

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020022.D
 Acq On : 14 Sep 2021 21:07
 Operator : SY/VA
 Sample : MDL01
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2021 2:31:22 PM

Quant Time: Sep 15 03:59:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 15 03:16:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	285097	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	273070	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	123482	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	135009	28.751	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.000%			
7) Chloroethane-d5	2.897	69	108511	26.848	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.400%			
11) 1,1-Dichloroethene-d2	4.025	63	151625	19.755	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.000%			
21) 2-Butanone-d5	7.080	46	48326	37.620	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.240%			
24) Chloroform-d	7.653	84	208634	26.559	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.240%			
26) 1,2-Dichloroethane-d4	8.311	65	124530	26.910	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.640%			
32) Benzene-d6	8.281	84	412818	27.708	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.840%			
36) 1,2-Dichloropropane-d6	9.274	67	123443	27.934	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.720%			
41) Toluene-d8	10.323	98	380012	27.211	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.840%			
43) trans-1,3-Dichloroprop...	10.579	79	52809	25.979	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.920%			
47) 2-Hexanone-d5	10.927	63	36725	40.679	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.360%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	99665	22.925	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.680%			
66) 1,2-Dichlorobenzene-d4	13.853	152	130387	30.984	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 123.920%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	3030	1.025	ug/L #	87
3) Chloromethane	2.221	50	4344	1.091	ug/L	88
5) Vinyl chloride	2.367	62	6979	1.121	ug/L #	25
6) Bromomethane	2.788	94	4660	1.068	ug/L	99
8) Chloroethane	2.934	64	4196	1.105	ug/L	89
9) Trichlorofluoromethane	3.269	101	2924	0.805	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	5370m	1.314	ug/L	
12) 1,1-Dichloroethene	4.056	96	4888m	1.263	ug/L	
14) Carbon disulfide	4.397	76	12345	0.977	ug/L	97
15) Methyl Acetate	4.690	43	1829	0.860	ug/L	98
16) Methylene chloride	4.922	84	10712	2.132	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	4214	1.034	ug/L	86
18) Methyl tert-butyl Ether	5.440	73	4731	0.929	ug/L #	89
19) 1,1-Dichloroethane	6.220	63	7553	1.036	ug/L	94
20) cis-1,2-Dichloroethene	7.177	96	4273	1.015	ug/L	99
23) Bromochloromethane	7.519	128	2082	1.068	ug/L	99
25) Chloroform	7.689	83	9623	1.256	ug/L	93
27) 1,2-Dichloroethane	8.409	62	5808	1.084	ug/L #	95
29) Cyclohexane	7.958	56	4807	0.782	ug/L #	92

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

30) 1,1,1-Trichloroethane	7.878	97	6543	1.022	ug/L	97
31) Carbon tetrachloride	8.079	117	6008	1.006	ug/L	99
33) Benzene	8.329	78	17763	1.081	ug/L	100
34) Trichloroethene	9.098	95	4445	1.021	ug/L	93
35) Methylcyclohexane	9.341	83	5784	0.788	ug/L #	89
37) 1,2-Dichloropropane	9.366	63	4522	1.136	ug/L	98
38) Bromodichloromethane	9.652	83	5670	1.056	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	5786	0.963	ug/L	98
42) Toluene	10.390	91	23731	1.353	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	7963	1.400	ug/L	93
45) 1,1,2-Trichloroethane	10.786	97	3416	1.073	ug/L	88
46) Tetrachloroethene	10.866	164	3517	1.044	ug/L	99
48) 2-Hexanone	10.969	43	3242	1.593	ug/L #	97
49) Dibromochloromethane	11.128	129	3693	1.010	ug/L	93
50) 1,2-Dibromoethane	11.237	107	2963	0.947	ug/L #	91
51) Chlorobenzene	11.658	112	12045	1.059	ug/L	95
52) Ethylbenzene	11.731	91	17535	0.916	ug/L	95
53) m,p-Xylene	11.841	106	6172	0.847	ug/L	92
54) o-Xylene	12.170	106	5349	0.778	ug/L	93
55) Styrene	12.182	104	8141	0.689	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.719	83	4342	1.041	ug/L	97
59) Bromoform	12.353	173	1919	1.027	ug/L #	96
60) Isopropylbenzene	12.469	105	14059	0.858	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	2694	0.933	ug/L	93
62) 1,3,5-Trimethylbenzene	12.944	105	10205	0.766	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	11002	0.841	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	7583	1.007	ug/L	87
65) 1,4-Dichlorobenzene	13.578	146	8620	1.123	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	8450	1.231	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	5643	1.083	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	4071	0.998	ug/L	97
71) Naphthalene	15.365	128	7069	0.811	ug/L	99
72) 1,2,3-Trichlorobenzene	15.560	180	4009	1.047	ug/L	90

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

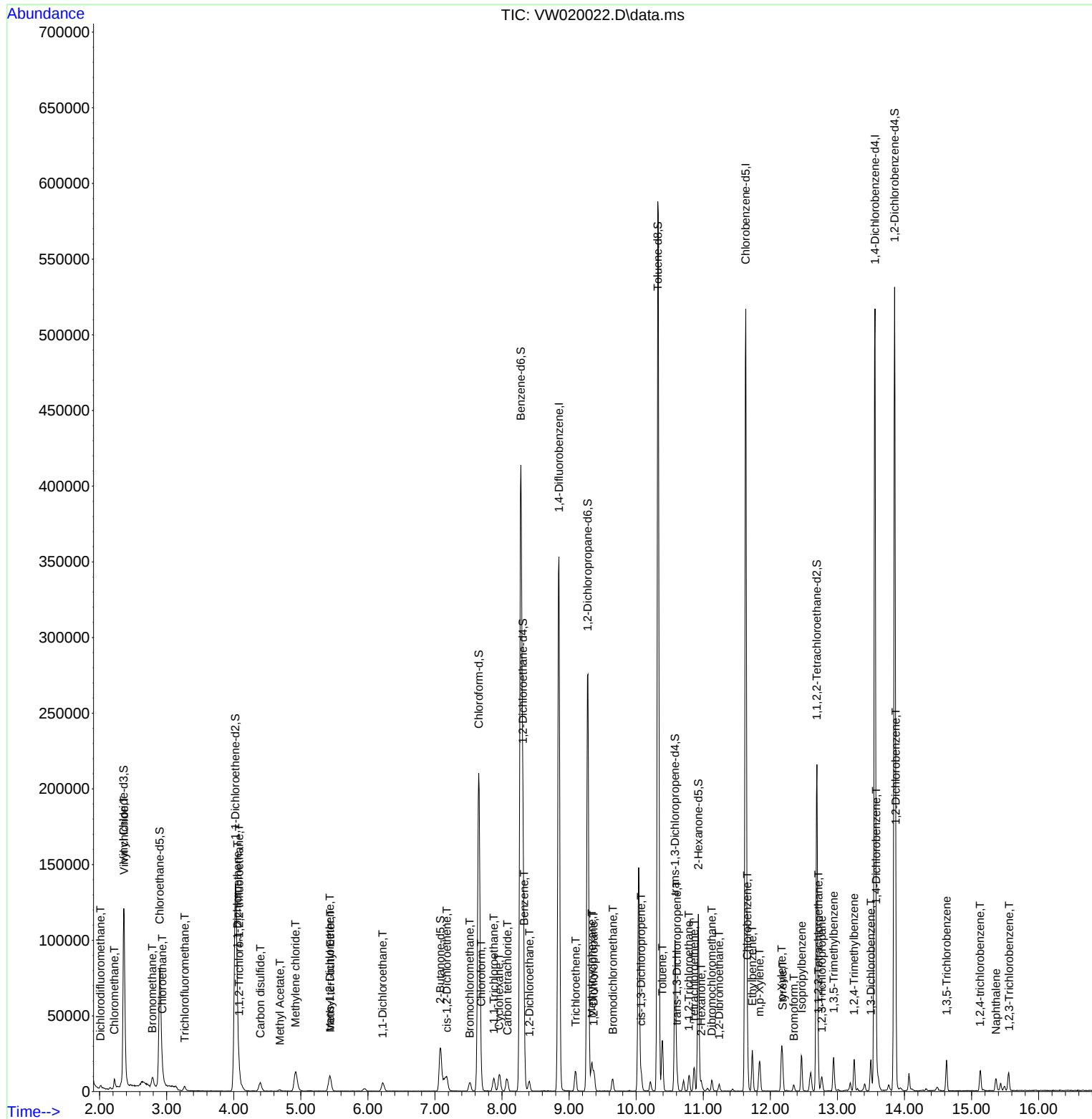
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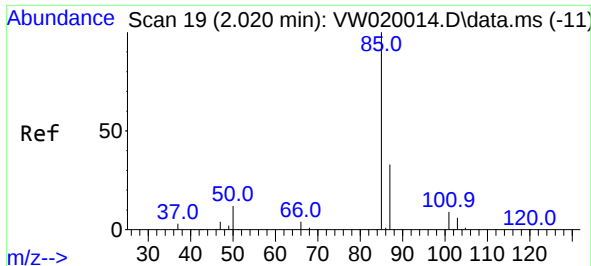
Instrument :
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ClientSampled :
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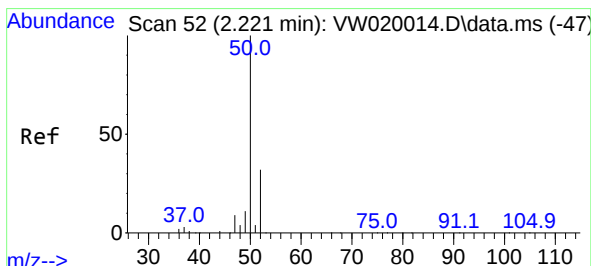
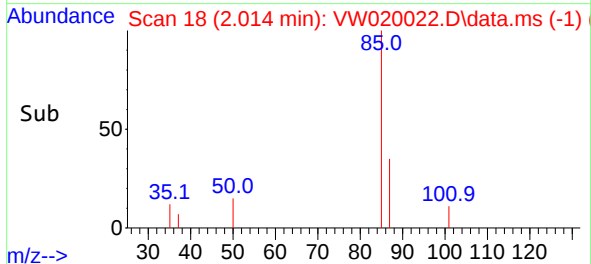
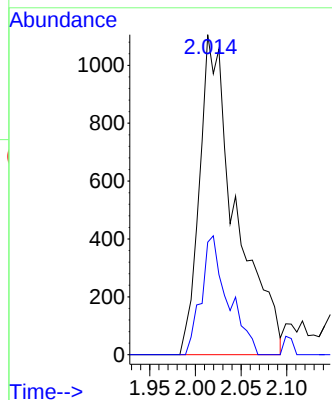
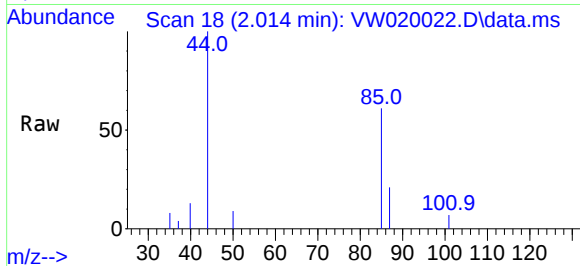
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Dichlorodifluoromethane
Concen: 1.025 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Tgt Ion: 85 Resp: 3030
Ion Ratio Lower Upper
85 100
87 22.3 23.3 34.9#

Instrument :
MSVOA_W
ClientSampled :
MDL01

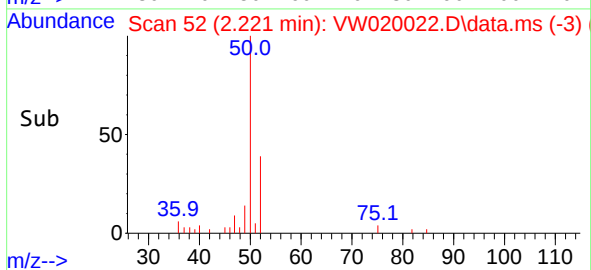
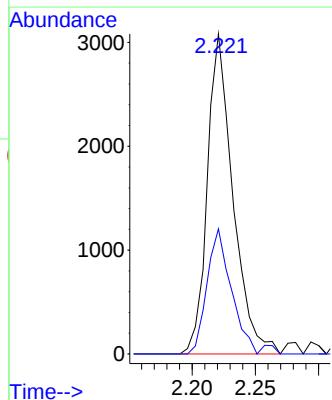
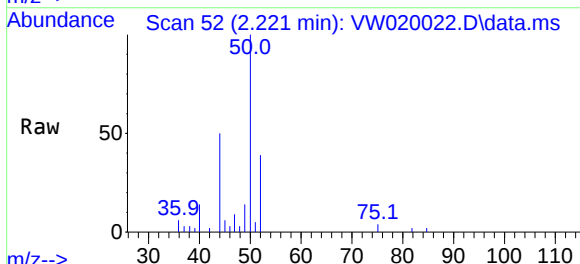
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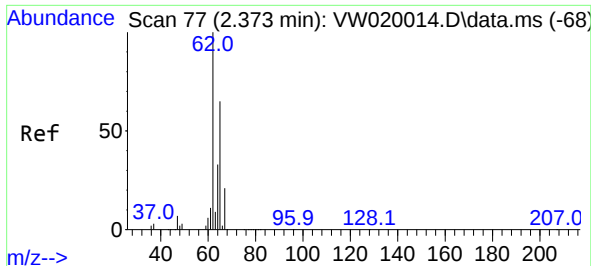
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#3
Chloromethane
Concen: 1.091 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Tgt Ion: 50 Resp: 4344
Ion Ratio Lower Upper
50 100
52 39.1 22.5 41.9





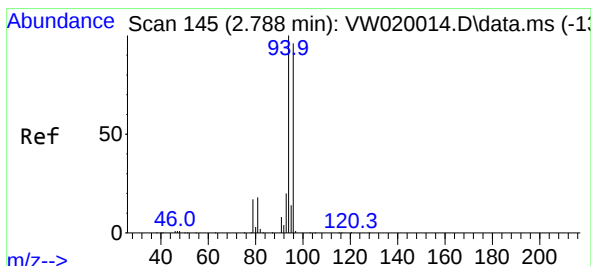
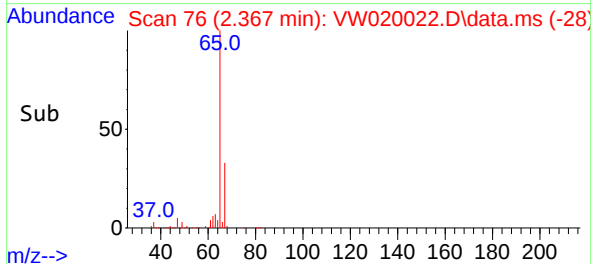
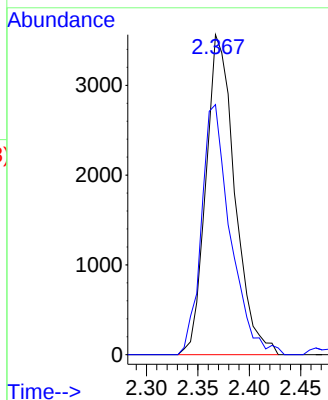
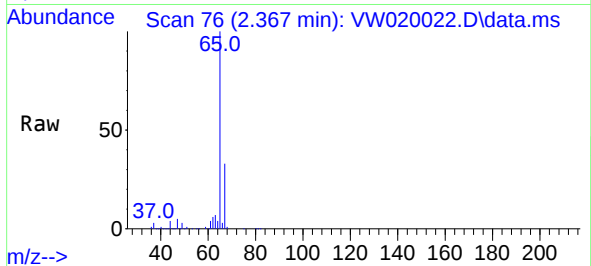
#5
 Vinyl chloride
 Concen: 1.121 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW020022.D
 Acq: 14 Sep 2021 21:07

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL01

Tgt Ion: 62 Resp: 6979
 Ion Ratio Lower Upper
 62 100
 64 78.2 24.2 45.0#

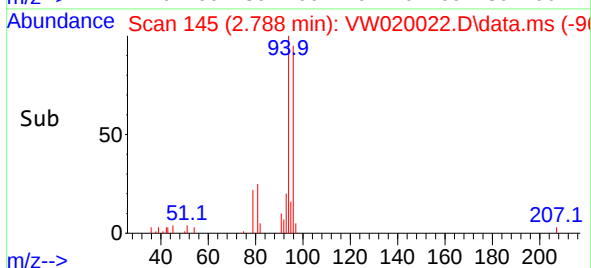
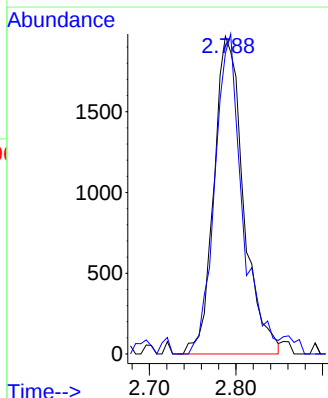
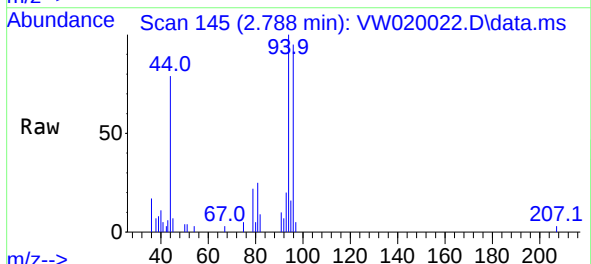
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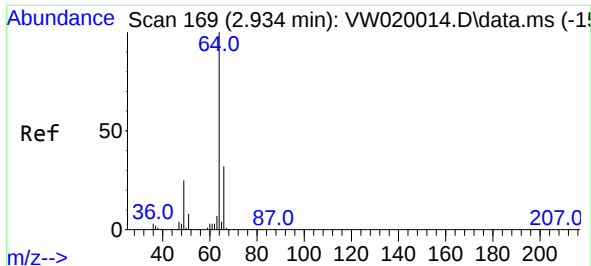
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#6
 Bromomethane
 Concen: 1.068 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW020022.D
 Acq: 14 Sep 2021 21:07

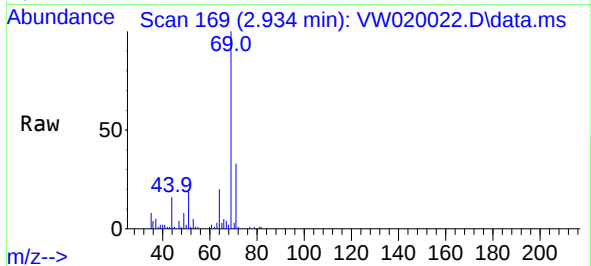
Tgt Ion: 94 Resp: 4660
 Ion Ratio Lower Upper
 94 100
 96 94.6 65.3 121.3



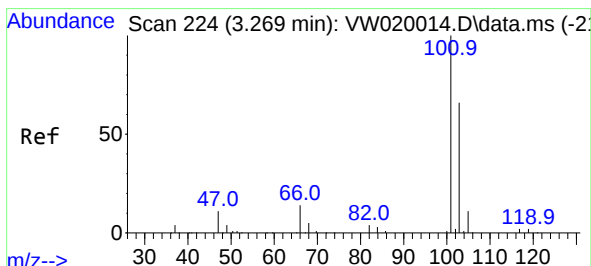
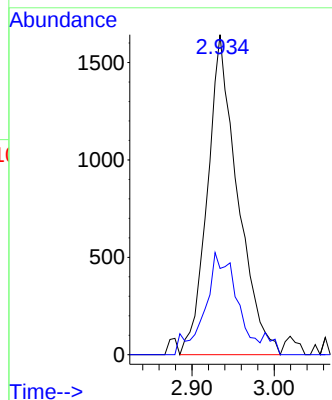
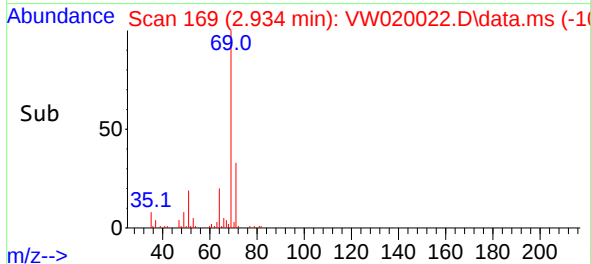


#8
Chloroethane
Concen: 1.105 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

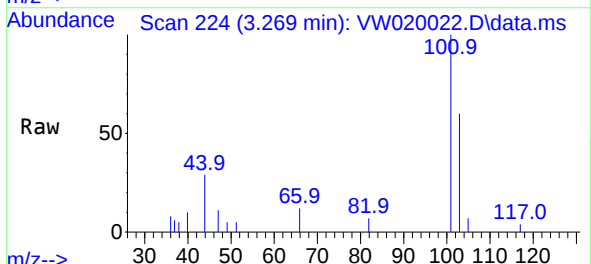
Instrument :
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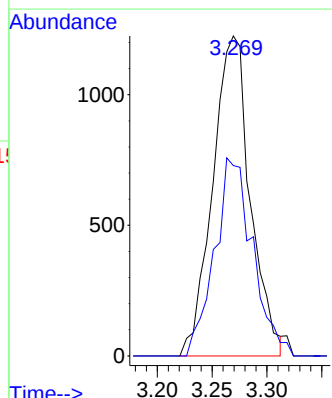
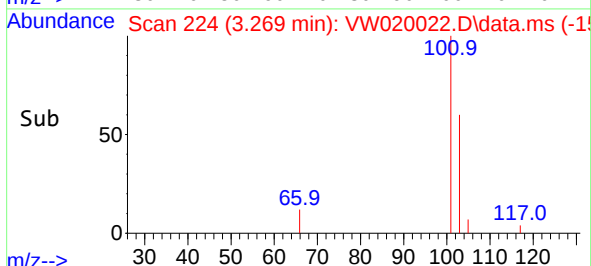
Tgt Ion: 64 Resp: 4196
Ion Ratio Lower Upper
64 100
66 27.0 23.4 43.6

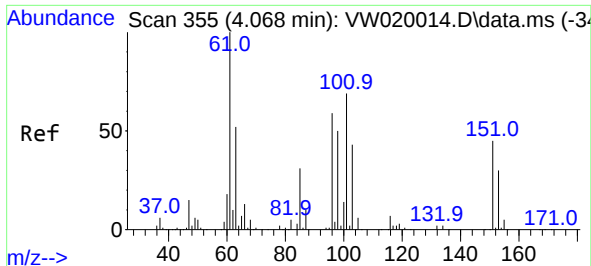


#9
Trichlorofluoromethane
Concen: 0.805 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07



Tgt Ion: 101 Resp: 2924
Ion Ratio Lower Upper
101 100
103 62.4 51.0 76.4





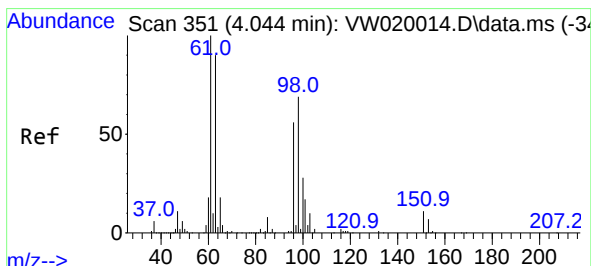
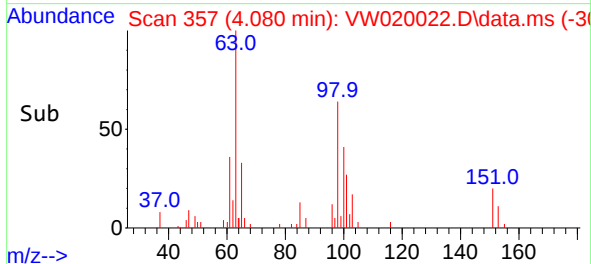
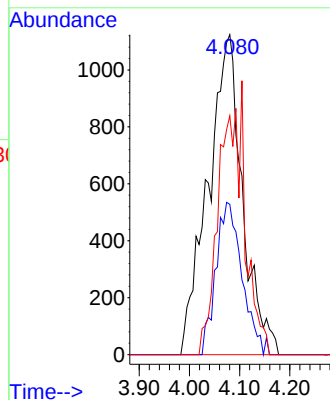
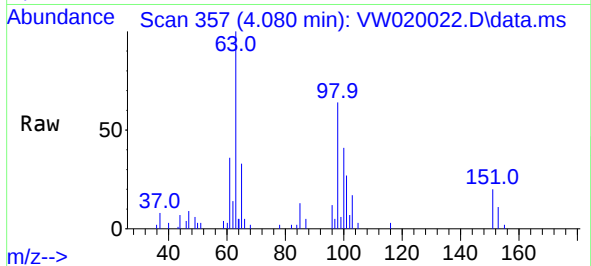
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.314 ug/L m
RT: 4.080 min Scan# 357
Delta R.T. 0.006 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Instrument :
MSVOA_W
ClientSampled :
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Tgt Ion:101 Resp: 5370
Ion Ratio Lower Upper
101 100
85 33.2 38.2 57.2#
151 35.6 56.6 85.0#

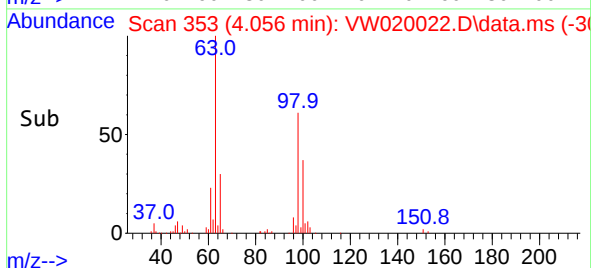
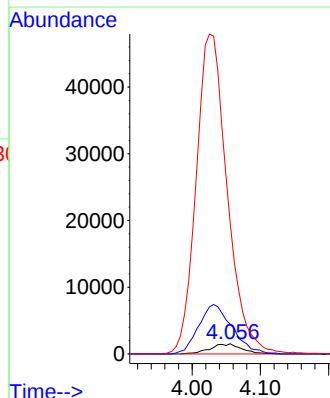
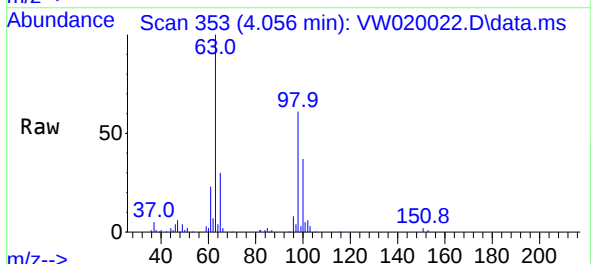
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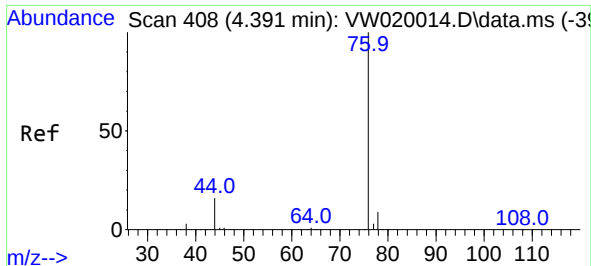
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#12
1,1-Dichloroethene
Concen: 1.263 ug/L m
RT: 4.056 min Scan# 353
Delta R.T. 0.006 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Tgt Ion: 96 Resp: 4888
Ion Ratio Lower Upper
96 100
61 291.1 118.1 219.3#
63 1280.8 83.7 155.5#





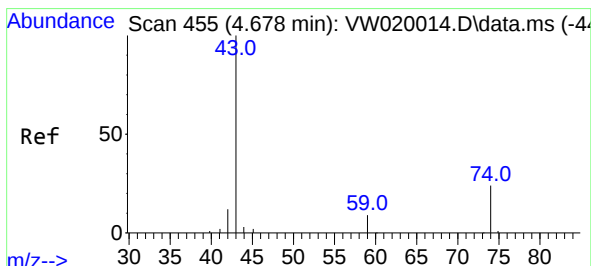
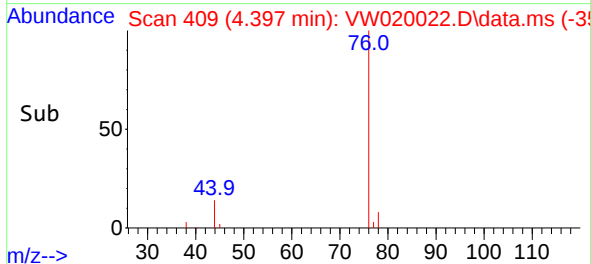
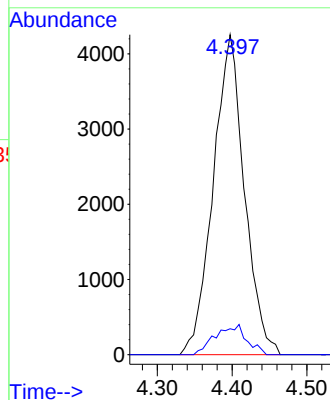
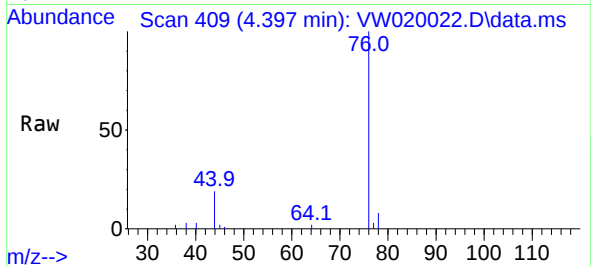
#14
Carbon disulfide
Concen: 0.977 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Tgt Ion: 76 Resp: 12345
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0

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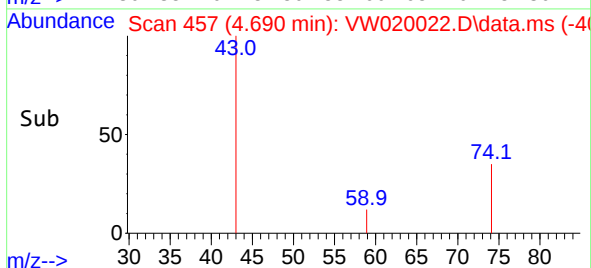
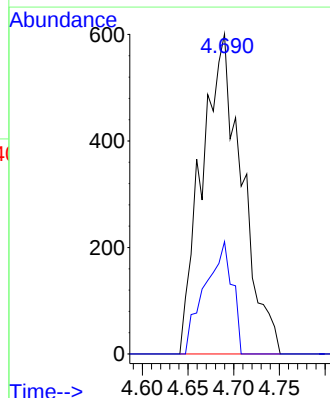
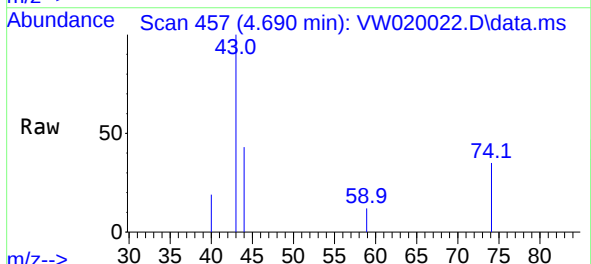
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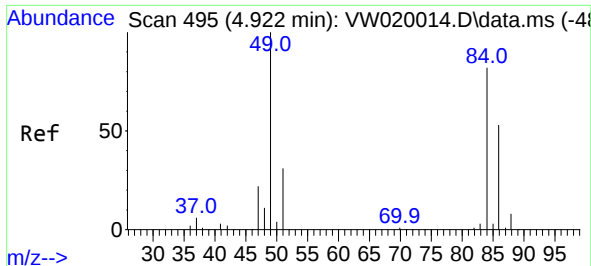
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#15
Methyl Acetate
Concen: 0.860 ug/L
RT: 4.690 min Scan# 457
Delta R.T. 0.012 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Tgt Ion: 43 Resp: 1829
Ion Ratio Lower Upper
43 100
74 24.1 20.0 30.0





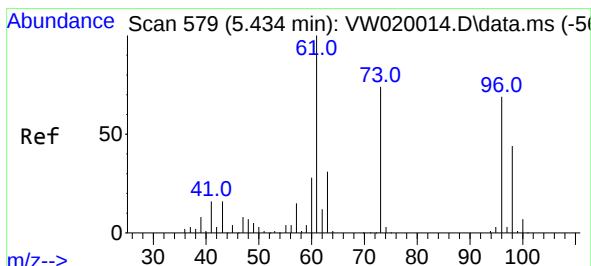
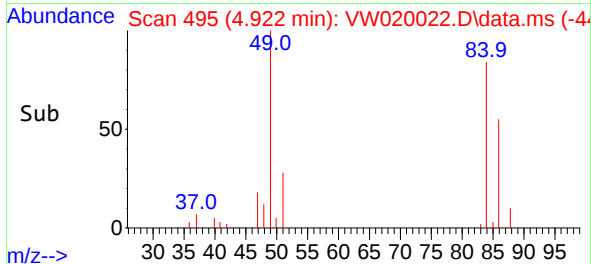
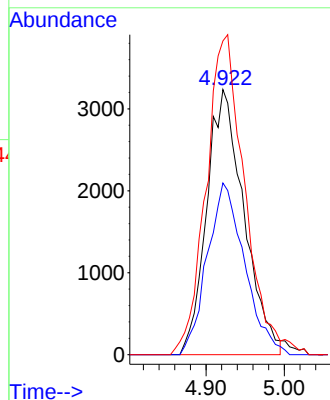
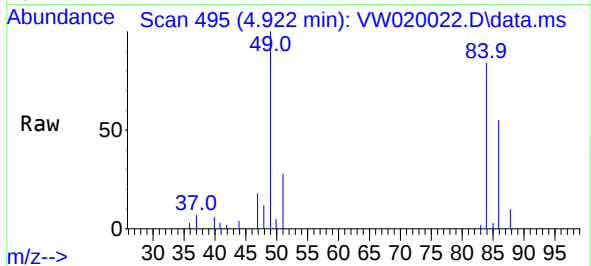
#16
Methylene chloride
Concen: 2.132 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Instrument :
MSVOA_W
ClientSampled :
MDL01

Tgt Ion:	84	Resp:	10712
Ion	Ratio	Lower	Upper
84	100		
86	64.8	45.3	84.1
49	118.4	86.6	160.8

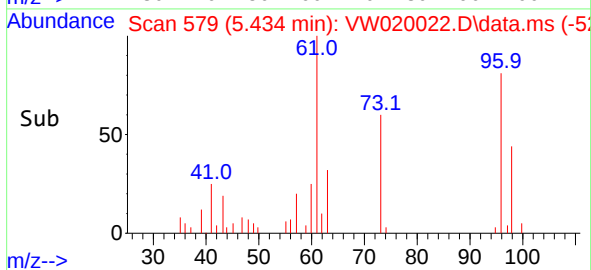
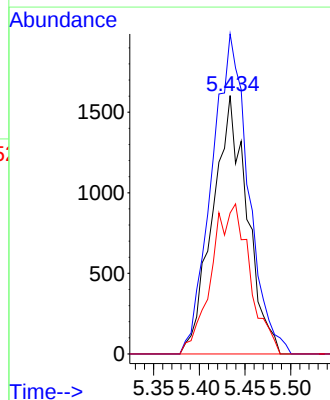
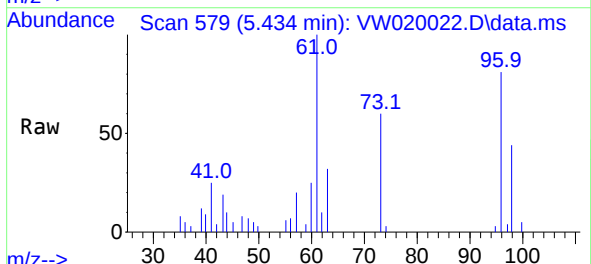
Manual Integrations
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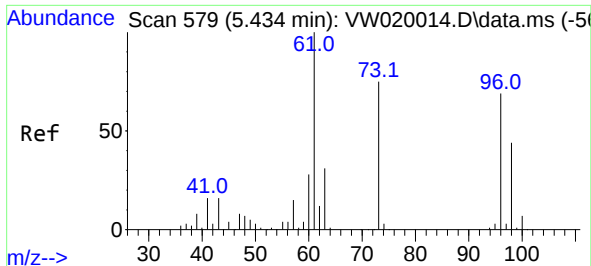
MMDadoda
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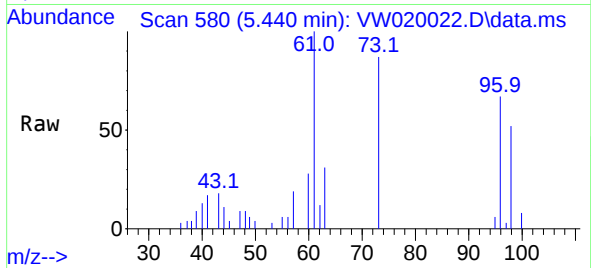
#17
trans-1,2-Dichloroethene
Concen: 1.034 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Tgt Ion:	96	Resp:	4214
Ion	Ratio	Lower	Upper
96	100		
61	123.8	98.3	182.7
98	54.6	46.1	85.7



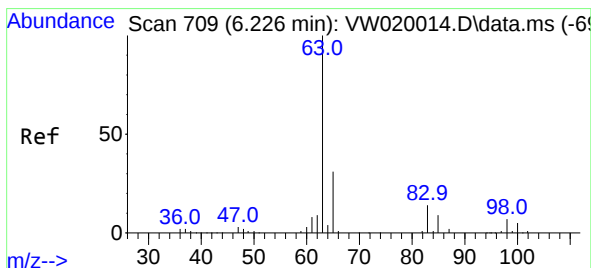
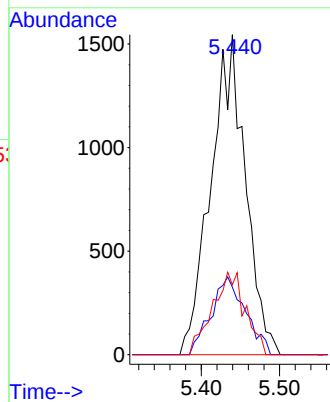
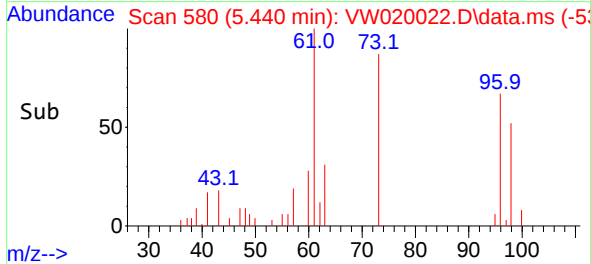


#18
Methyl tert-butyl Ether
Concen: 0.929 ug/L
RT: 5.440 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

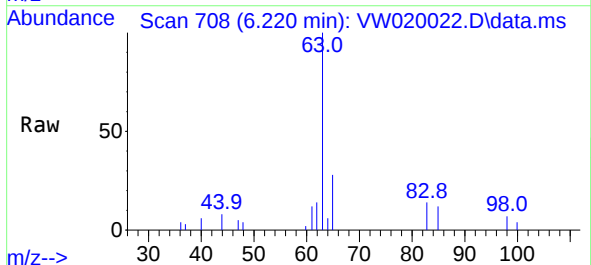


Tgt Ion: 73 Resp: 4731

Ion	Ratio	Lower	Upper
73	100		
43	14.9	17.7	26.5#
57	24.7	17.0	25.4

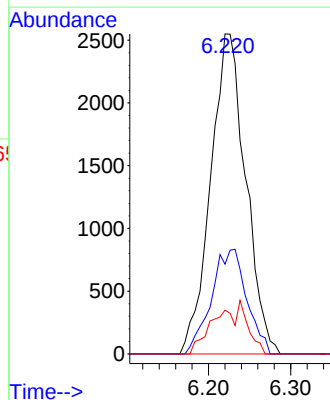
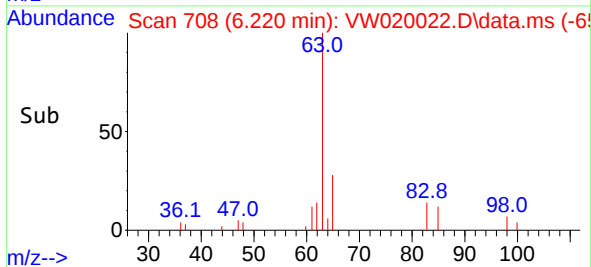


#19
1,1-Dichloroethane
Concen: 1.036 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07



Tgt Ion: 63 Resp: 7553

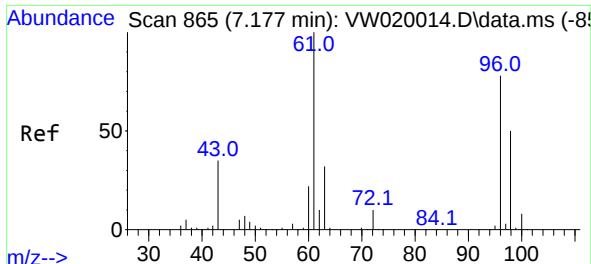
Ion	Ratio	Lower	Upper
63	100		
65	28.0	22.9	42.5
83	13.7	10.2	19.0



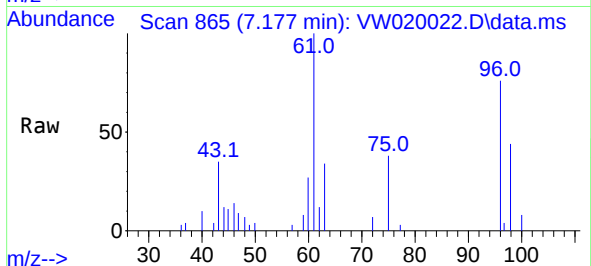
Instrument :
MSVOA_W
ClientSampled :
MDL01

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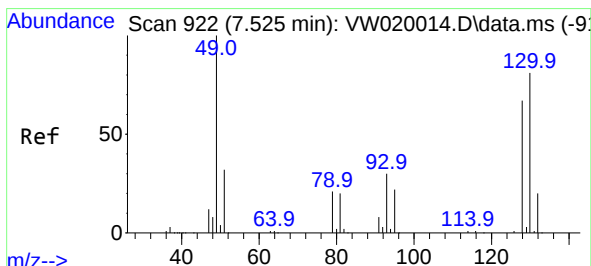
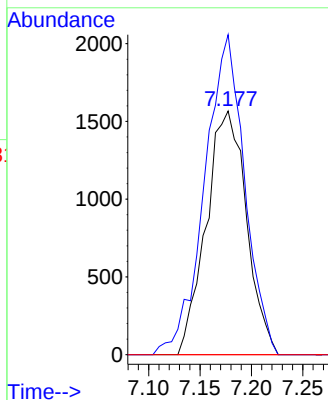
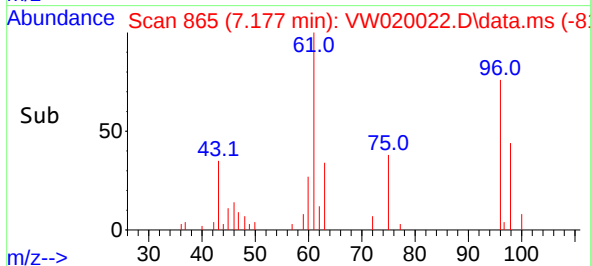


#20
cis-1,2-Dichloroethene
Concen: 1.015 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

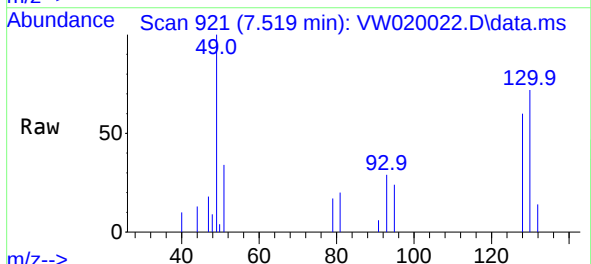


Tgt Ion: 96 Resp: 4273

Ion	Ratio	Lower	Upper
96	100		
61	125.3	88.5	164.3
68	0.0	0.0	0.0

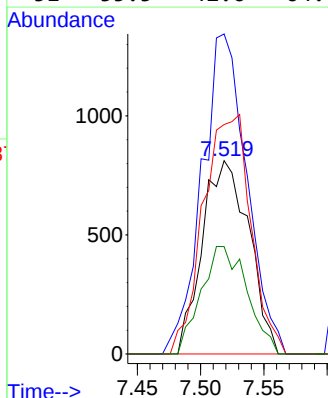
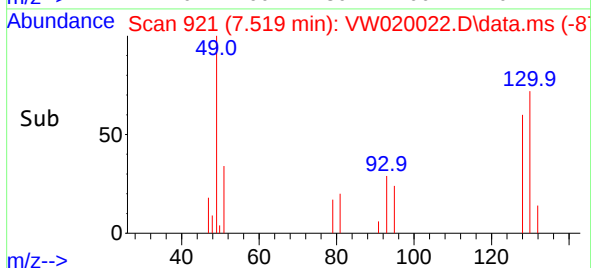


#23
Bromochloromethane
Concen: 1.068 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07



Tgt Ion: 128 Resp: 2082

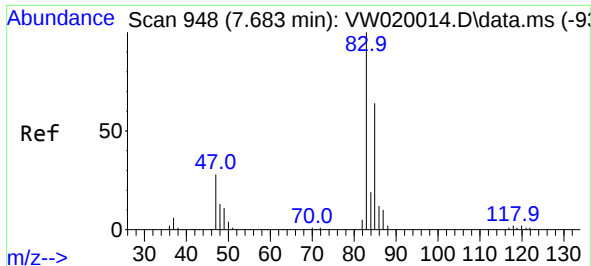
Ion	Ratio	Lower	Upper
128	100		
49	165.5	116.3	215.9
130	118.7	82.4	153.0
51	55.5	42.6	64.0



Instrument :
MSVOA_W
ClientSampled :
MDL01

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#25

Chloroform

Concen: 1.256 ug/L

RT: 7.689 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW020022.D

Acq: 14 Sep 2021 21:07

Tgt Ion: 83 Resp: 9623

Ion	Ratio	Lower	Upper
83	100		
85	58.0	44.6	82.8

Instrument :

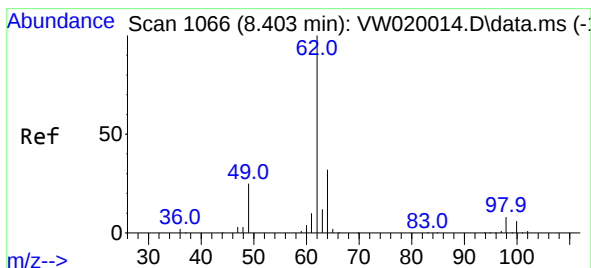
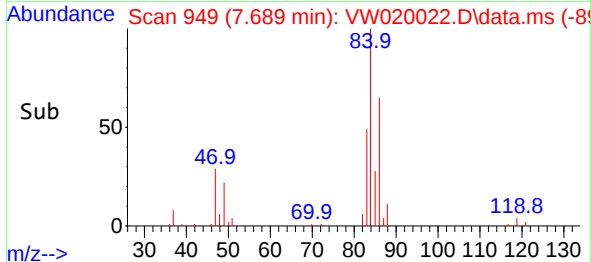
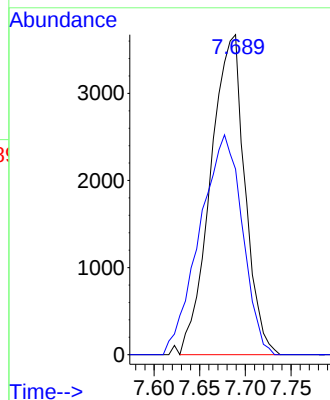
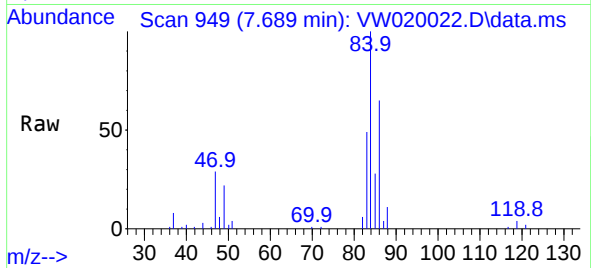
MSVOA_W

ClientSampleId :

MDL01

Manual Integrations
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#27

1,2-Dichloroethane

Concen: 1.084 ug/L

RT: 8.409 min Scan# 1067

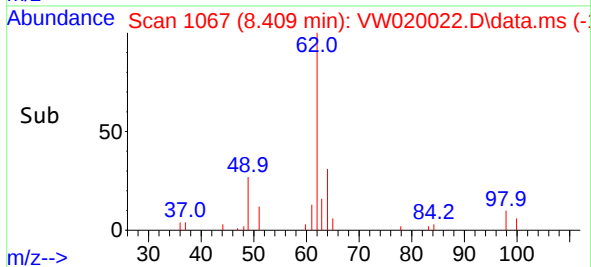
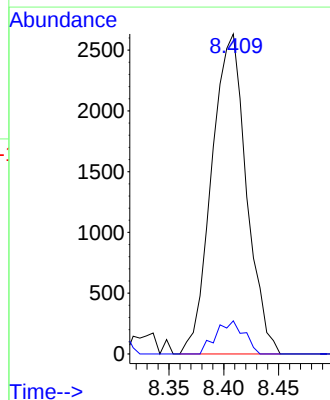
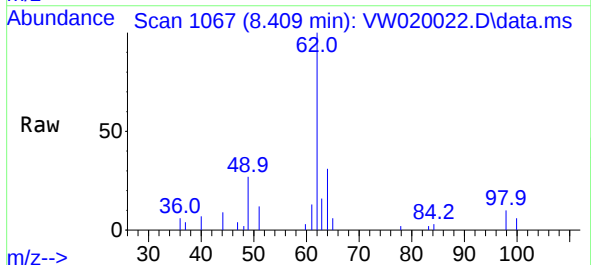
Delta R.T. 0.006 min

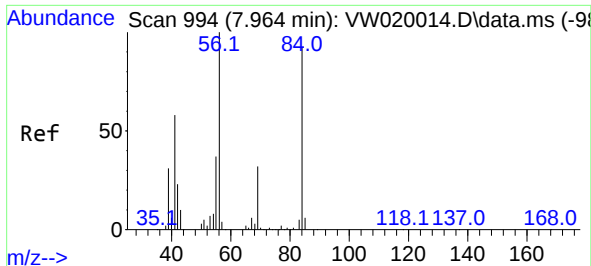
Lab File: VW020022.D

Acq: 14 Sep 2021 21:07

Tgt Ion: 62 Resp: 5808

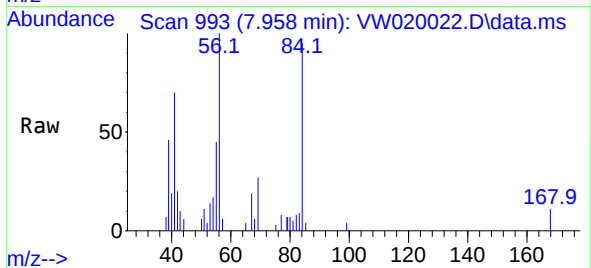
Ion	Ratio	Lower	Upper
62	100		
98	10.4	6.9	10.3#





#29
Cyclohexane
Concen: 0.782 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

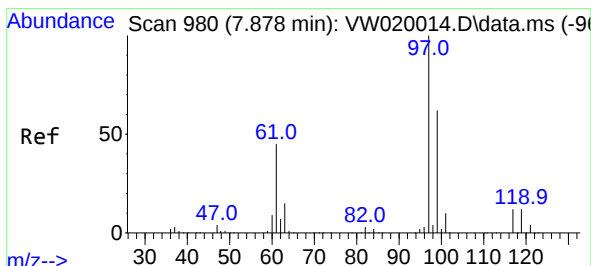
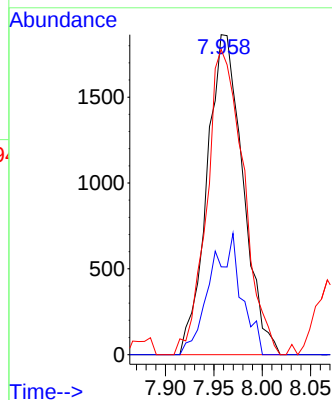
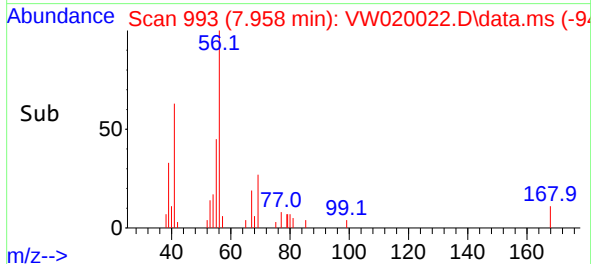
Instrument :
MSVOA_W
ClientSampled :
MDL01



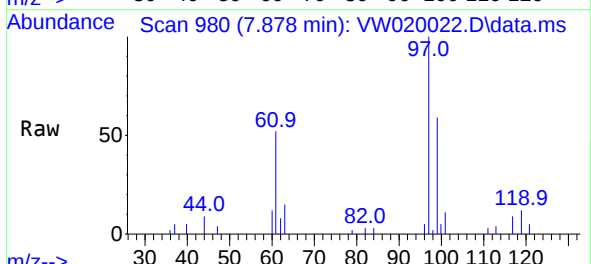
Tgt Ion: 56 Resp: 4807
Ion Ratio Lower Upper
56 100
69 20.0 24.5 36.7#
84 97.8 75.0 112.4

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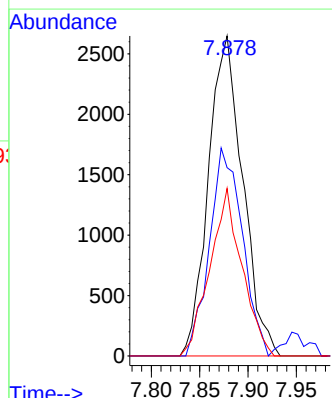
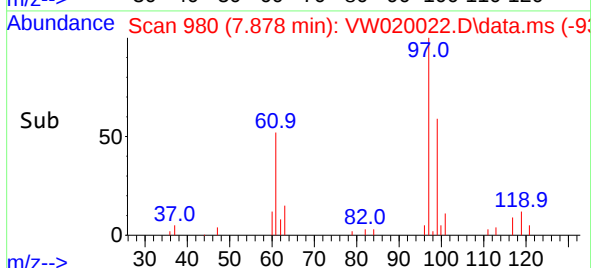
MMDadoda
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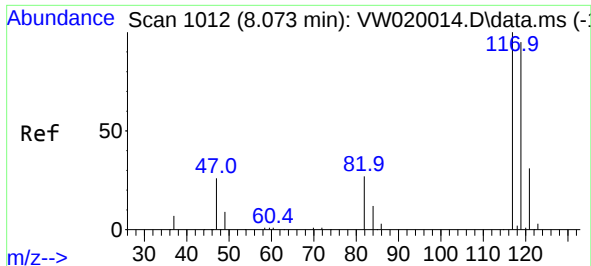


#30
1,1,1-Trichloroethane
Concen: 1.022 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07



Tgt Ion: 97 Resp: 6543
Ion Ratio Lower Upper
97 100
99 62.3 51.4 77.2
61 48.9 37.8 56.6





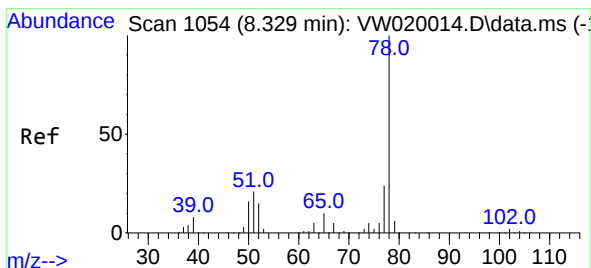
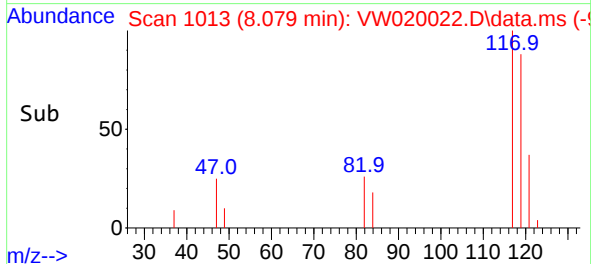
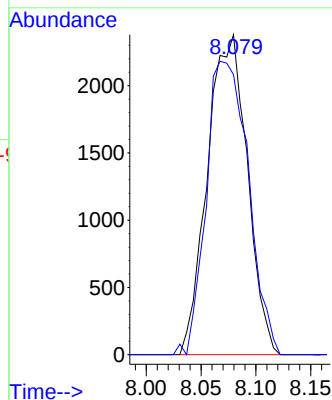
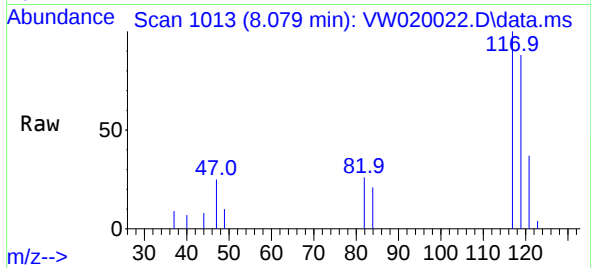
#31
Carbon tetrachloride
Concen: 1.006 ug/L
RT: 8.079 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Instrument :
MSVOA_W
ClientSampleId :
MDL01

Tgt Ion:117 Resp: 6008
Ion Ratio Lower Upper
117 100
119 96.4 76.5 114.7

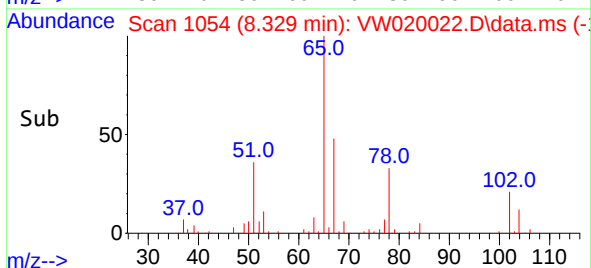
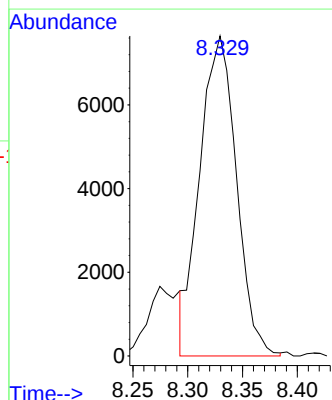
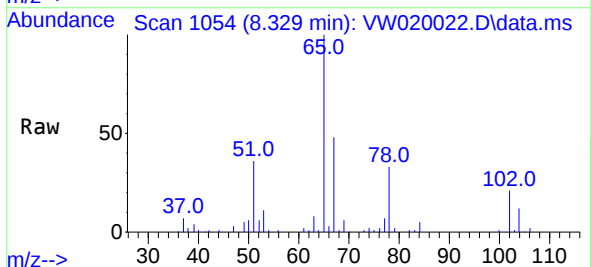
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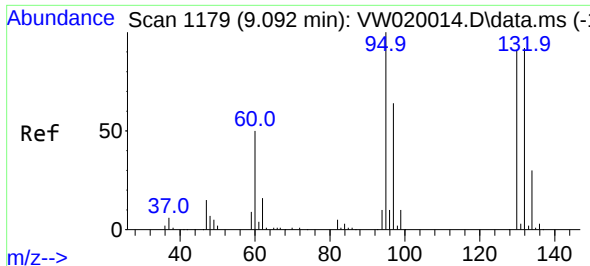
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#33
Benzene
Concen: 1.081 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Tgt Ion: 78 Resp: 17763





#34
Trichloroethene
Concen: 1.021 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

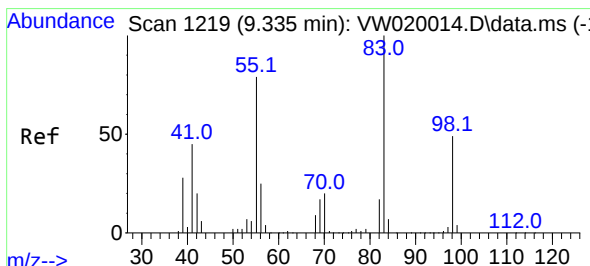
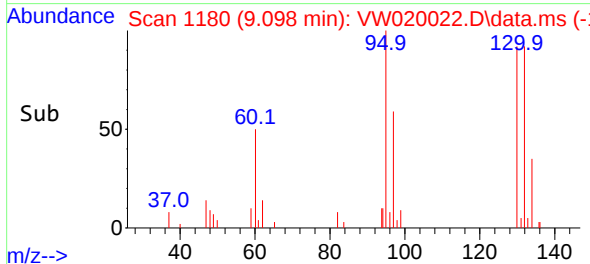
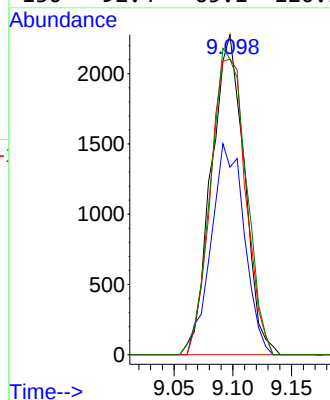
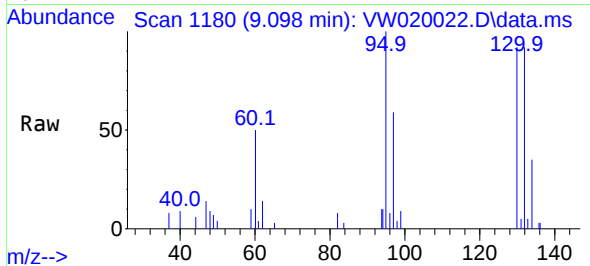
Tgt Ion: 95 Resp: 4445

Ion	Ratio	Lower	Upper
95	100		
97	58.6	47.3	87.8
132	92.4	71.0	131.8
130	92.4	65.1	120.9

Instrument :
MSVOA_W
ClientSampled :
MDL01

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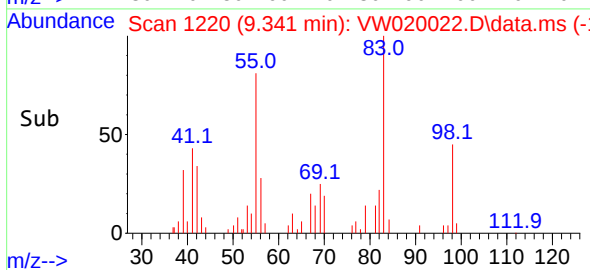
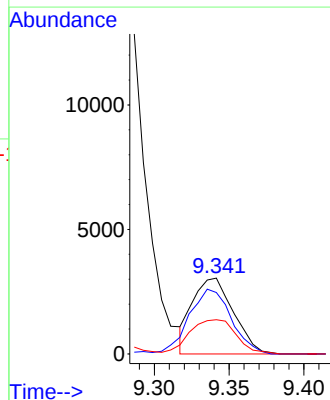
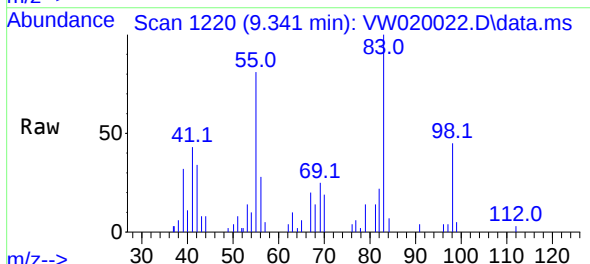
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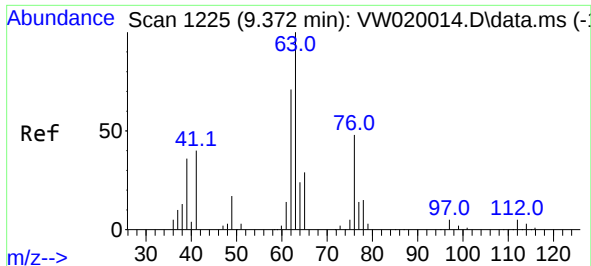


#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Tgt Ion: 83 Resp: 5784

Ion	Ratio	Lower	Upper
83	100		
55	88.5	58.9	88.3#
98	51.7	40.1	60.1





#37

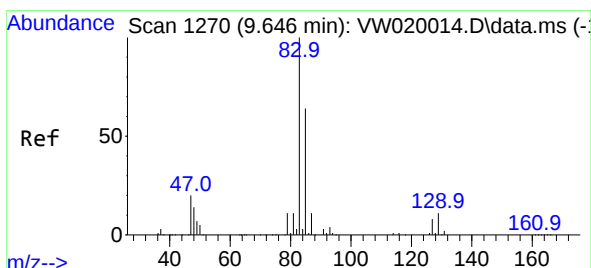
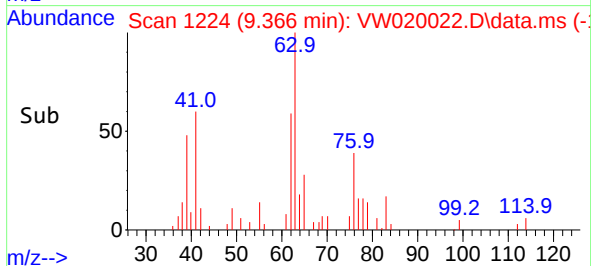
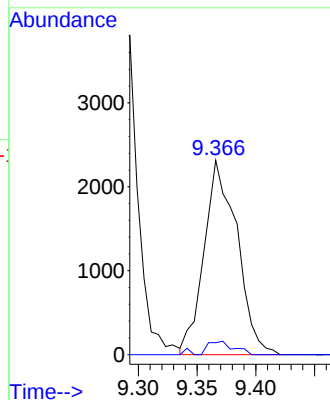
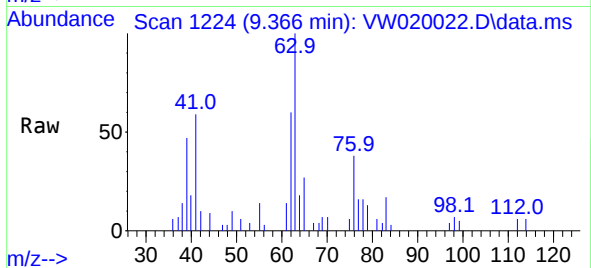
1,2-Dichloropropane
Concen: 1.136 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Tgt Ion: 63 Resp: 4522
Ion Ratio Lower Upper
63 100
112 4.2 3.9 5.9

Instrument :
MSVOA_W
ClientSampled :
MDL01

Manual Integrations
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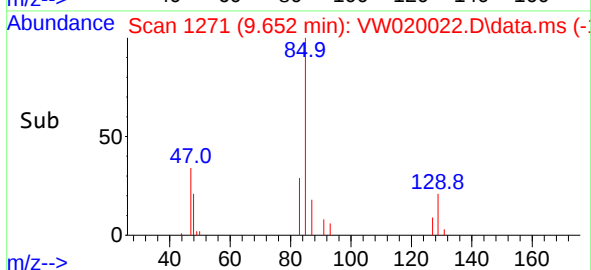
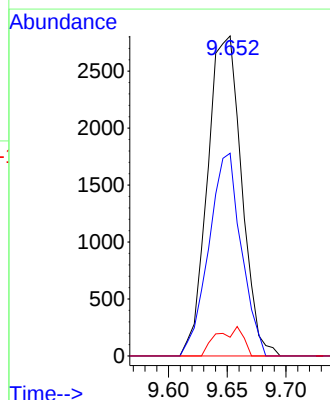
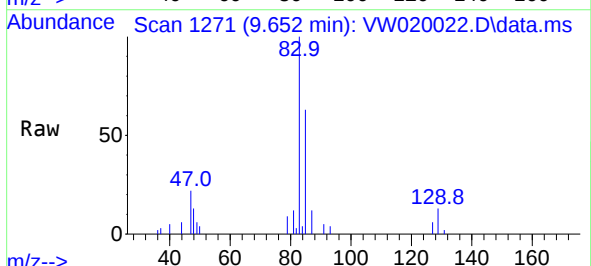
MMDadoda
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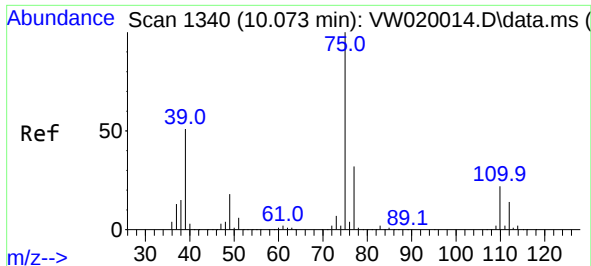


#38

Bromodichloromethane
Concen: 1.056 ug/L
RT: 9.652 min Scan# 1271
Delta R.T. 0.006 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

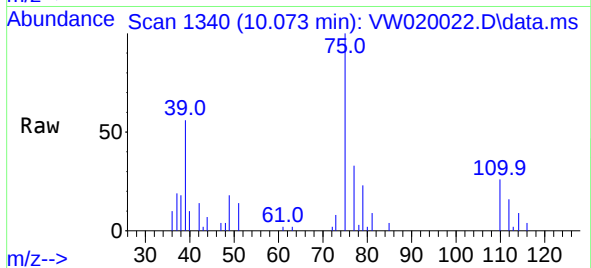
Tgt Ion: 83 Resp: 5670
Ion Ratio Lower Upper
83 100
85 63.3 42.3 78.5
127 5.9 6.6 9.8#





#39
cis-1,3-Dichloropropene
Concen: 0.963 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.006 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

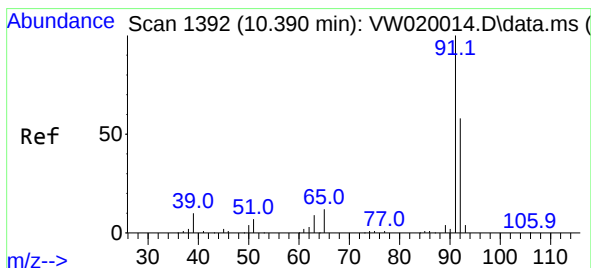
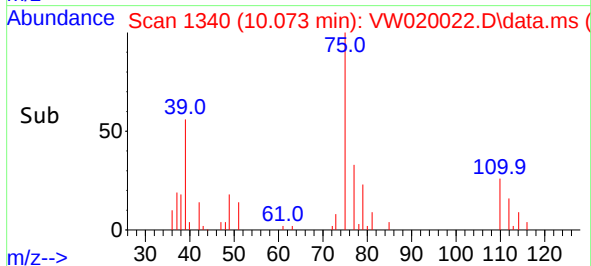
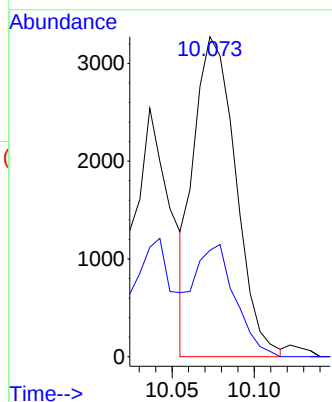
Instrument :
MSVOA_W
ClientSampled :
MDL01



Tgt Ion: 75 Resp: 5786
Ion Ratio Lower Upper
75 100
77 33.2 22.6 42.0

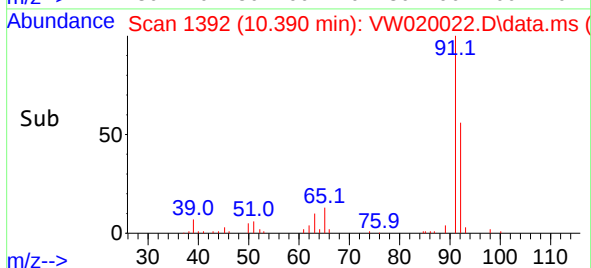
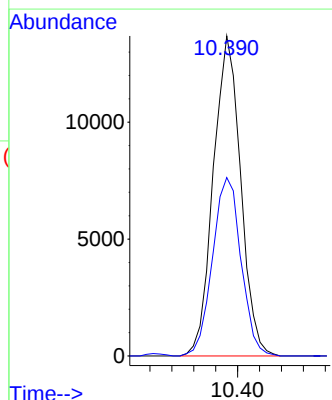
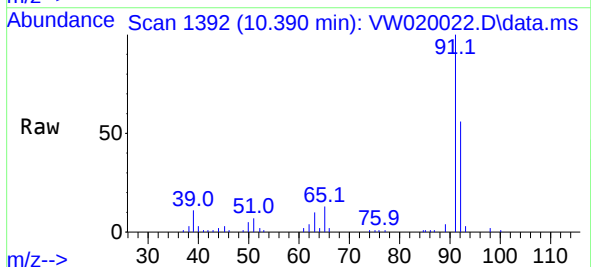
Manual Integrations
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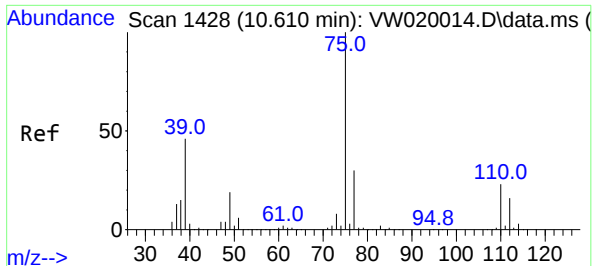
MMDadoda
9/17/2021 2:31:22 PM



#42
Toluene
Concen: 1.353 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

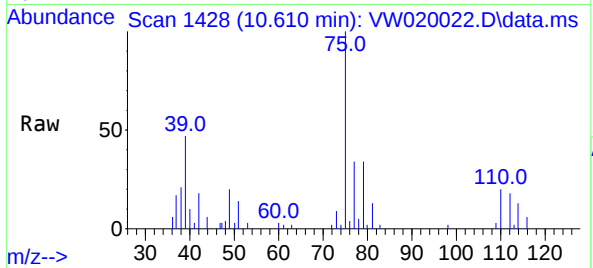
Tgt Ion: 91 Resp: 23731
Ion Ratio Lower Upper
91 100
92 55.8 39.5 73.3





#44
trans-1,3-Dichloropropene
Concen: 1.400 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

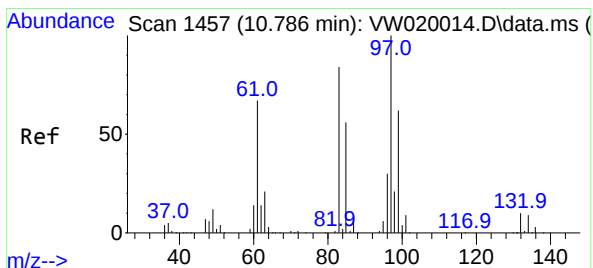
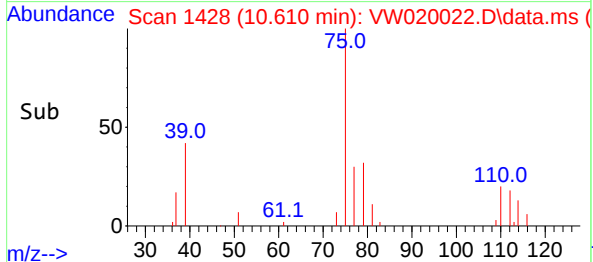
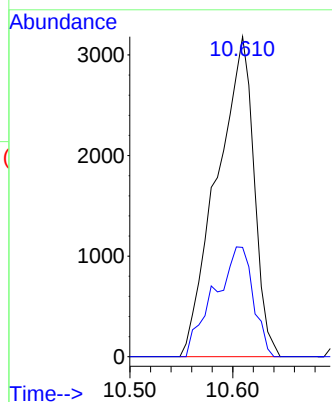
Instrument :
MSVOA_W
ClientSampled :
MDL01



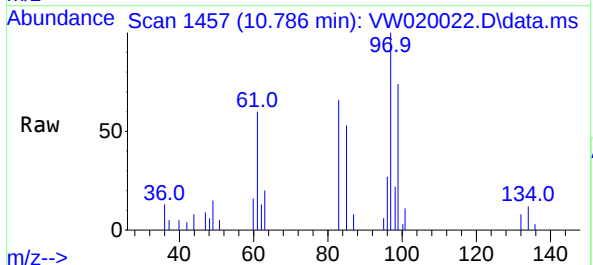
Tgt Ion: 75 Resp: 7963
Ion Ratio Lower Upper
75 100
77 34.2 21.1 39.1

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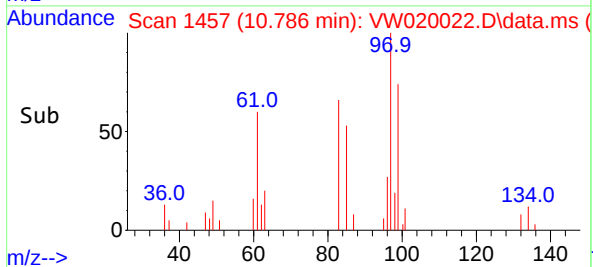
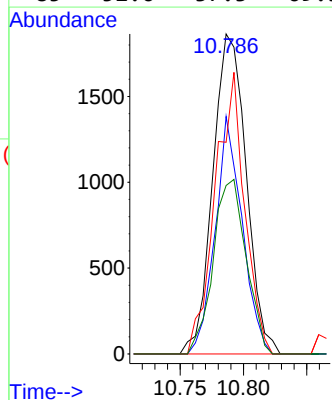
MMDadoda
9/17/2021 2:31:22 PM

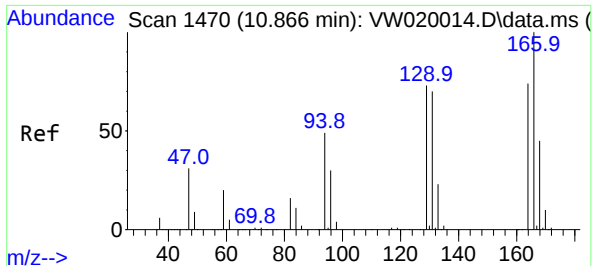


#45
1,1,2-Trichloroethane
Concen: 1.073 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07



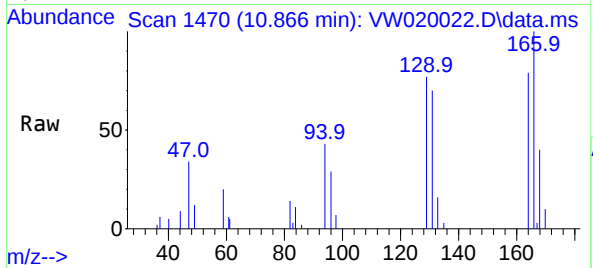
Tgt Ion: 97 Resp: 3416
Ion Ratio Lower Upper
97 100
99 74.2 45.1 83.7
83 66.1 58.1 107.9
85 52.6 37.3 69.3





#46
Tetrachloroethene
Concen: 1.044 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Instrument :
MSVOA_W
ClientSampled :
MDL01

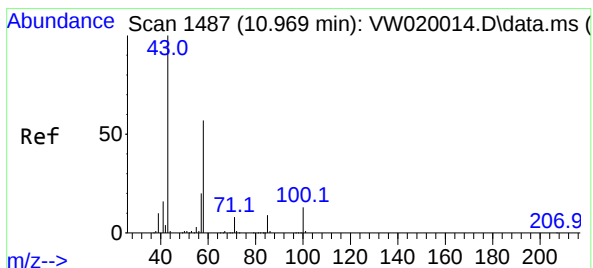
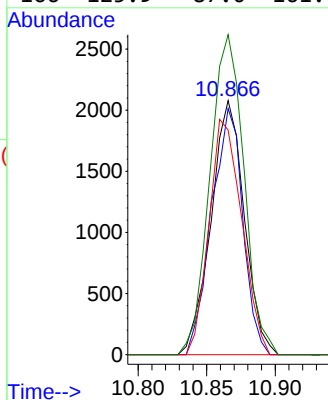
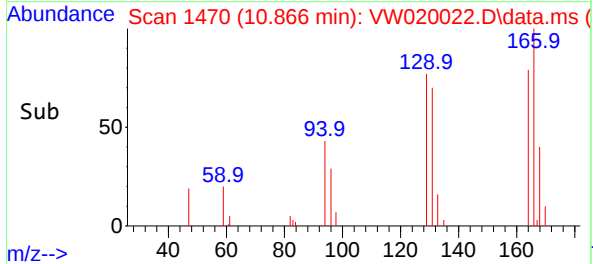


Tgt Ion:164 Resp: 3517

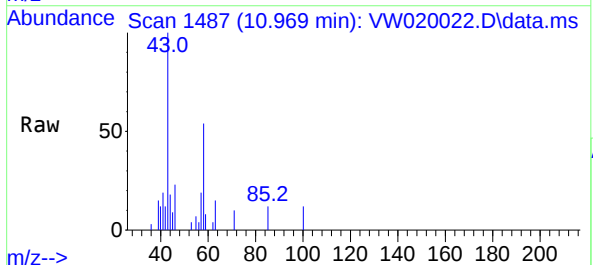
Ion	Ratio	Lower	Upper
164	100		
129	96.8	66.7	123.9
131	88.4	61.1	113.5
166	125.9	87.0	161.6

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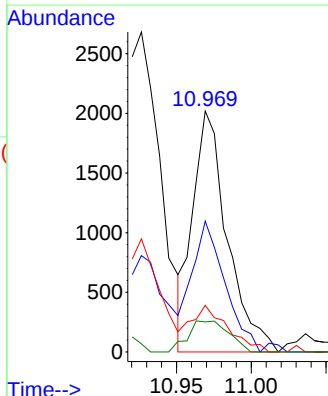
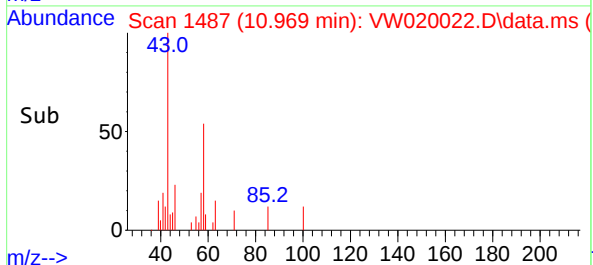


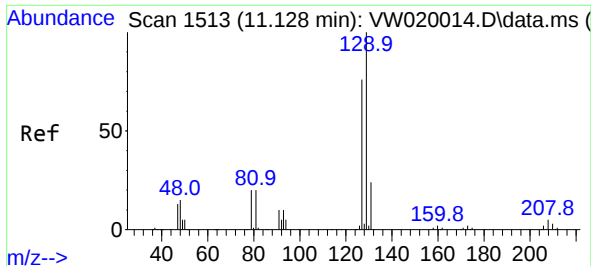
#48
2-Hexanone
Concen: 1.593 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07



Tgt Ion: 43 Resp: 3242

Ion	Ratio	Lower	Upper
43	100		
58	52.3	42.7	64.1
57	20.9	15.8	23.8
100	15.2	10.0	15.0#





#49

Dibromochloromethane

Concen: 1.010 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW020022.D

Acq: 14 Sep 2021 21:07

Tgt Ion:129 Resp: 3693

Ion Ratio Lower Upper

129 100

127 68.1 51.7 95.9

Instrument :

MSVOA_W

ClientSampled :

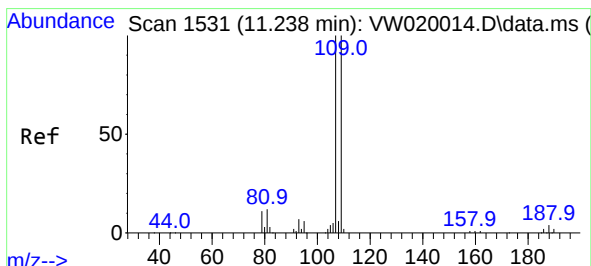
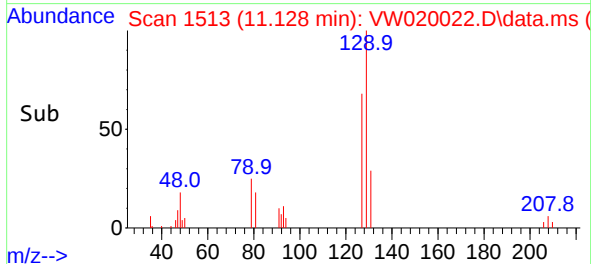
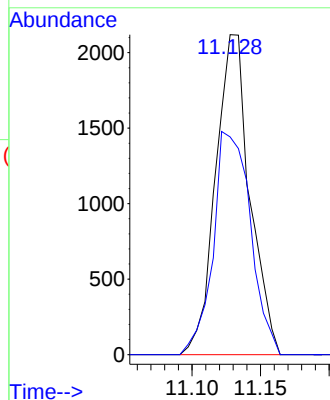
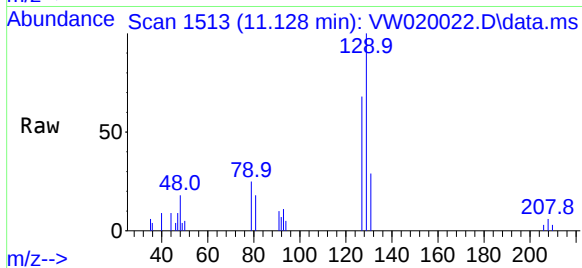
MDL01

Manual Integrations

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MMDadoda

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#50

1,2-Dibromoethane

Concen: 0.947 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.000 min

Lab File: VW020022.D

Acq: 14 Sep 2021 21:07

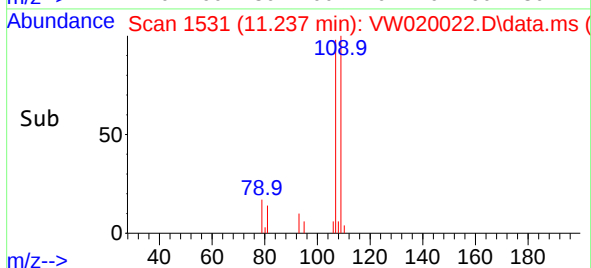
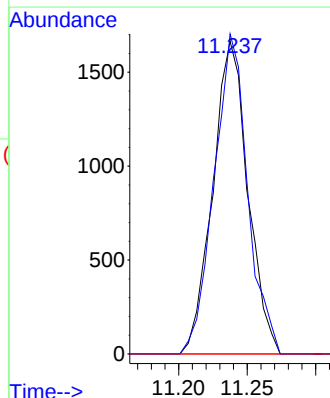
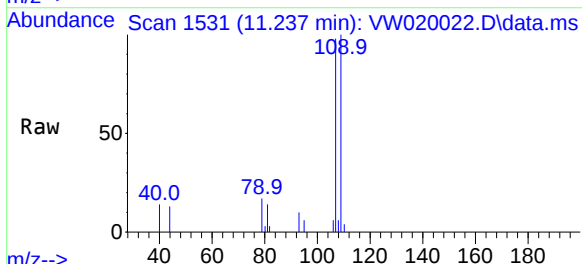
Tgt Ion:107 Resp: 2963

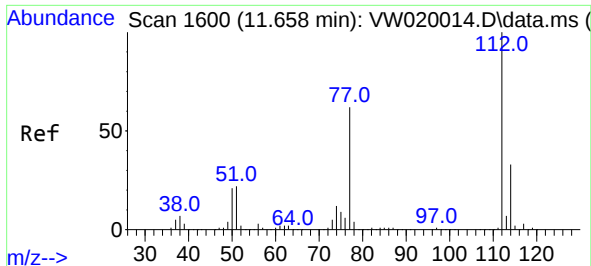
Ion Ratio Lower Upper

107 100

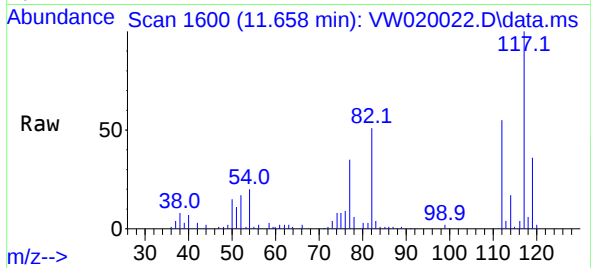
109 102.4 65.4 121.4

188 0.0 2.6 4.0#

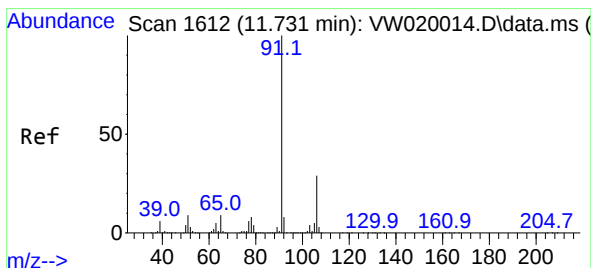
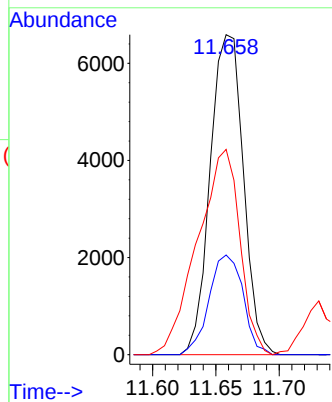
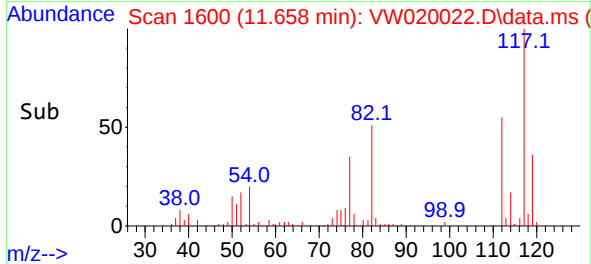




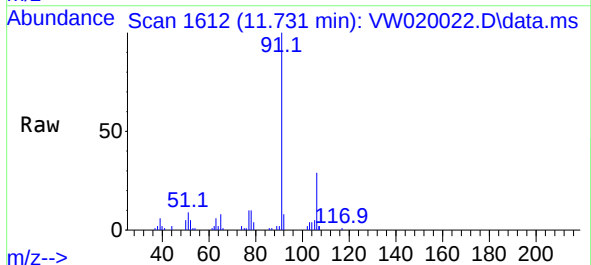
#51
Chlorobenzene
Concen: 1.059 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07



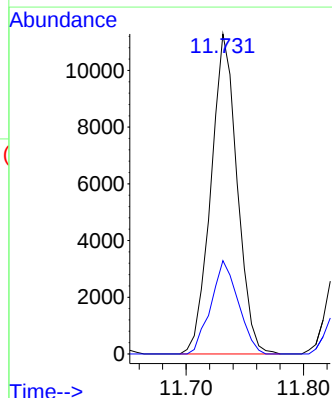
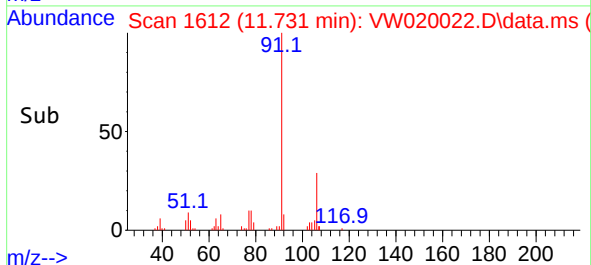
Tgt Ion: 112 Resp: 12045
Ion Ratio Lower Upper
112 100
114 31.2 23.4 43.6
77 64.2 47.6 71.4



#52
Ethylbenzene
Concen: 0.916 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07



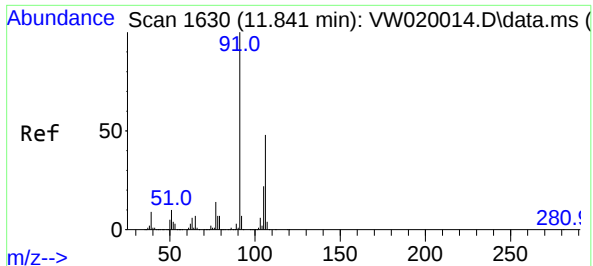
Tgt Ion: 91 Resp: 17535
Ion Ratio Lower Upper
91 100
106 29.2 22.5 41.7



Instrument :
MSVOA_W
ClientSampled :
MDL01

Manual Integrations
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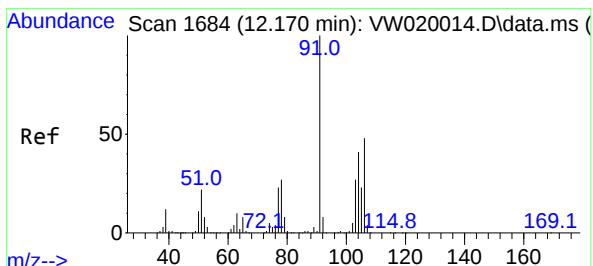
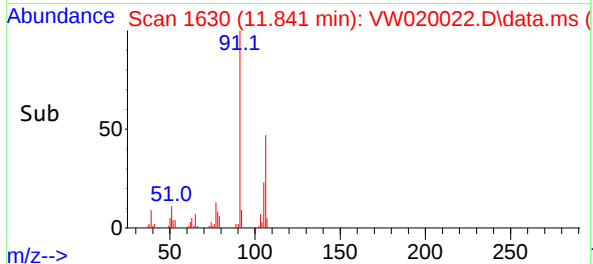
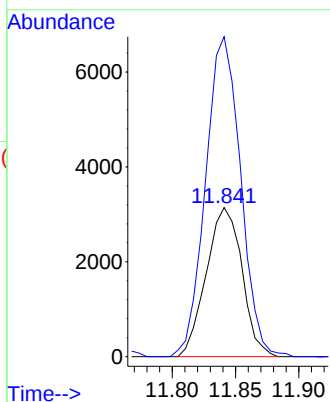
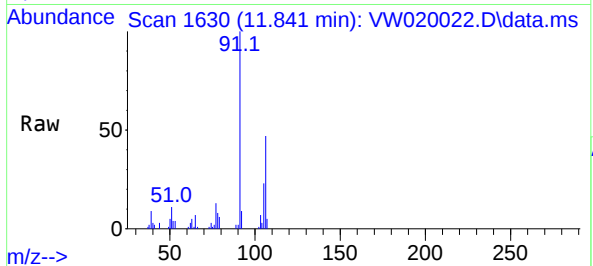
#53
m,p-Xylene
Concen: 0.847 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Instrument :
MSVOA_W
ClientSampleId :
MDL01

Tgt Ion:106 Resp: 6172
Ion Ratio Lower Upper
106 100
91 214.5 141.3 262.3

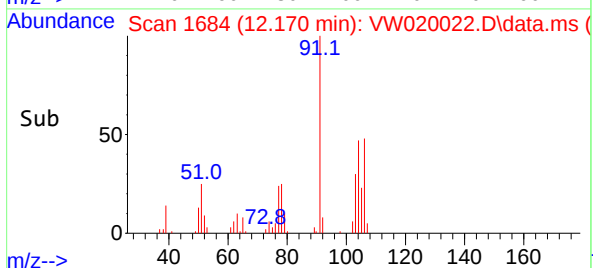
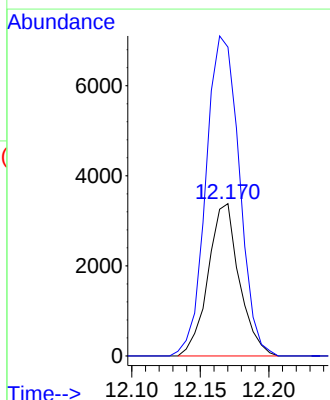
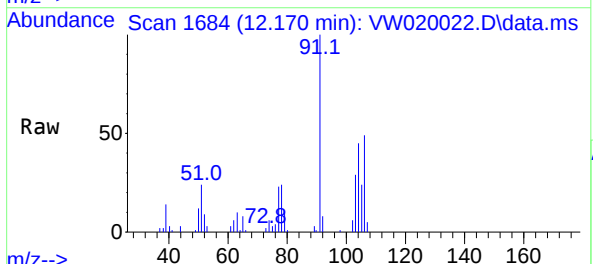
Manual Integrations
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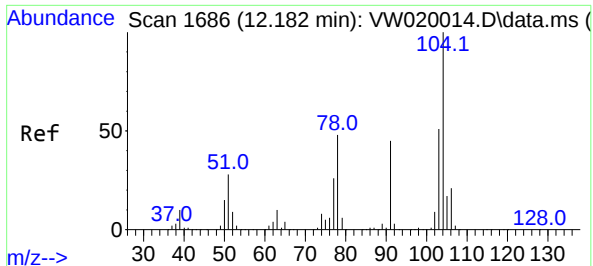
MMDadoda
9/17/2021 2:31:22 PM



#54
o-Xylene
Concen: 0.778 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Tgt Ion:106 Resp: 5349
Ion Ratio Lower Upper
106 100
91 202.7 150.0 278.6





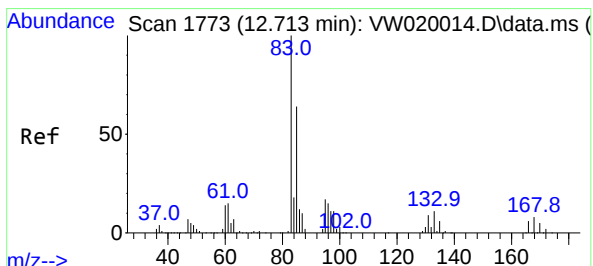
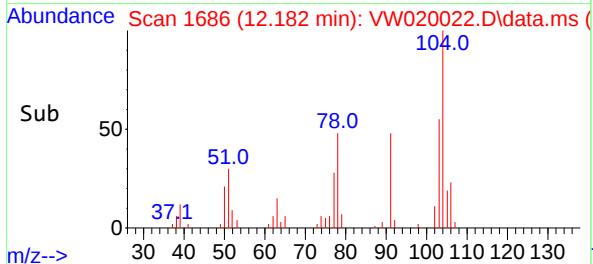
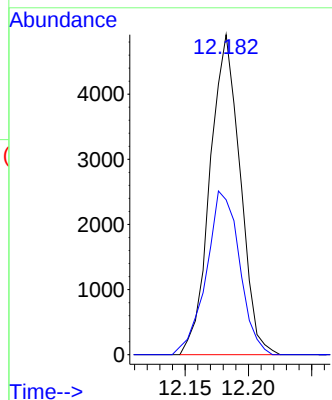
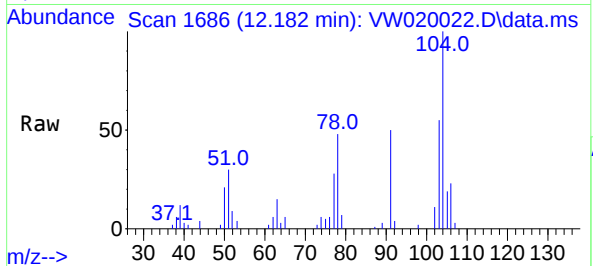
#55
Styrene
Concen: 0.689 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Instrument :
MSVOA_W
ClientSampleId :
MDL01

Tgt Ion:104 Resp: 8141
Ion Ratio Lower Upper
104 100
78 48.4 32.5 60.3

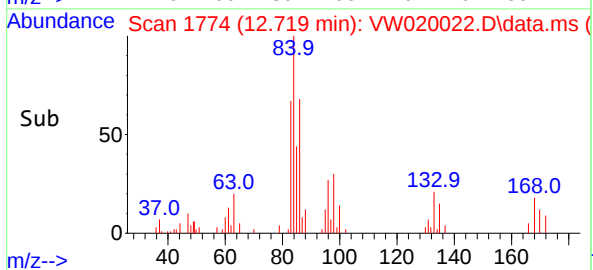
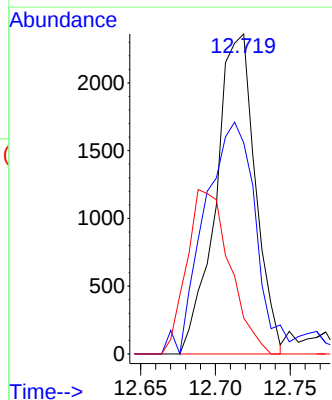
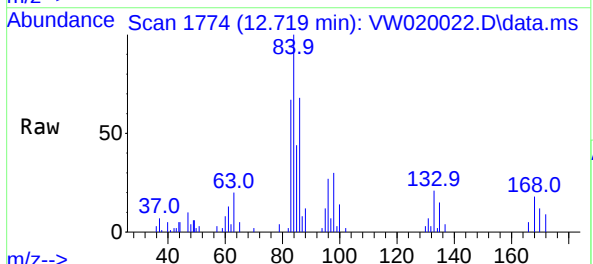
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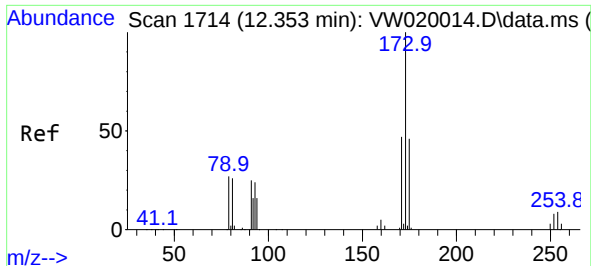
MMDadoda
9/17/2021 2:31:22 PM



#57
1,1,2,2-Tetrachloroethane
Concen: 1.041 ug/L
RT: 12.719 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

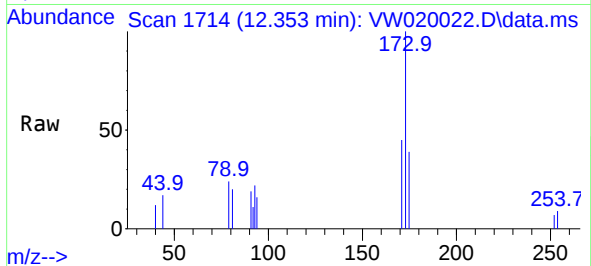
Tgt Ion: 83 Resp: 4342
Ion Ratio Lower Upper
83 100
85 66.0 44.4 82.4
131 11.2 8.2 12.4





#59
Bromoform
Concen: 1.027 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

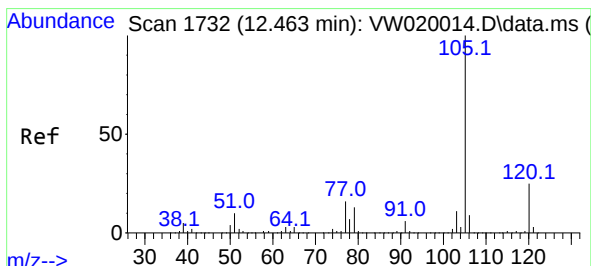
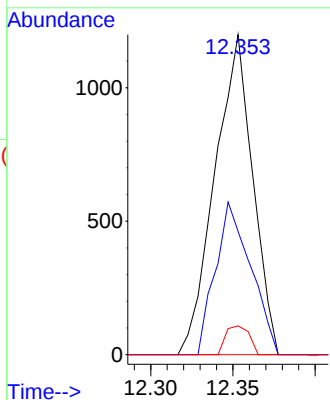
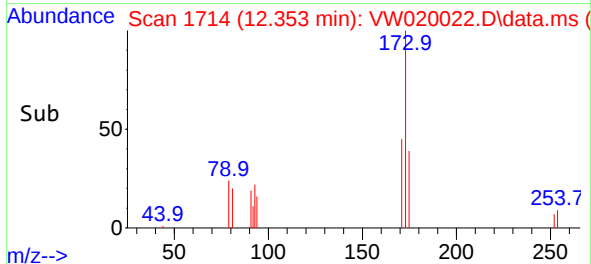
Instrument :
MSVOA_W
ClientSampled :
MDL01



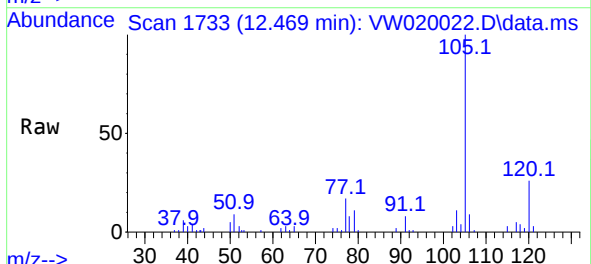
Tgt Ion:173 Resp: 1919
Ion Ratio Lower Upper
173 100
175 44.5 37.5 56.3
254 5.6 7.0 10.4#

Manual Integrations
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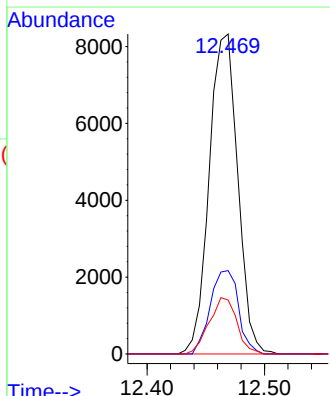
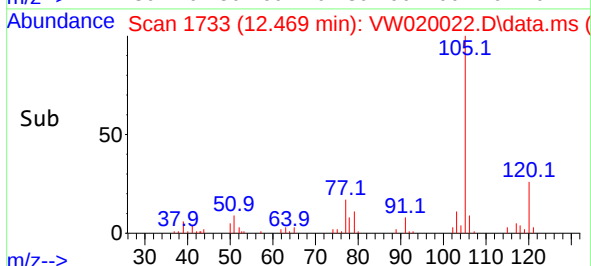
MMDadoda
9/17/2021 2:31:22 PM

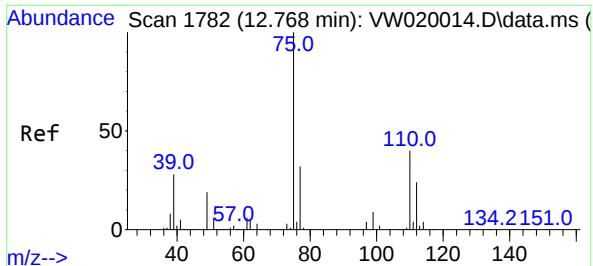


#60
Isopropylbenzene
Concen: 0.858 ug/L
RT: 12.469 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07



Tgt Ion:105 Resp: 14059
Ion Ratio Lower Upper
105 100
120 25.8 21.1 31.7
77 17.1 13.2 19.8





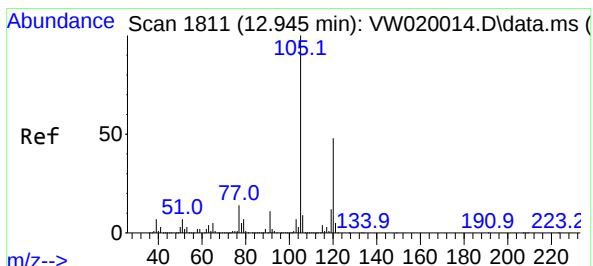
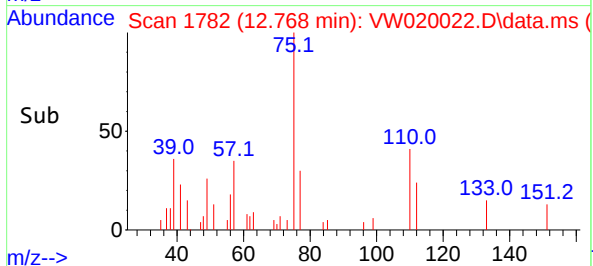
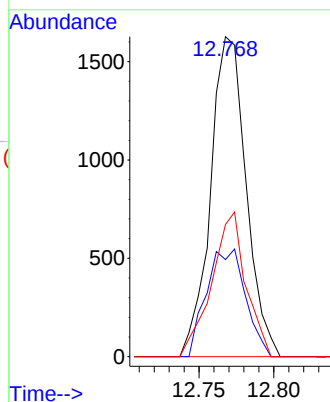
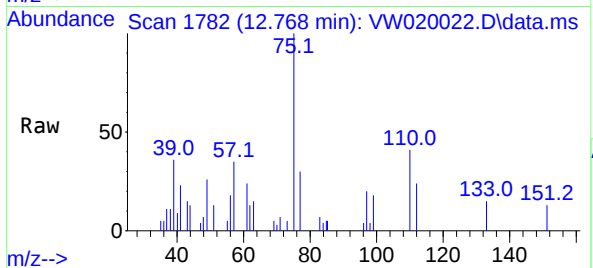
#61
1,2,3-Trichloropropane
Concen: 0.933 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Tgt Ion:	75	Resp:	2694
Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.3	37.9
110	43.3	32.6	48.8

Instrument :
MSVOA_W
ClientSampleId :
MDL01

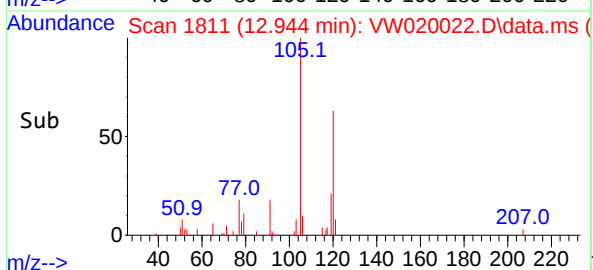
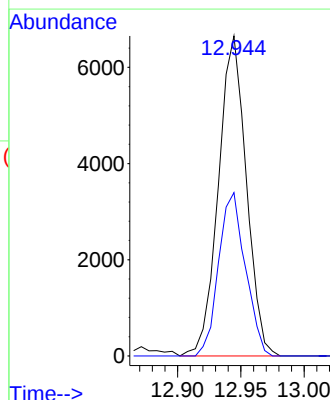
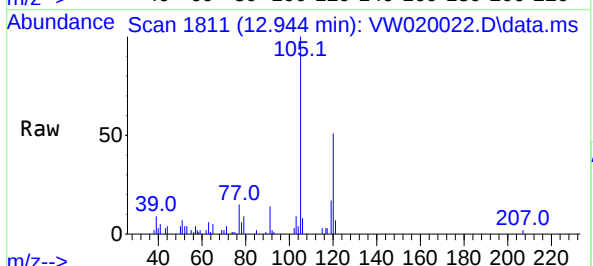
Manual Integrations
APPROVED

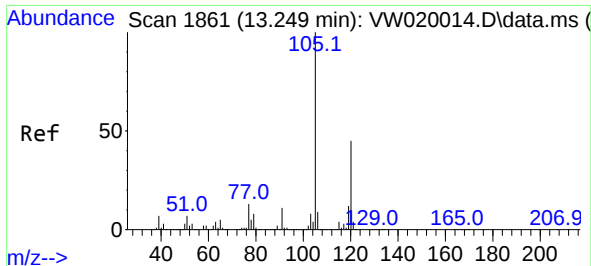
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#62
1,3,5-Trimethylbenzene
Concen: 0.766 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

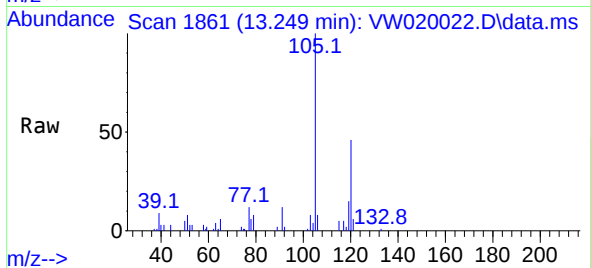
Tgt Ion:	105	Resp:	10205
Ion	Ratio	Lower	Upper
105	100		
120	48.9	39.0	58.6





#63
1,2,4-Trimethylbenzene
Concen: 0.841 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

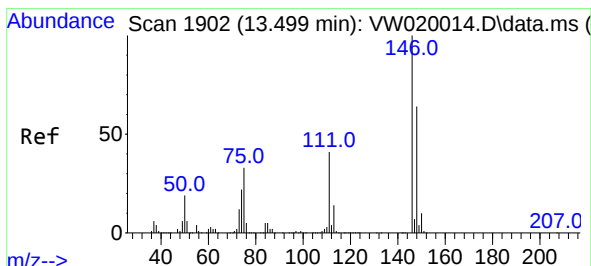
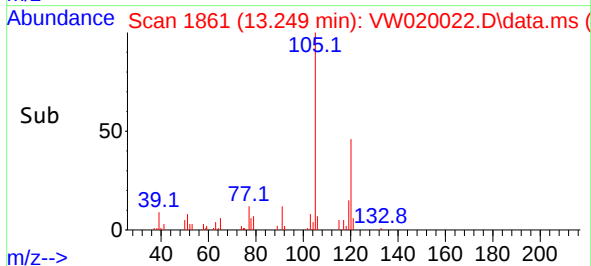
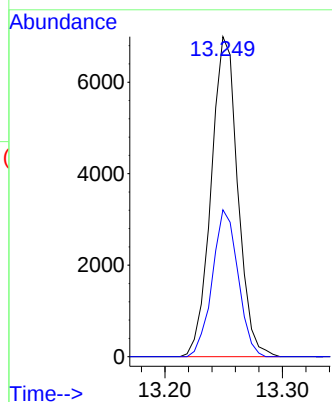
Instrument :
MSVOA_W
ClientSampleId :
MDL01



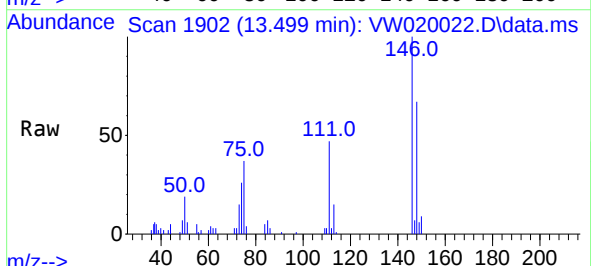
Tgt Ion:105 Resp: 11002
Ion Ratio Lower Upper
105 100
120 44.3 35.6 53.4

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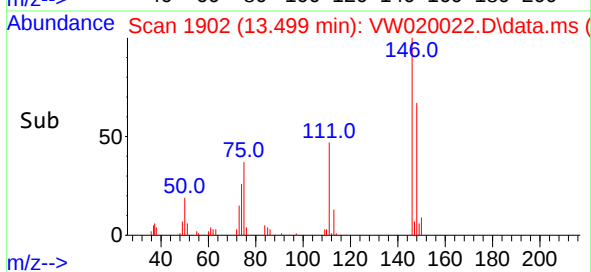
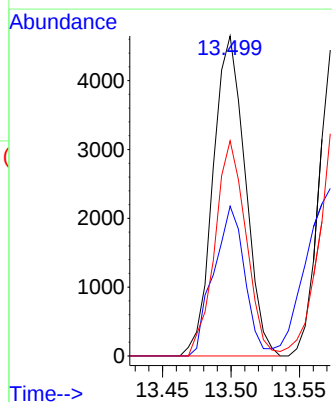
MMDadoda
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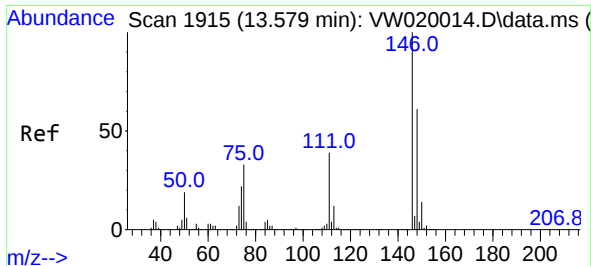


#64
1,3-Dichlorobenzene
Concen: 1.007 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07



Tgt Ion:146 Resp: 7583
Ion Ratio Lower Upper
146 100
111 46.8 26.7 49.7
148 67.3 41.1 76.3





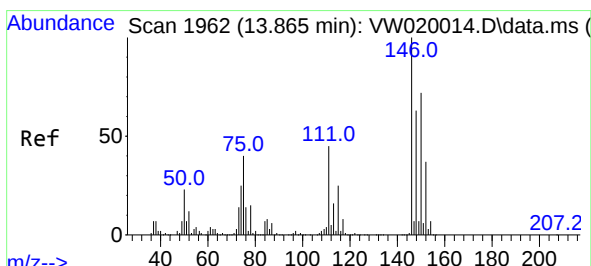
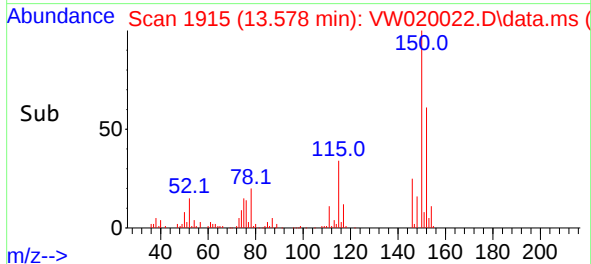
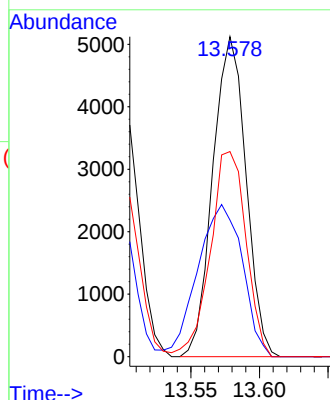
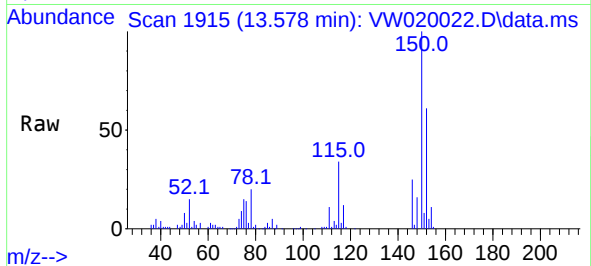
#65
1,4-Dichlorobenzene
Concen: 1.123 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

Instrument :
MSVOA_W
ClientSampleId :
MDL01

Tgt Ion:	146	Resp:	8620
Ion Ratio	Lower	Upper	
146	100		
111	42.7	28.8	53.4
148	64.1	46.8	87.0

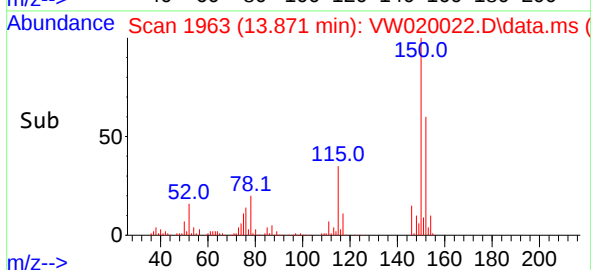
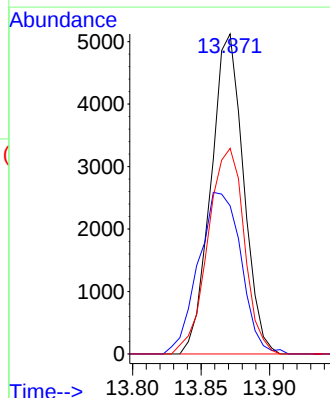
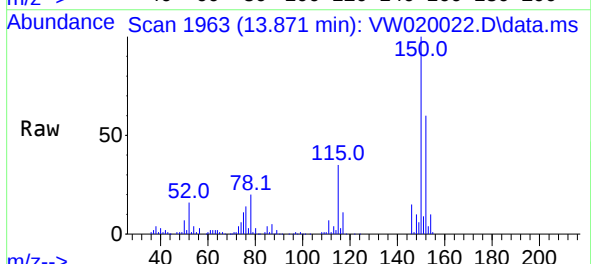
Manual Integrations
APPROVED

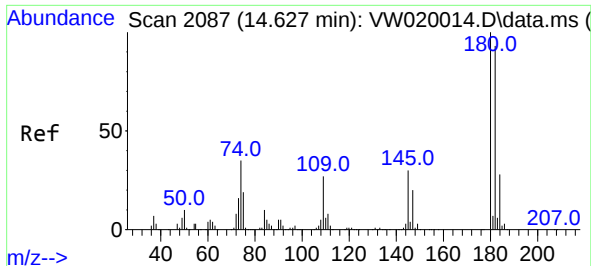
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#67
1,2-Dichlorobenzene
Concen: 1.231 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

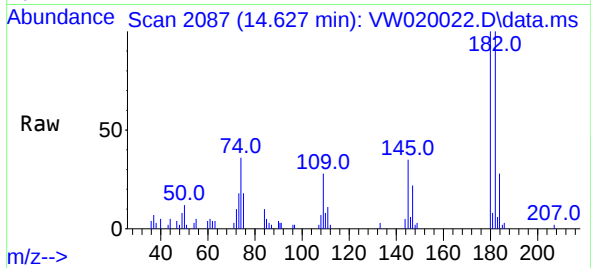
Tgt Ion:	146	Resp:	8450
Ion Ratio	Lower	Upper	
146	100		
111	46.3	33.2	49.8
148	64.2	50.4	75.6





#69
1,3,5-Trichlorobenzene
Concen: 1.083 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

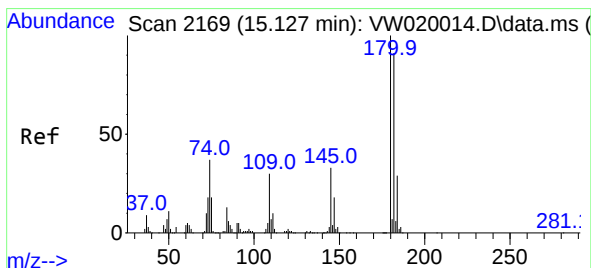
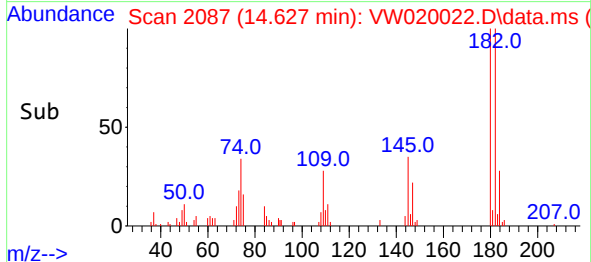
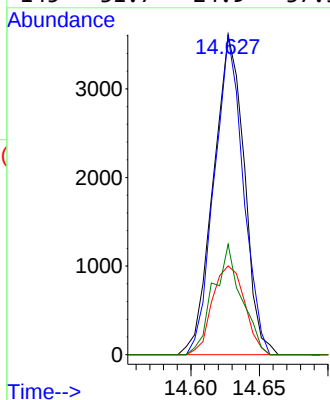
Instrument :
MSVOA_W
ClientSampled :
MDL01



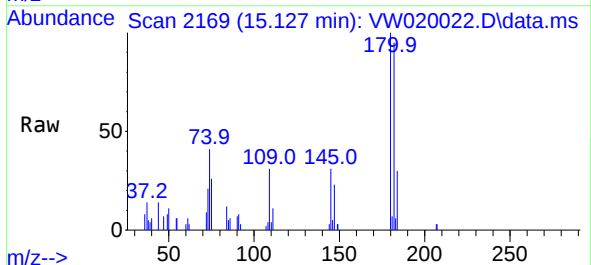
Tgt Ion:	180	Resp:	5643
Ion Ratio	Lower	Upper	
180	100		
182	93.5	73.4	110.2
184	29.2	23.6	35.4
145	31.7	24.9	37.3

Manual Integrations
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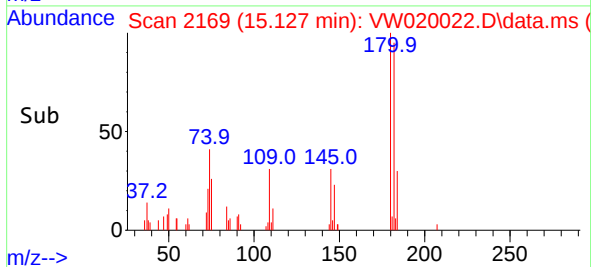
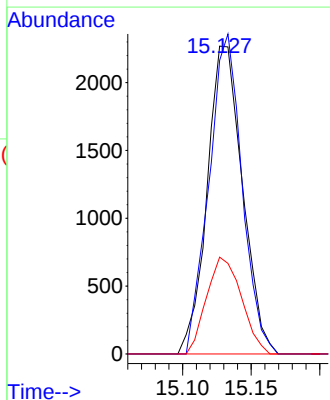
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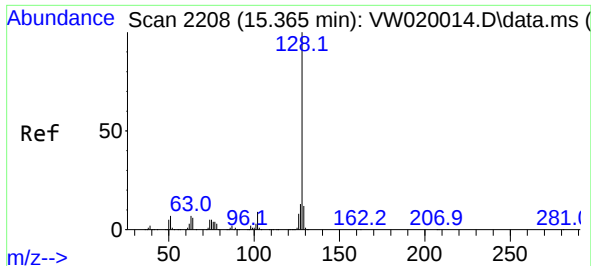


#70
1,2,4-trichlorobenzene
Concen: 0.998 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07



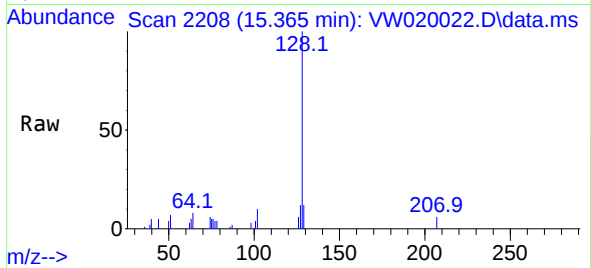
Tgt Ion:	180	Resp:	4071
Ion Ratio	Lower	Upper	
180	100		
182	97.1	74.7	112.1
145	31.0	25.0	37.4





#71
Naphthalene
Concen: 0.811 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07

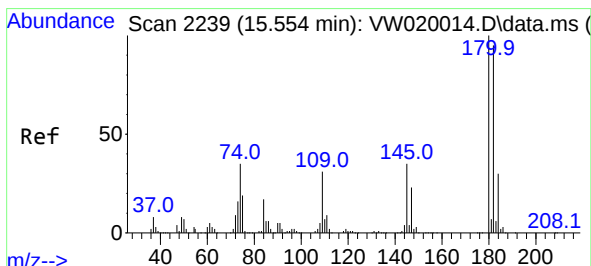
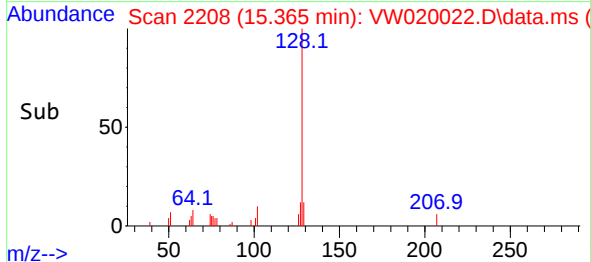
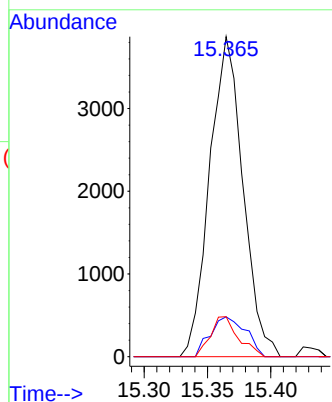
Instrument :
MSVOA_W
ClientSampled :
MDL01



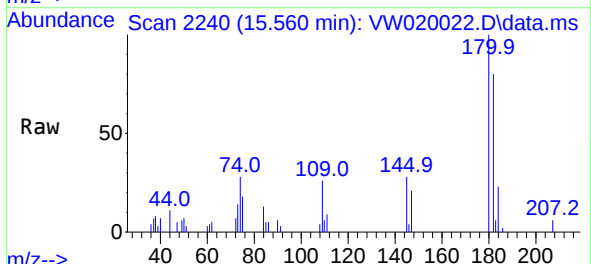
Tgt Ion:	128	Resp:	7069
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	10.5	9.0	13.6

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 1.047 ug/L
RT: 15.560 min Scan# 2240
Delta R.T. 0.006 min
Lab File: VW020022.D
Acq: 14 Sep 2021 21:07



Tgt Ion:	180	Resp:	4009
Ion Ratio	Lower	Upper	
180	100		
182	84.5	76.7	115.1
145	32.6	28.9	43.3

