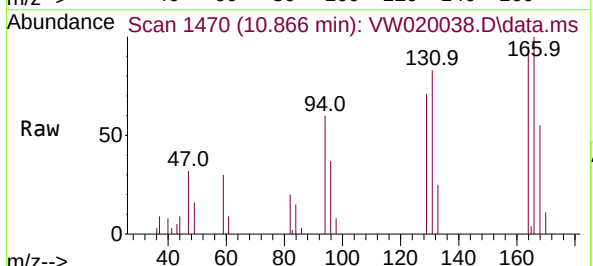
Tgt Ion:	97	Resp:	3583
Ion	Ratio	Lower	Upper
97	100		
99	58.5	45.1	83.7
83	82.8	58.1	107.9
85	50.2	37.3	69.3

Manual Integrations
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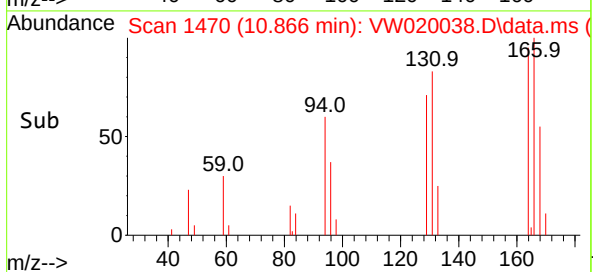
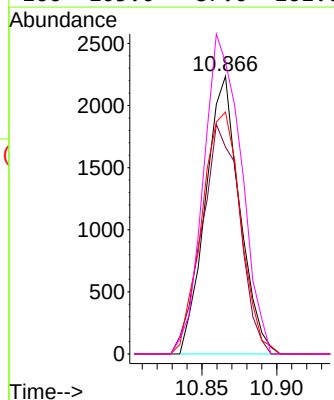
MMDadoda
9/17/2021 4:38:45 PM

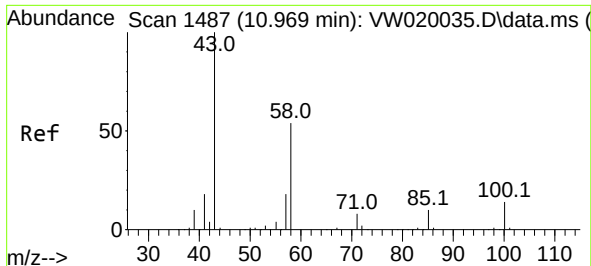


#46
Tetrachloroethene
Concen: 1.141 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39



Tgt Ion:	164	Resp:	3556
Ion	Ratio	Lower	Upper
164	100		
129	74.5	66.7	123.9
131	87.1	61.1	113.5
166	105.0	87.0	161.6





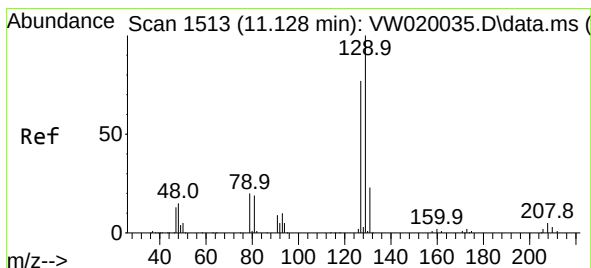
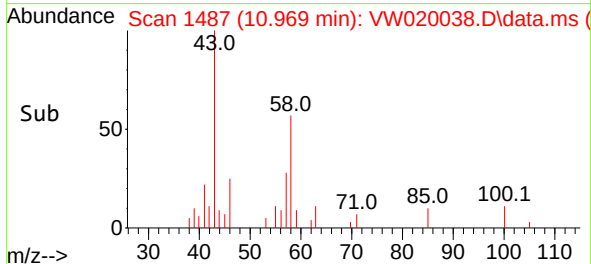
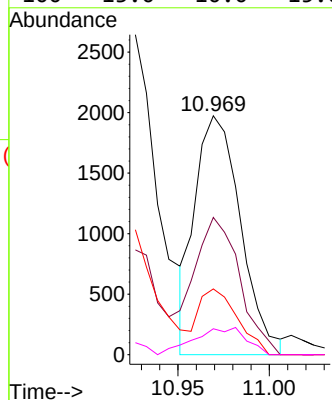
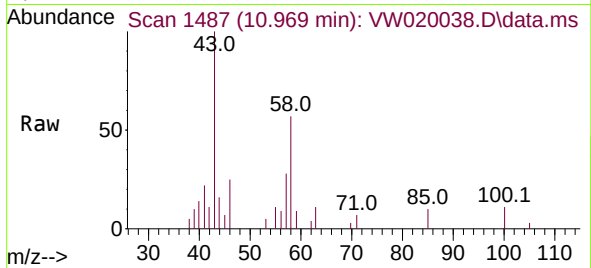
#48
2-Hexanone
Concen: 1.816 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Instrument :
MSVOA_W
ClientSampled :
MDL6

Tgt Ion:	43	Resp:	3420
Ion	Ratio	Lower	Upper
43	100		
58	59.4	42.7	64.1
57	22.8	15.8	23.8
100	13.0	10.0	15.0

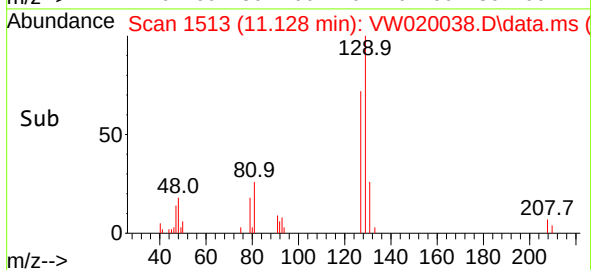
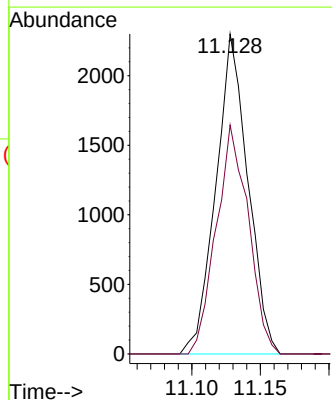
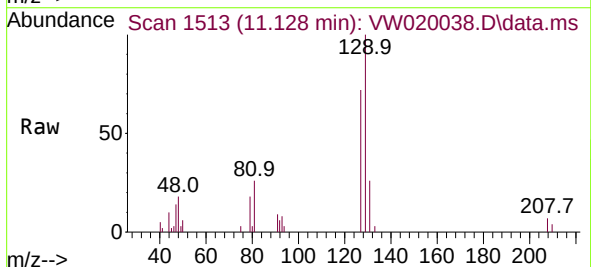
Manual Integrations
APPROVED

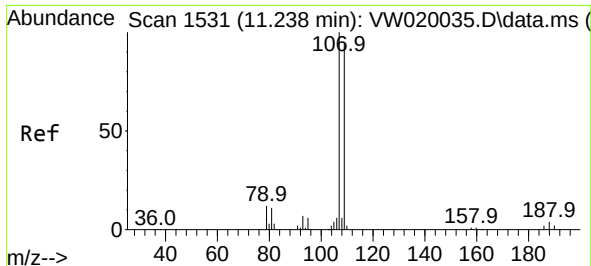
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#49
Dibromochloromethane
Concen: 1.105 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

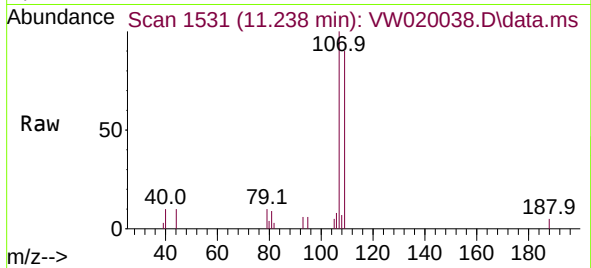
Tgt Ion:	129	Resp:	3740
Ion	Ratio	Lower	Upper
129	100		
127	71.6	51.7	95.9





#50
1,2-Dibromoethane
Concen: 1.101 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

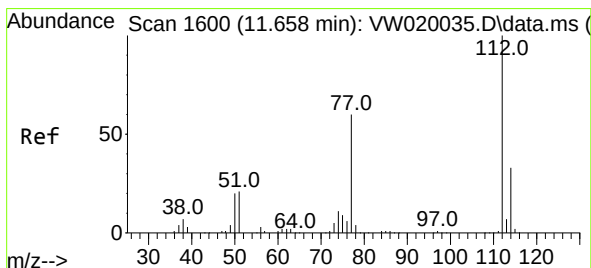
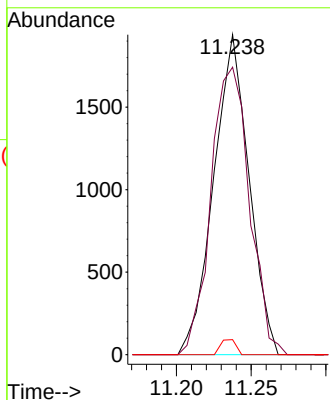
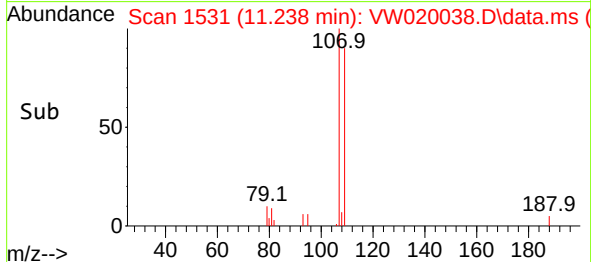
Instrument :
MSVOA_W
ClientSampled :
MDL6



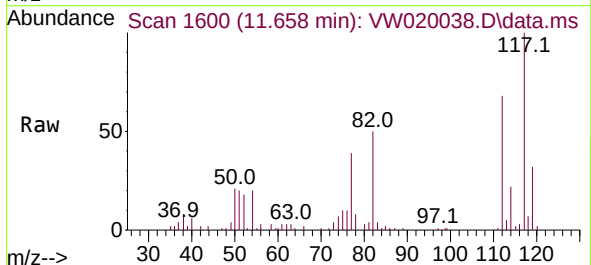
Tgt Ion	Ratio	Lower	Upper
107	100		
109	89.8	65.4	121.4
188	4.7	2.6	4.0#

Manual Integrations
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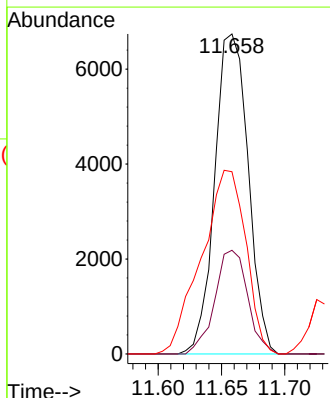
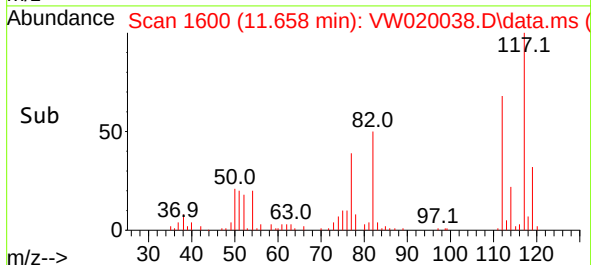
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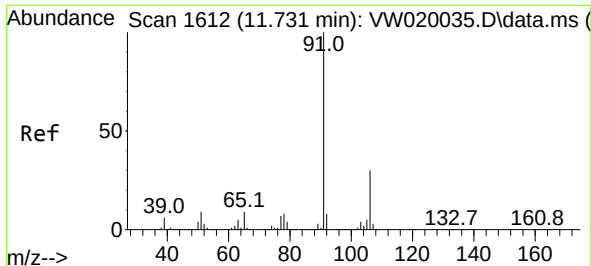


#51
Chlorobenzene
Concen: 1.179 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39



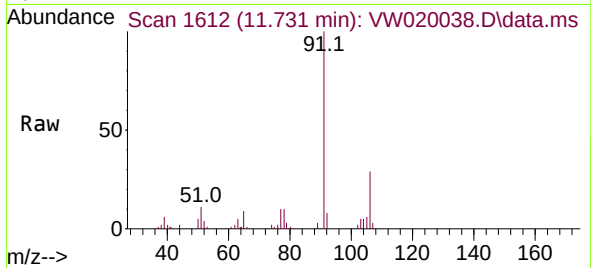
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.4	23.4	43.6
77	57.0	47.6	71.4





#52
Ethylbenzene
Concen: 0.976 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

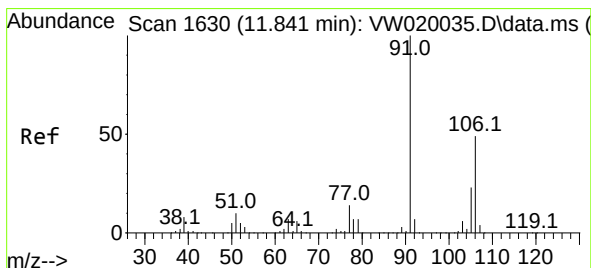
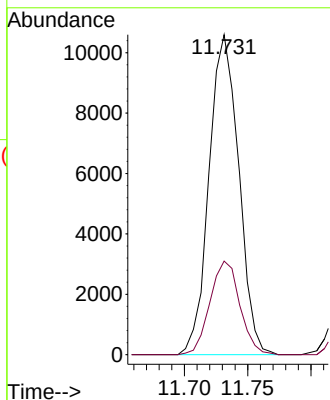
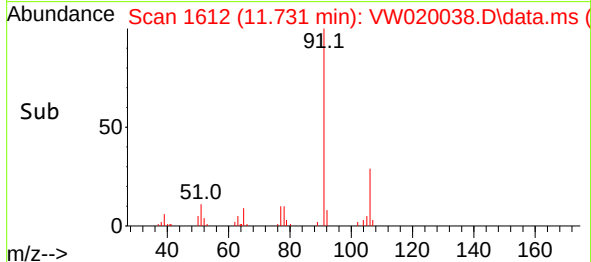
Instrument :
MSVOA_W
ClientSampled :
MDL6



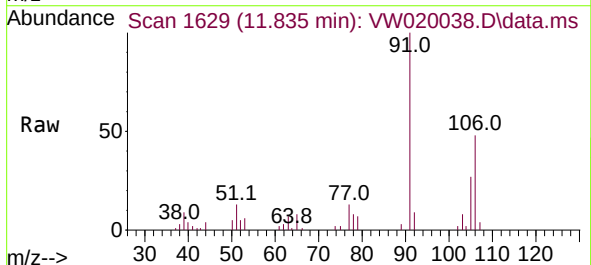
Tgt Ion: 91 Resp: 17309
Ion Ratio Lower Upper
91 100
106 29.3 22.5 41.7

Manual Integrations
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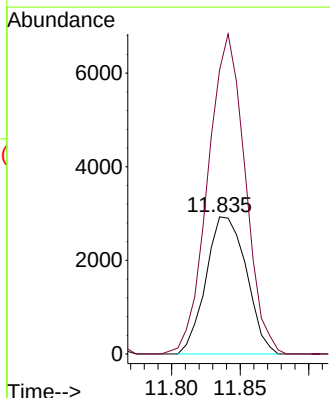
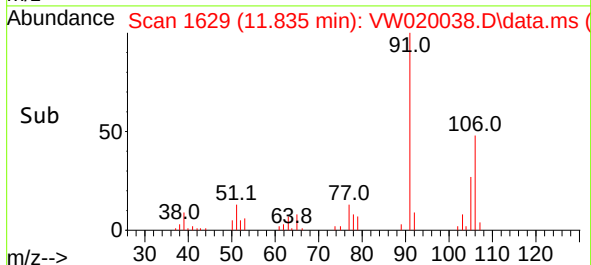
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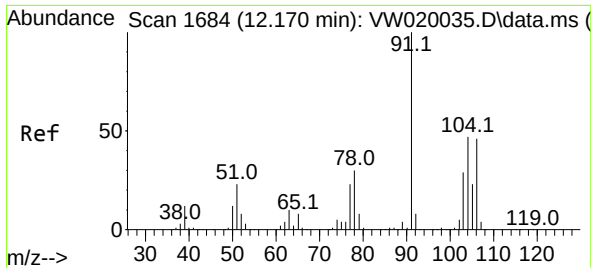


#53
m,p-Xylene
Concen: 0.890 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39



Tgt Ion: 106 Resp: 5999
Ion Ratio Lower Upper
106 100
91 207.3 141.3 262.3





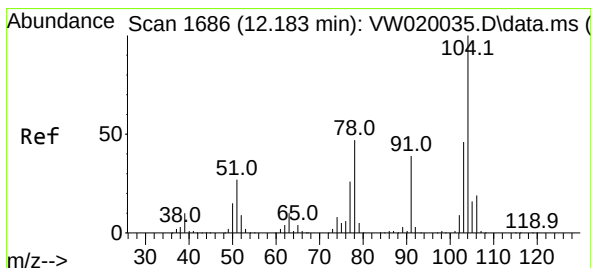
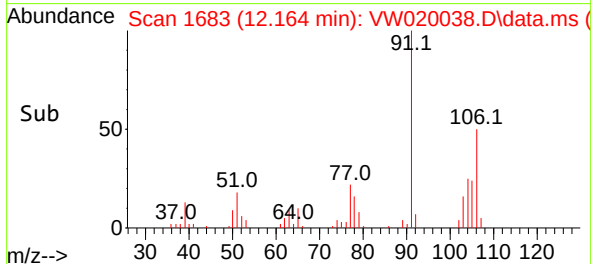
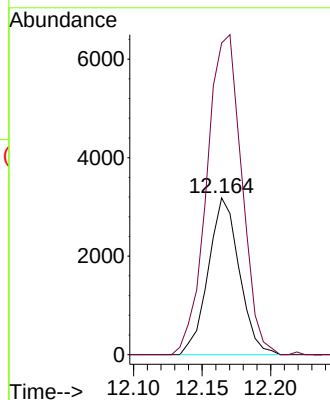
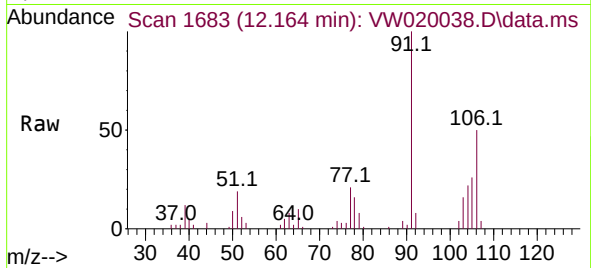
#54
o-Xylene
Concen: 0.788 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Instrument :
MSVOA_W
ClientSampled :
MDL6

Tgt Ion:106 Resp: 5016
Ion Ratio Lower Upper
106 100
91 198.7 150.0 278.6

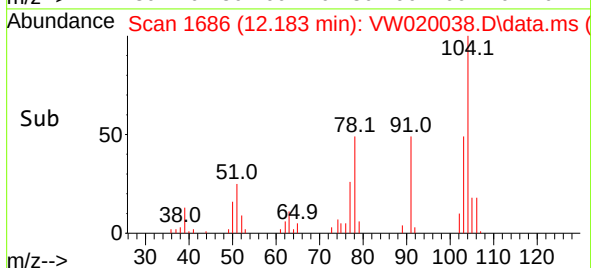
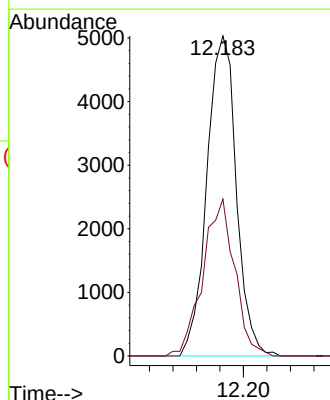
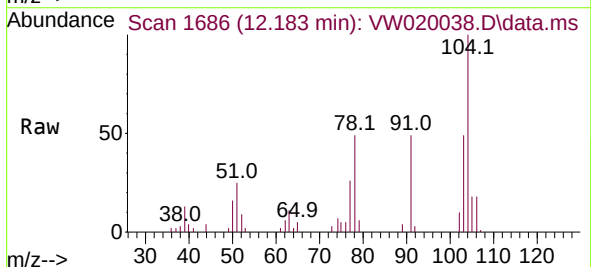
Manual Integrations
APPROVED

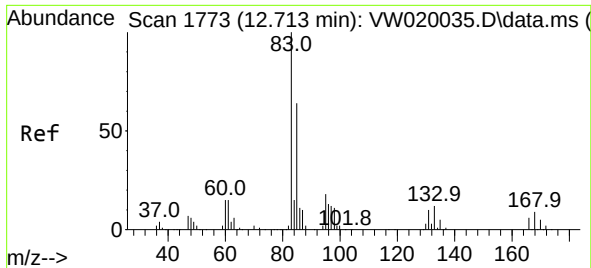
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#55
Styrene
Concen: 0.799 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion:104 Resp: 8747
Ion Ratio Lower Upper
104 100
78 49.0 32.5 60.3





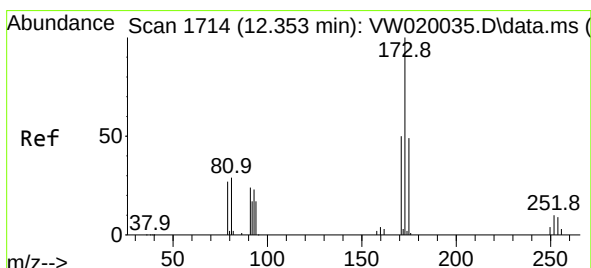
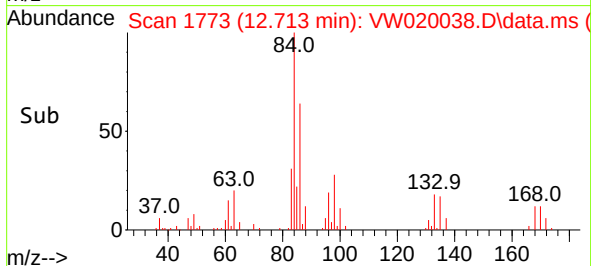
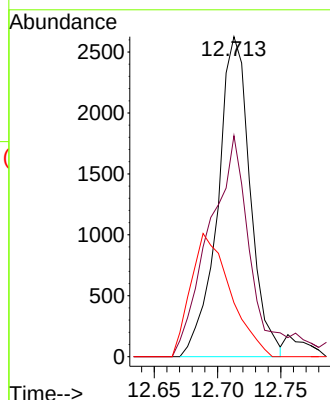
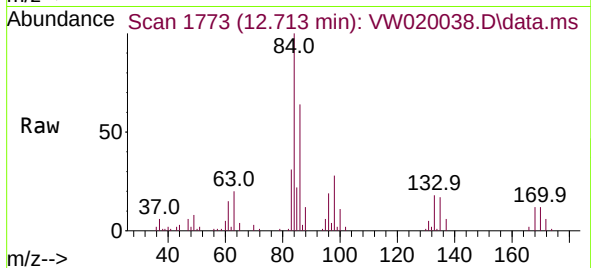
#57
1,1,2,2-Tetrachloroethane
Concen: 1.214 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion:	83	Resp:	4687
Ion Ratio	Lower	Upper	
83	100		
85	69.0	44.4	82.4
131	16.9	8.2	12.4#

Instrument :
MSVOA_W
ClientSampled :
MDL6

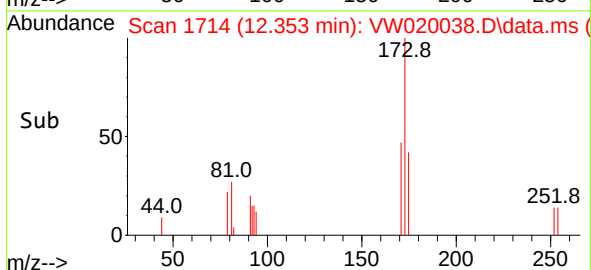
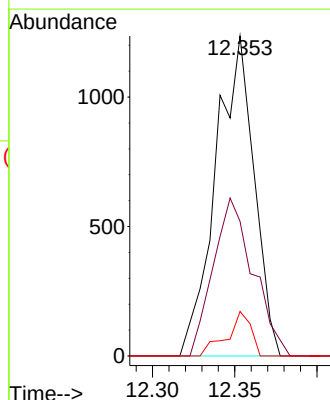
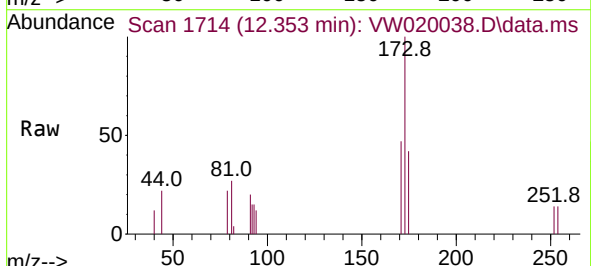
Manual Integrations
APPROVED

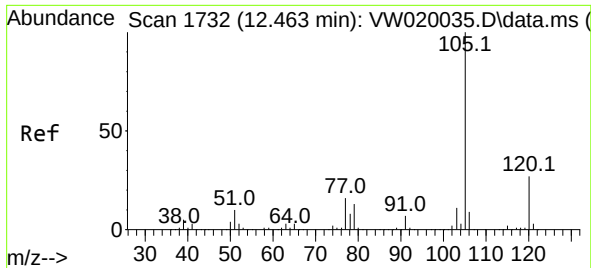
MMDadoda
9/17/2021 4:38:45 PM



#59
Bromoform
Concen: 1.138 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion:	173	Resp:	2003
Ion Ratio	Lower	Upper	
173	100		
175	51.7	37.5	56.3
254	6.6	7.0	10.4#





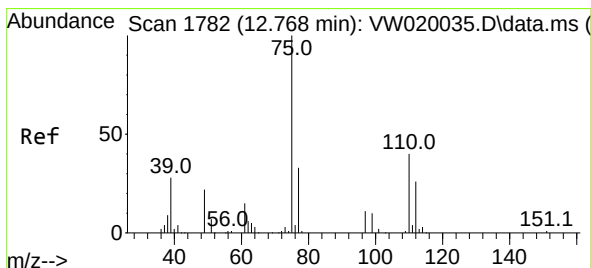
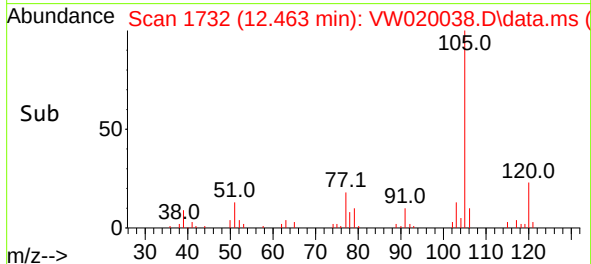
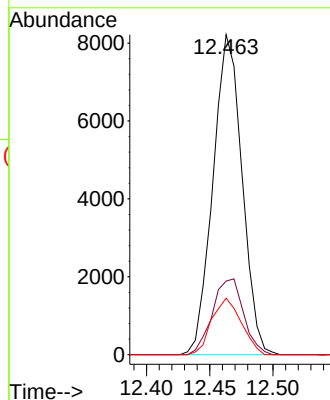
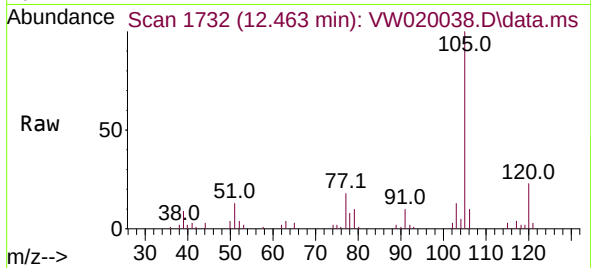
#60
Isopropylbenzene
Concen: 0.852 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

Tgt Ion:	105	Resp:	13146
Ion Ratio	Lower	Upper	
105	100		
120	25.3	21.1	31.7
77	18.0	13.2	19.8

Instrument :
MSVOA_W
ClientSampled :
MDL6

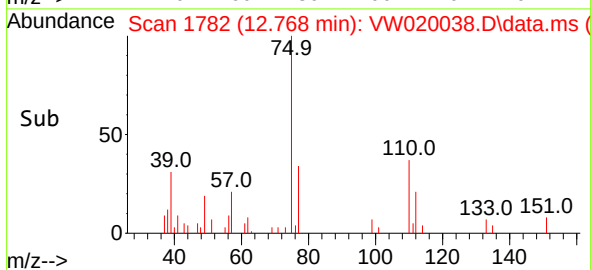
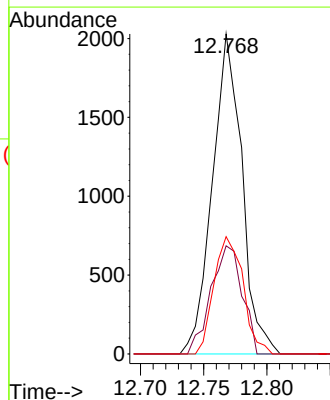
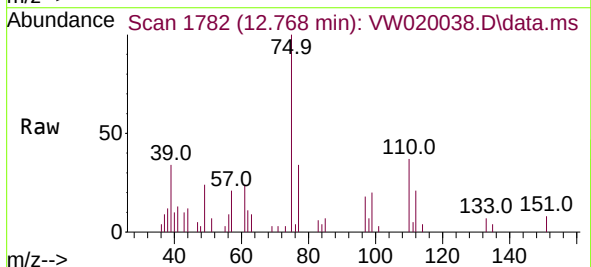
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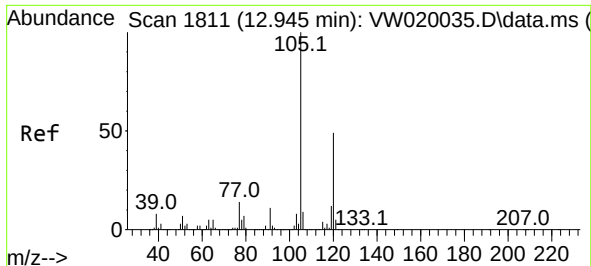
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#61
1,2,3-Trichloropropane
Concen: 1.210 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

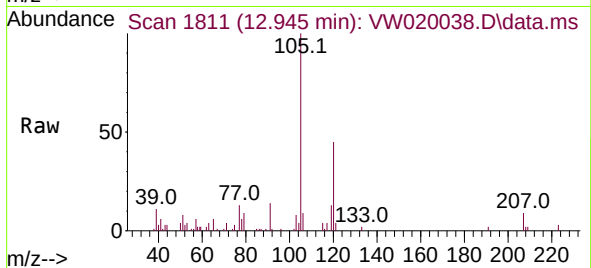
Tgt Ion:	75	Resp:	3292
Ion Ratio	Lower	Upper	
75	100		
77	35.6	25.3	37.9
110	36.2	32.6	48.8





#62
1,3,5-Trimethylbenzene
Concen: 0.846 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

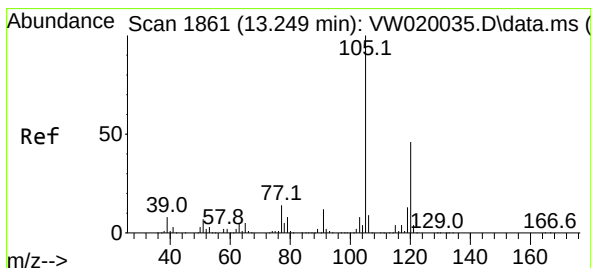
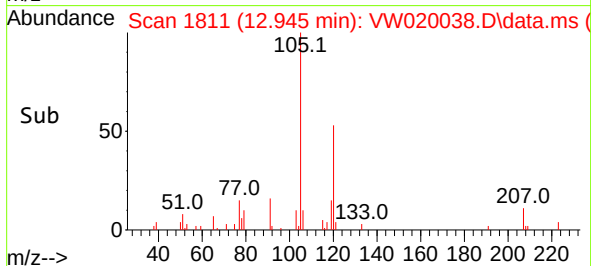
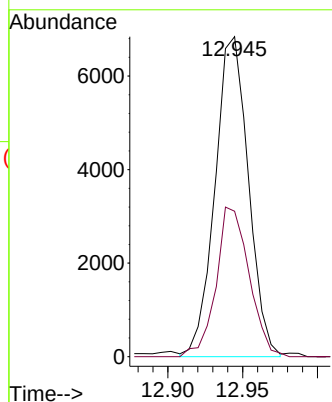
Instrument :
MSVOA_W
ClientSampled :
MDL6



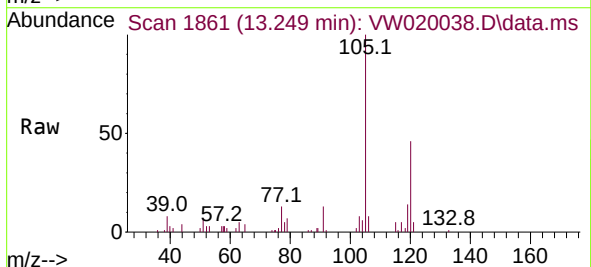
Tgt Ion:105 Resp: 10623
Ion Ratio Lower Upper
105 100
120 46.2 39.0 58.6

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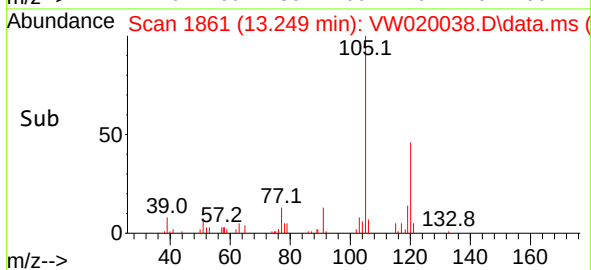
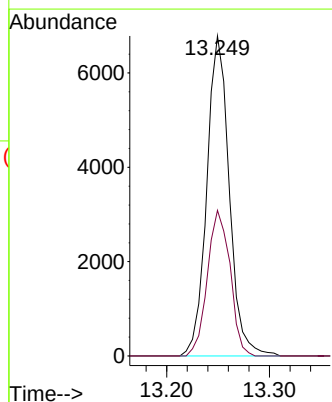
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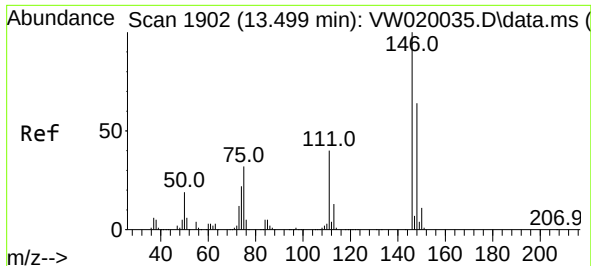


#63
1,2,4-Trimethylbenzene
Concen: 0.839 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39



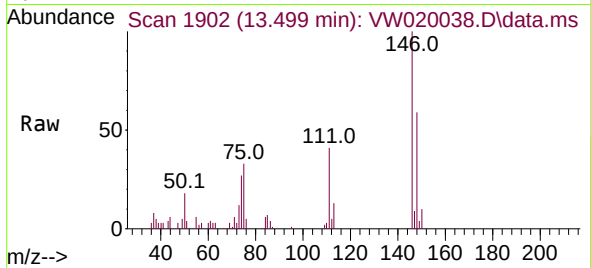
Tgt Ion:105 Resp: 10340
Ion Ratio Lower Upper
105 100
120 45.7 35.6 53.4





#64
1,3-Dichlorobenzene
Concen: 1.062 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

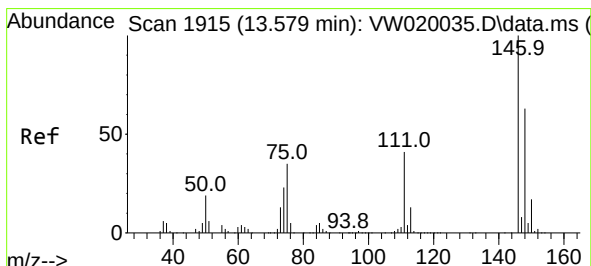
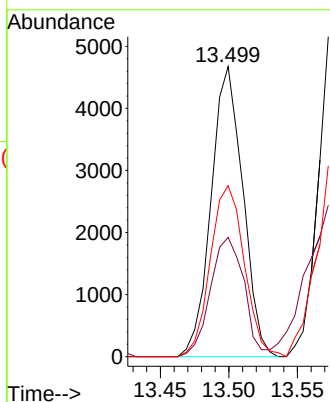
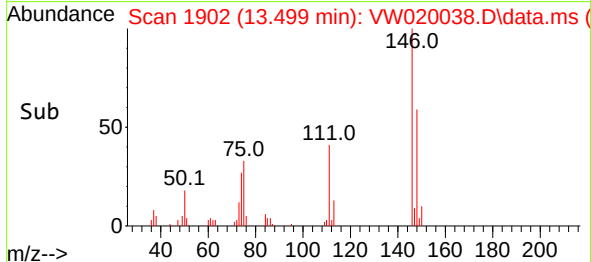
Instrument :
MSVOA_W
ClientSampled :
MDL6



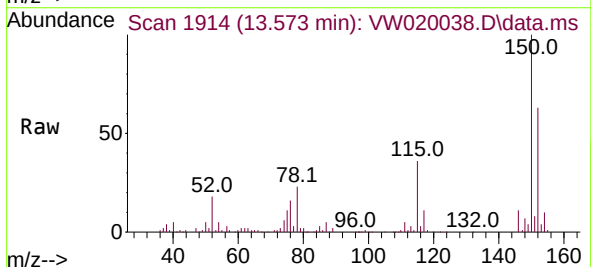
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	26.7	49.7
148	59.0	41.1	76.3

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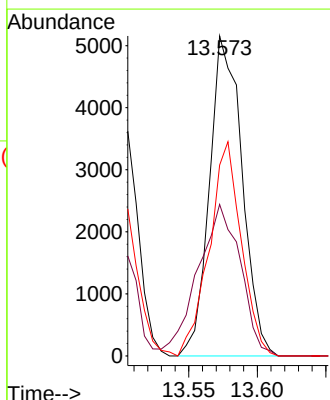
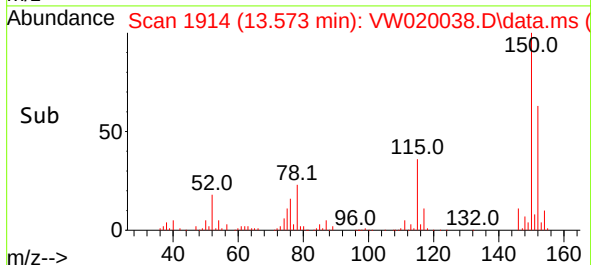
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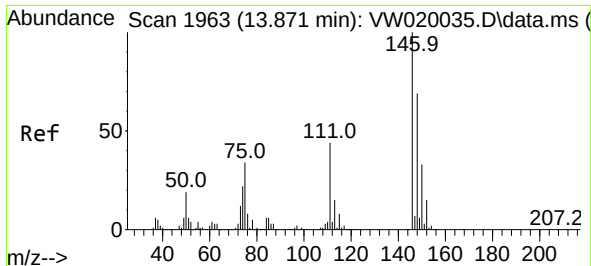


#65
1,4-Dichlorobenzene
Concen: 1.178 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39



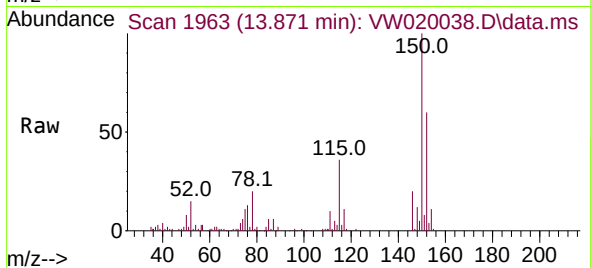
Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.3	28.8	53.4
148	59.6	46.8	87.0





#67
1,2-Dichlorobenzene
Concen: 1.274 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

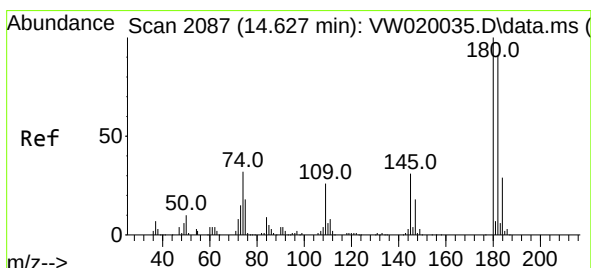
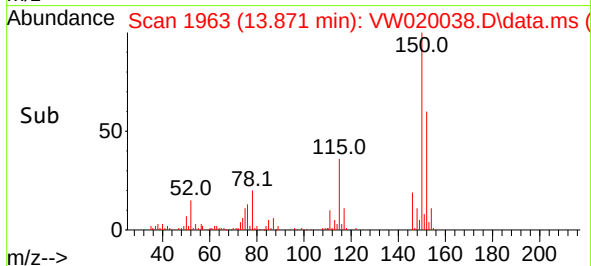
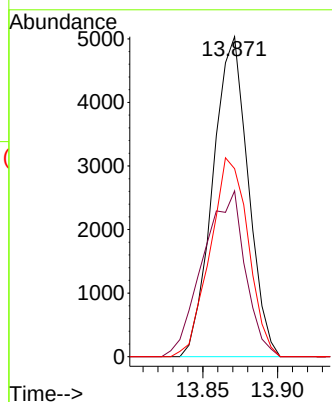
Instrument :
MSVOA_W
ClientSampled :
MDL6



Tgt Ion	Ratio	Lower	Upper
146	100		
111	51.8	33.2	49.8#
148	58.8	50.4	75.6

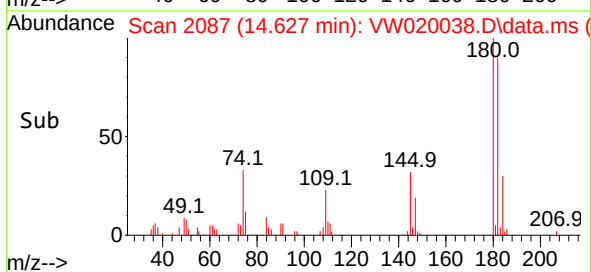
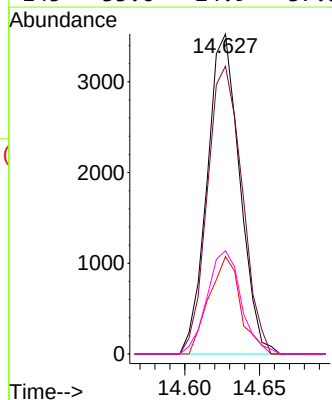
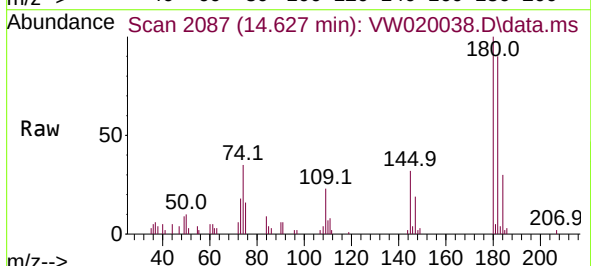
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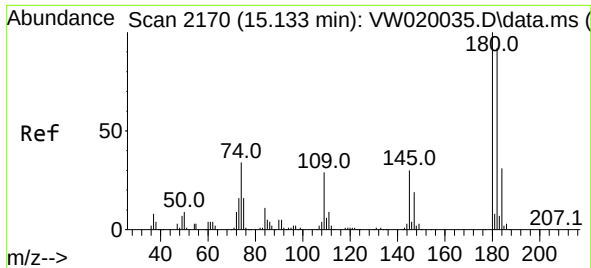
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#69
1,3,5-Trichlorobenzene
Concen: 1.091 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

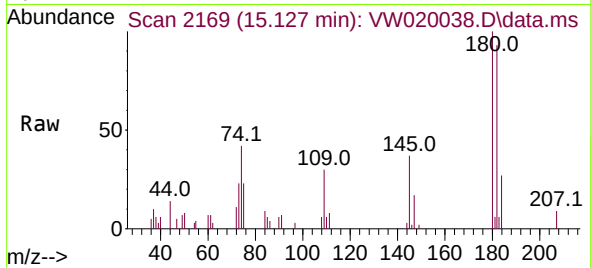
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	73.4	110.2
184	29.3	23.6	35.4
145	33.6	24.9	37.3





#70
1,2,4-trichlorobenzene
Concen: 1.050 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39

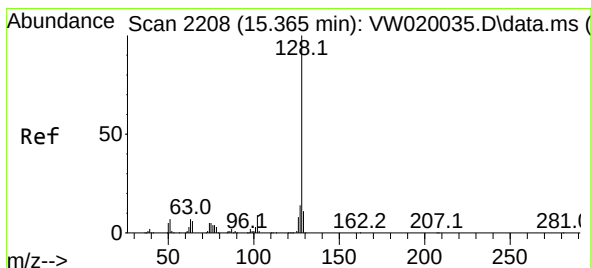
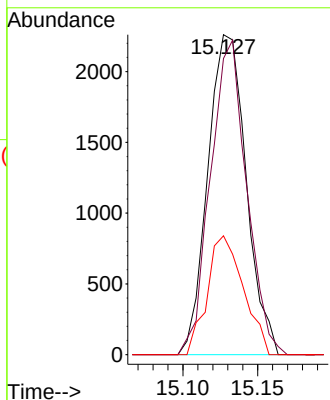
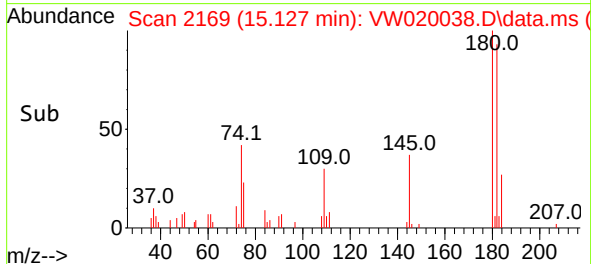
Instrument :
MSVOA_W
ClientSampled :
MDL6



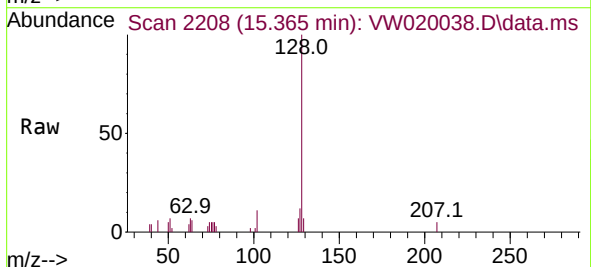
Tgt Ion:180 Resp: 4035
Ion Ratio Lower Upper
180 100
182 92.7 74.7 112.1
145 35.0 25.0 37.4

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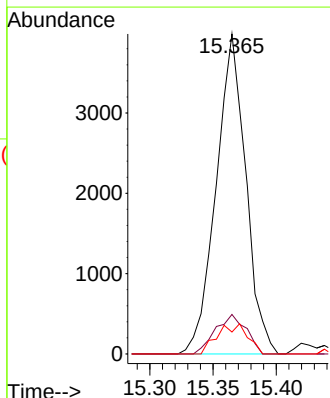
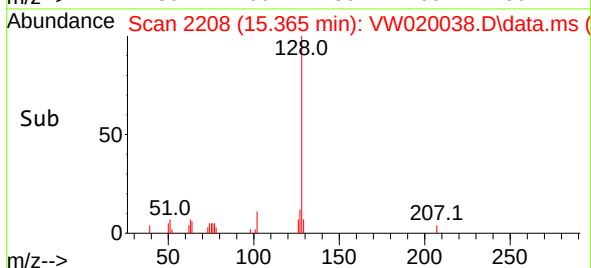
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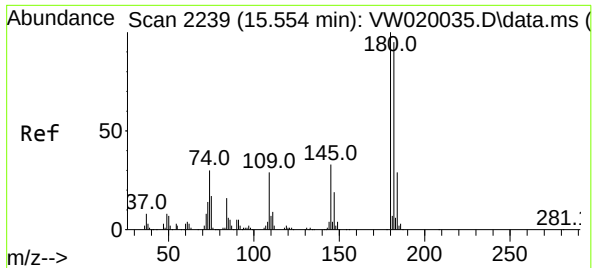


#71
Naphthalene
Concen: 0.790 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020038.D
Acq: 16 Sep 2021 11:39



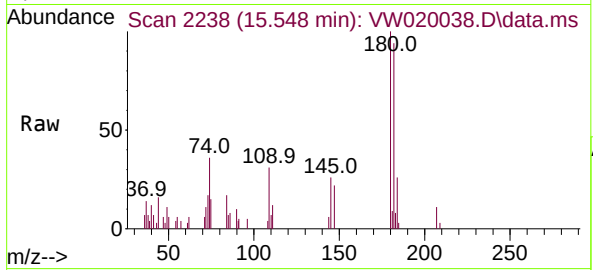
Tgt Ion:128 Resp: 6488
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 9.6 9.0 13.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.920 ug/L
 RT: 15.548 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: VW020038.D
 Acq: 16 Sep 2021 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL6



Tgt Ion:	180	Resp:	3319
Ion	Ratio	Lower	Upper
180	100		
182	103.9	76.7	115.1
145	34.5	28.9	43.3

Manual Integrations
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