

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122023\
 Data File : VW027812.D
 Acq On : 20 Dec 2023 17:03
 Operator : SY/MD
 Sample : 05835-20RE
 Misc : 3.86g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B24RE

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023

Quant Time: Dec 20 23:17:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	67000	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	60631	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	25309	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	17915	18.880	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.520%		
7) Chloroethane-d5	2.899	69	15741	21.306	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.240%		
11) 1,1-Dichloroethene-d2	4.027	65	7293	19.191	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	76.760%		
21) 2-Butanone-d5	7.087	46	6290	38.929	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.860%		
24) Chloroform-d	7.654	84	34526	21.656	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.640%		
26) 1,2-Dichloroethane-d4	8.306	65	17353	23.182	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.720%		
32) Benzene-d6	8.276	84	70277	19.833	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	79.320%		
36) 1,2-Dichloropropane-d6	9.276	67	20650	20.570	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.280%		
41) Toluene-d8	10.324	98	60180	18.305	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.200%		
43) trans-1,3-Dichloroprop...	10.580	79	6862	17.655	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.600%		
47) 2-Hexanone-d5	10.928	63	1545	10.561	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	21.120%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17041	22.446	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.800%		
66) 1,2-Dichlorobenzene-d4	13.848	152	19426	21.443	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.760%		
Target Compounds					Qvalue	
13) Acetone	4.130	43	4951	33.755	ug/L	94
15) Methyl Acetate	4.697	43	2816m	10.627	ug/L	
42) Toluene	10.385	91	4728	1.250	ug/L	91
51) Chlorobenzene	11.659	112	2366	0.979	ug/L	94
63) 1,2,4-Trimethylbenzene	13.269	105	21652	7.703	ug/L #	46
65) 1,4-Dichlorobenzene	13.574	146	1870	1.206	ug/L #	77
70) 1,2,4-trichlorobenzene	15.128	180	354	0.401	ug/L #	64

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

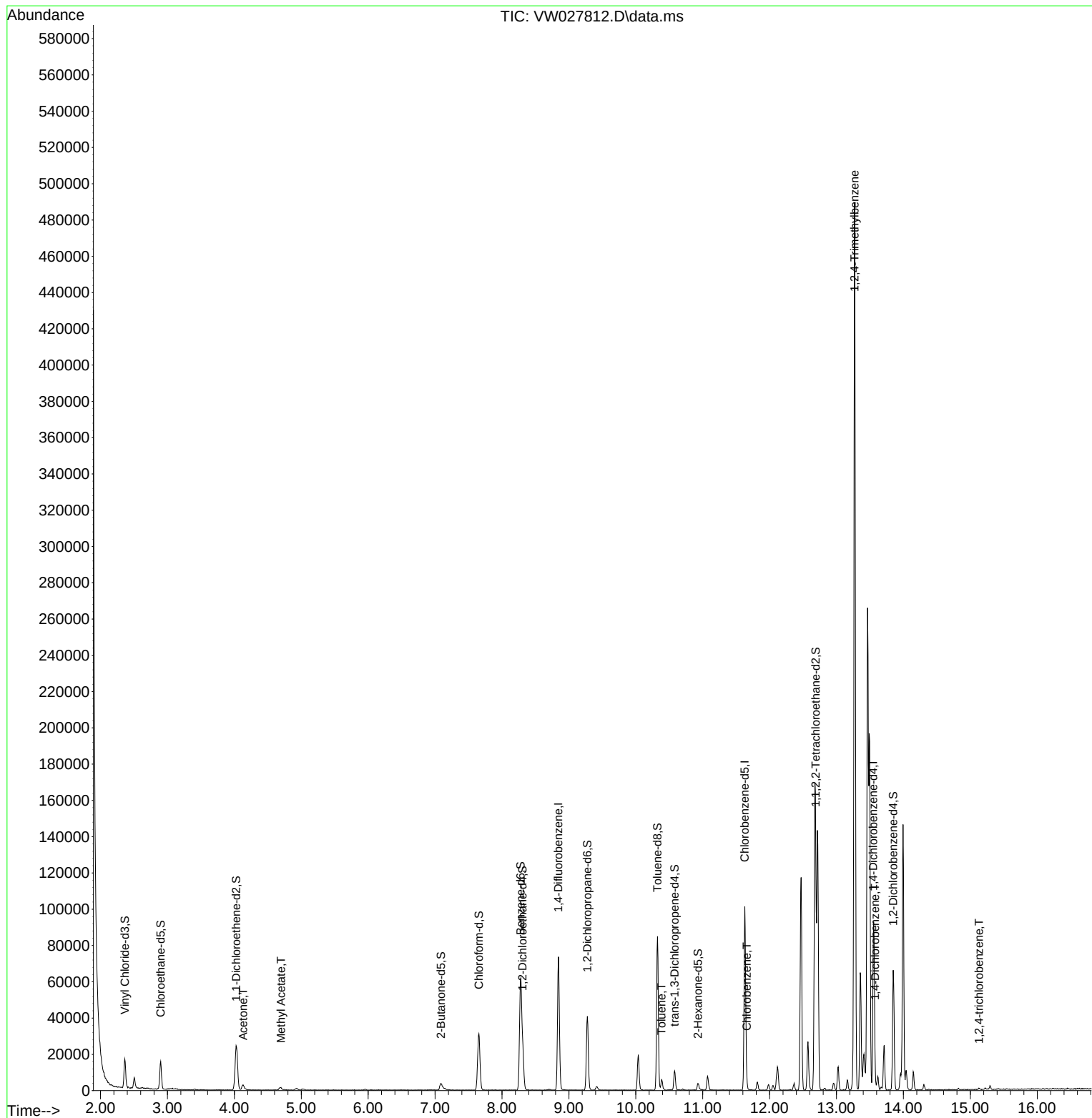
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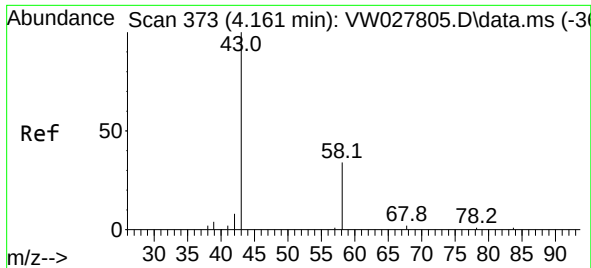
Instrument :
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Quant Title : SFAM01.0
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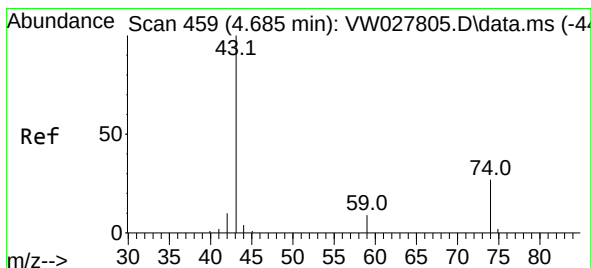
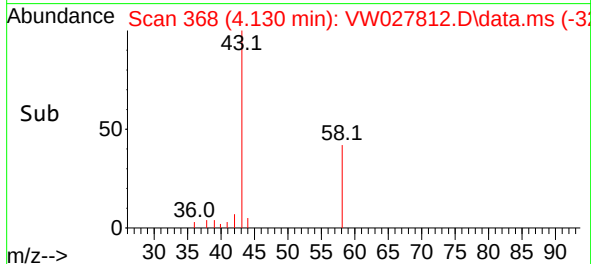
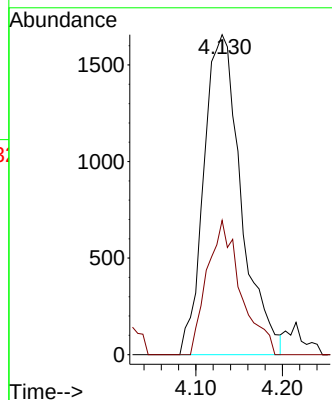
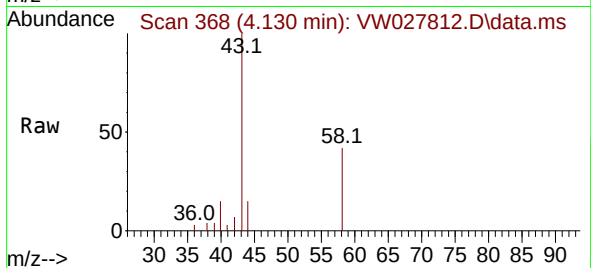
#13
Acetone
Concen: 33.755 ug/L
RT: 4.130 min Scan# 30
Delta R.T. -0.055 min
Lab File: VW027812.D
Acq: 20 Dec 2023 17:03

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 43 Resp: 495
Ion Ratio Lower Upper
43 100
58 37.9 0.0 68.6

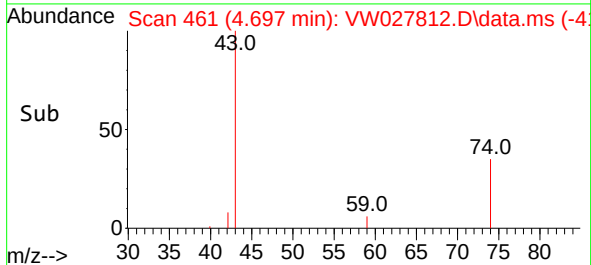
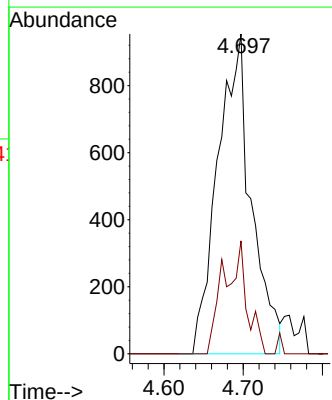
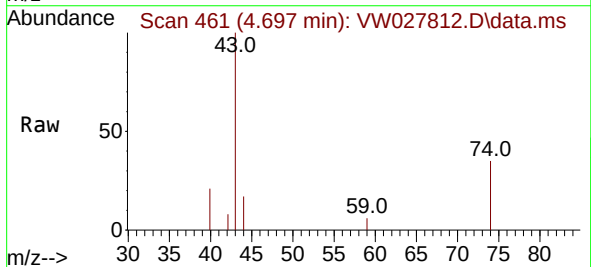
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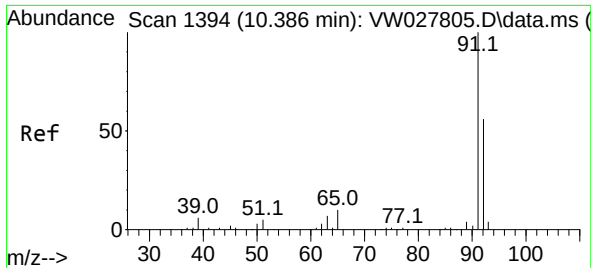
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#15
Methyl Acetate
Concen: 10.627 ug/L m
RT: 4.697 min Scan# 461
Delta R.T. -0.000 min
Lab File: VW027812.D
Acq: 20 Dec 2023 17:03

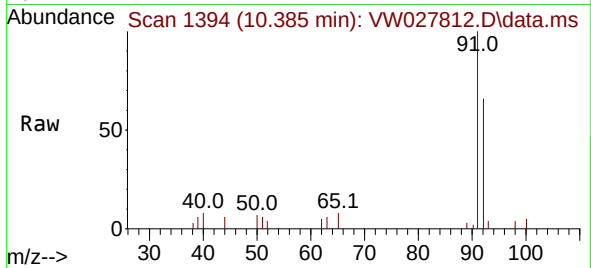
Tgt Ion: 43 Resp: 2816
Ion Ratio Lower Upper
43 100
74 10.0 22.1 33.1#





#42
Toluene
Concen: 1.250 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027812.D
Acq: 20 Dec 2023 17:03

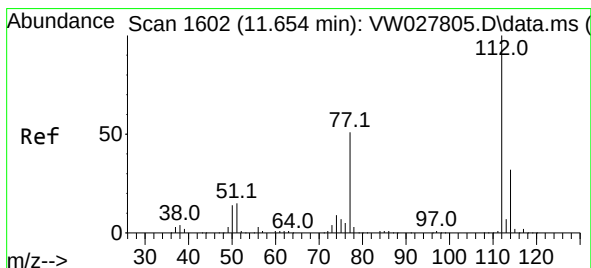
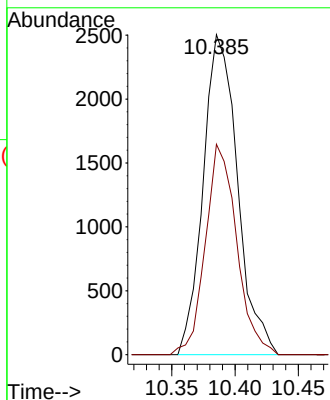
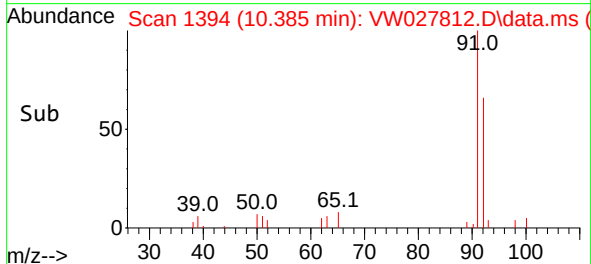
Instrument :
MSVOA_W
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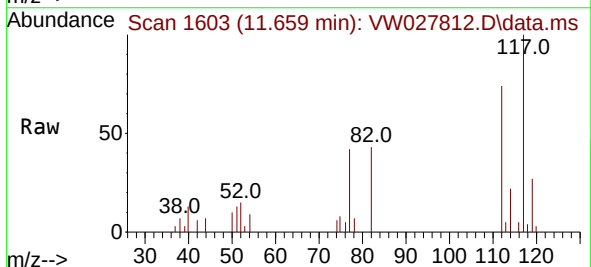
Tgt Ion: 91 Resp: 4728
Ion Ratio Lower Upper
91 100
92 65.8 41.2 76.4

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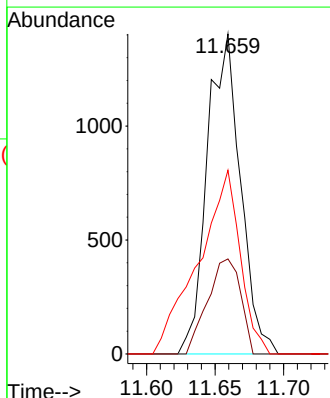
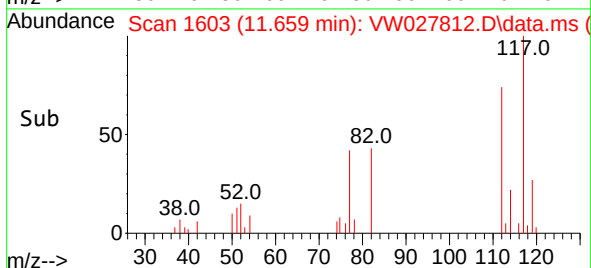
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

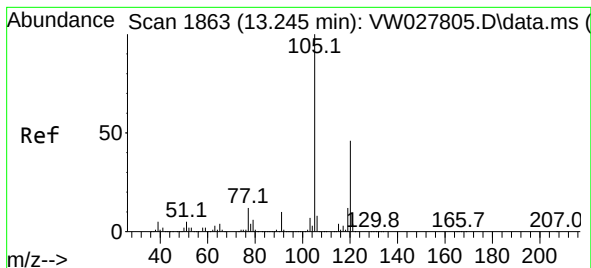


#51
Chlorobenzene
Concen: 0.979 ug/L
RT: 11.659 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW027812.D
Acq: 20 Dec 2023 17:03



Tgt Ion:112 Resp: 2366
Ion Ratio Lower Upper
112 100
114 29.7 25.0 46.4
77 57.4 48.1 72.1





#63

1,2,4-Trimethylbenzene

Concen: 7.703 ug/L

RT: 13.269 min Scan# 1863

Delta R.T. 0.024 min

Lab File: VW027812.D

Acq: 20 Dec 2023 17:03

Instrument :

MSVOA_W

ClientSampleId :

C0B24RE

Tgt Ion:105 Resp: 2165

Ion Ratio Lower Upper

105 100

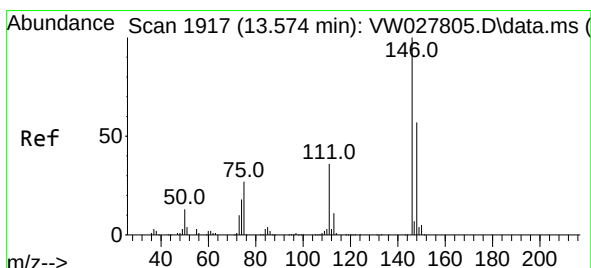
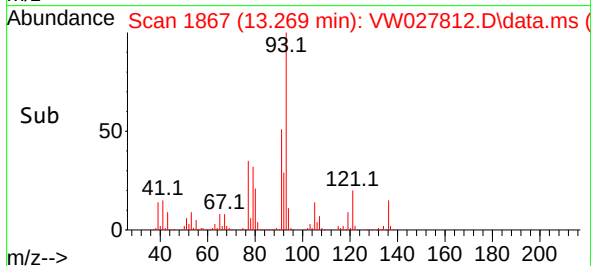
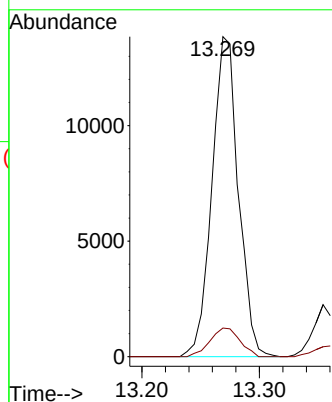
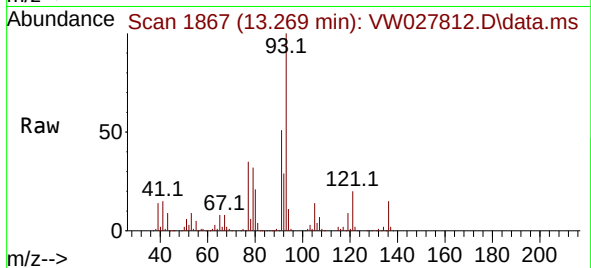
120 10.1 36.4 54.6

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#65

1,4-Dichlorobenzene

Concen: 1.206 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027812.D

Acq: 20 Dec 2023 17:03

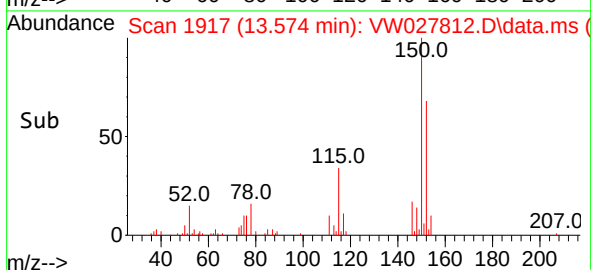
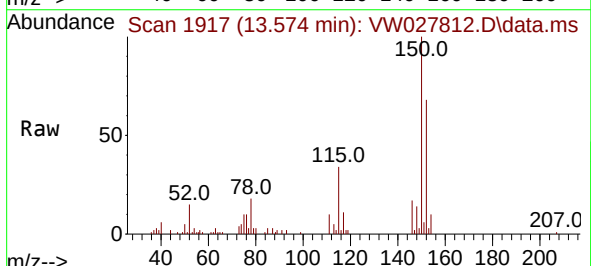
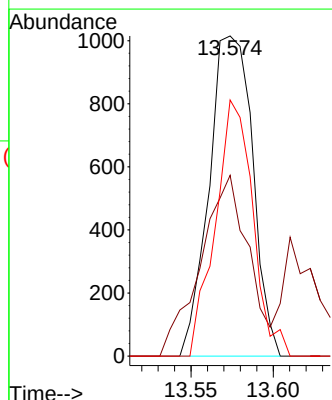
Tgt Ion:146 Resp: 1870

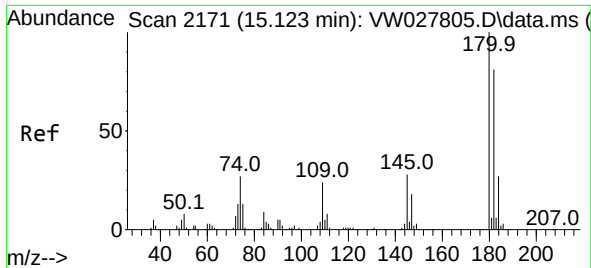
Ion Ratio Lower Upper

146 100

111 56.5 26.2 48.6

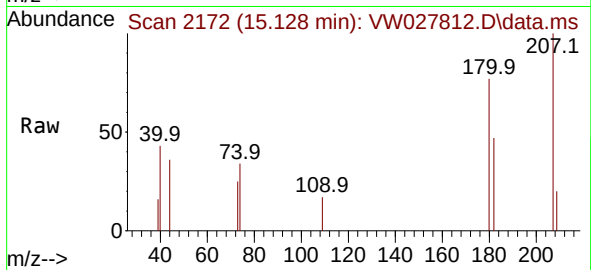
148 80.0 46.3 85.9





#70
1,2,4-trichlorobenzene
Concen: 0.401 ug/L
RT: 15.128 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW027812.D
Acq: 20 Dec 2023 17:03

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:180 Resp: 354
Ion Ratio Lower Upper
180 100
182 59.9 69.7 104.5
145 0.0 24.1 36.1

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