

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
 Data File : VW026972.D
 Acq On : 31 Aug 2023 13:05
 Operator : SY/MD
 Sample : 04235-11
 Misc : 5.24g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYW8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2023
 Supervised By :Mahesh Dadoda 09/05/2023

Quant Time: Sep 01 00:46:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 01 00:44:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	57248	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	41808	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	11020	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.351	65	15471	16.439	ug/L	-0.02
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.760%		
7) Chloroethane-d5	2.887	69	15499	22.148	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.600%		
11) 1,1-Dichloroethene-d2	4.015	65	6913	14.935	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.760%		
21) 2-Butanone-d5	7.106	46	4402m	16.274	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	32.540%		
24) Chloroform-d	7.661	84	2204	1.147	ug/L	0.01
Spiked Amount 25.000	Range 40 - 150		Recovery =	4.600%#		
26) 1,2-Dichloroethane-d4	8.307	65	25497	24.046	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.200%		
32) Benzene-d6	8.276	84	67433	23.403	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.600%		
36) 1,2-Dichloropropane-d6	9.276	67	23669	26.371	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.480%		
41) Toluene-d8	10.325	98	41544	16.796	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	67.200%		
43) trans-1,3-Dichloroprop...	10.581	79	7300	19.699	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.800%		
47) 2-Hexanone-d5	10.922	63	2441m	25.883	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	51.760%		
56) 1,1,2,2-Tetrachloroeth...	12.696	84	769	1.085	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	4.320%#		
66) 1,2-Dichlorobenzene-d4	13.849	152	8194	20.774	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.080%		
Target Compounds					Qvalue	
13) Acetone	4.131	43	4448m	16.539	ug/L	
16) Methylene chloride	4.917	84	7500	6.773	ug/L	79
25) Chloroform	7.679	83	36598	19.493	ug/L	96
34) Trichloroethene	9.093	95	10961	14.136	ug/L	92
42) Toluene	10.386	91	2194	0.712	ug/L	97
46) Tetrachloroethene	10.867	164	13285	23.583	ug/L	91
62) 1,3,5-Trimethylbenzene	12.940	105	1564	1.208	ug/L	92
63) 1,2,4-Trimethylbenzene	13.245	105	3118	2.457	ug/L	96

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

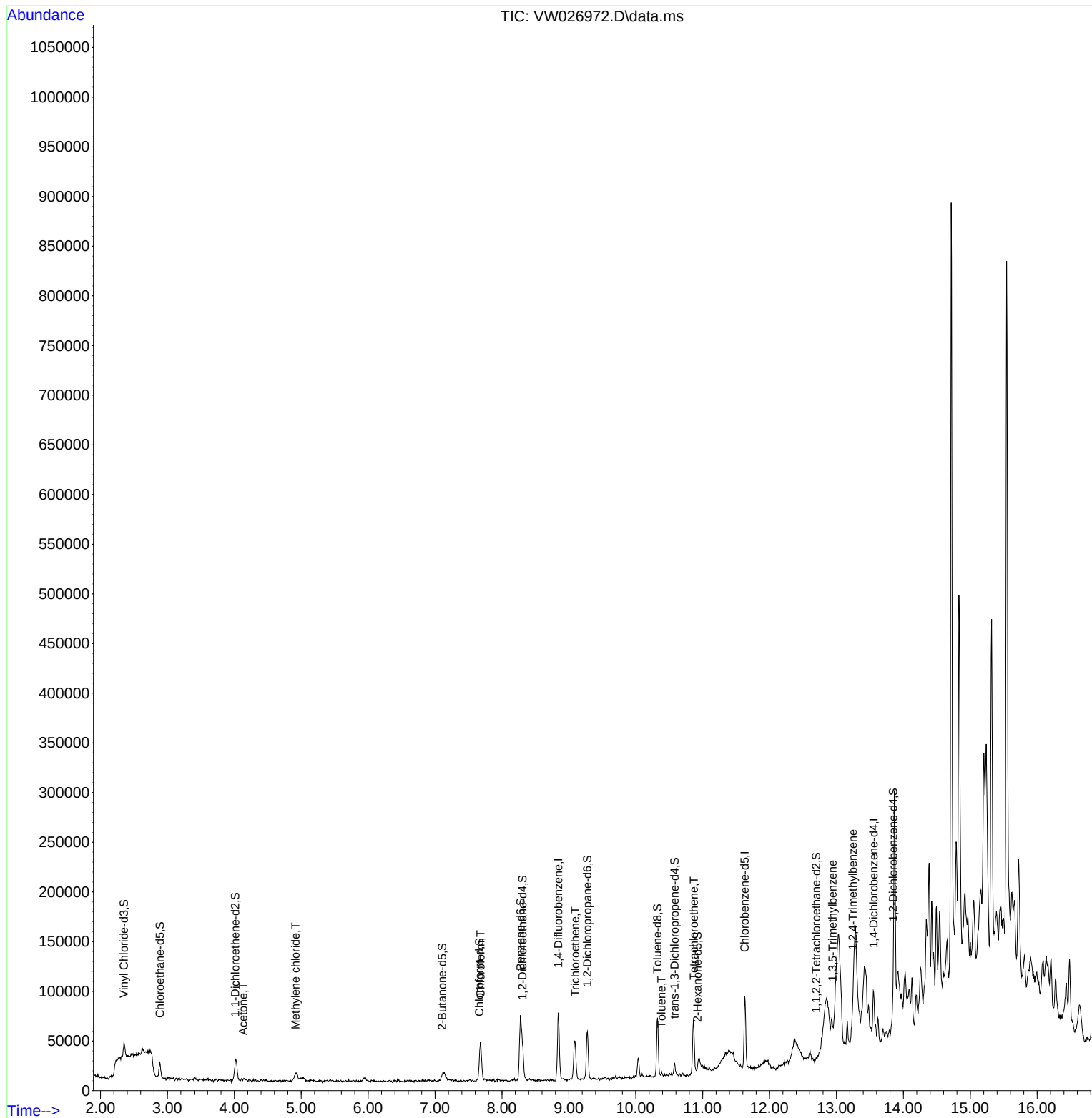
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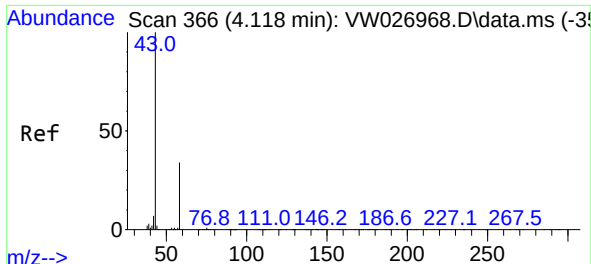
Instrument :
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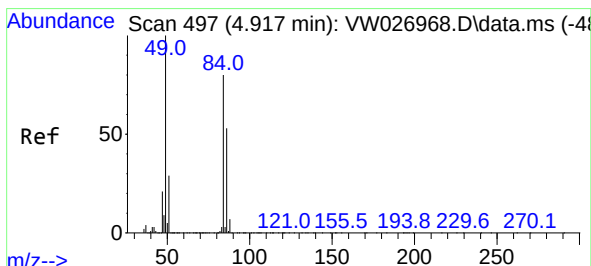
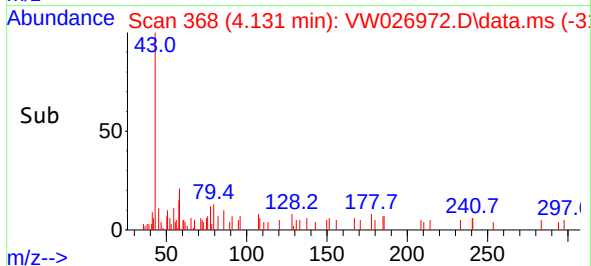
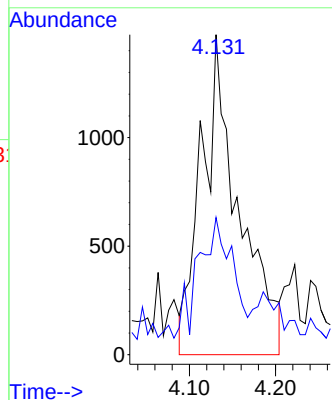
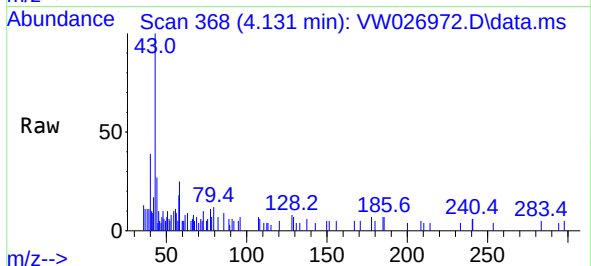
#13
Acetone
Concen: 16.539 ug/L m
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW026972.D
Acq: 31 Aug 2023 13:05

Instrument :
MSVOA_W
ClientSampleId :
EZYW8

Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
58 9.5 0.0 57.4

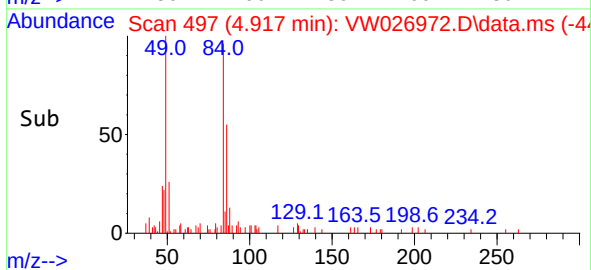
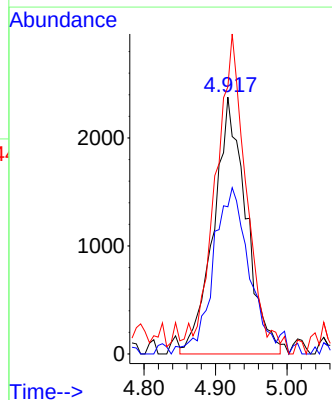
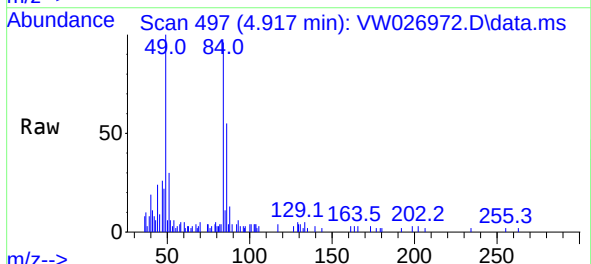
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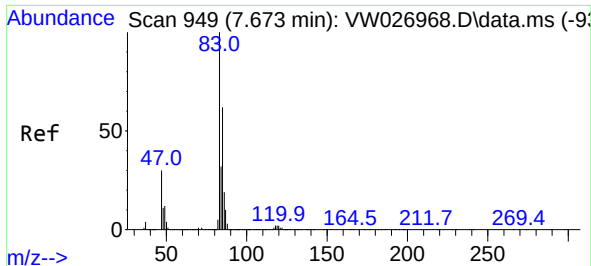
Reviewed By :Semsettin Yesilyurt 09/01/2023
Supervised By :Mahesh Dadoda 09/05/2023



#16
Methylene chloride
Concen: 6.773 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026972.D
Acq: 31 Aug 2023 13:05

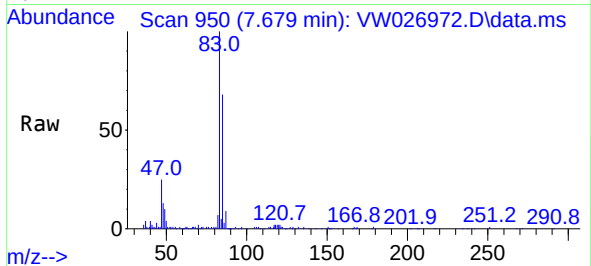
Tgt Ion: 84 Resp: 7500
Ion Ratio Lower Upper
84 100
86 57.3 43.5 80.9
49 104.0 96.0 178.2





#25
Chloroform
Concen: 19.493 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026972.D
Acq: 31 Aug 2023 13:05

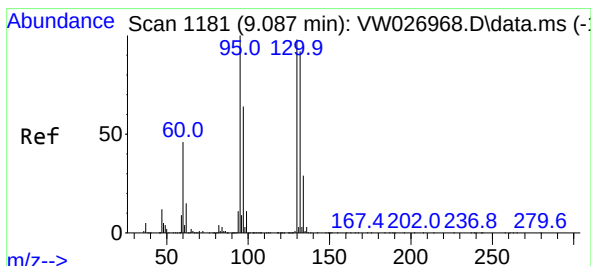
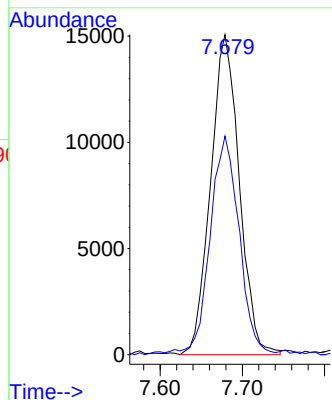
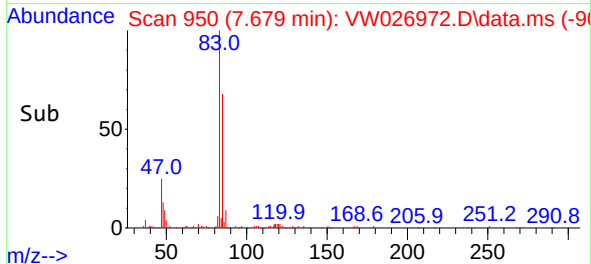
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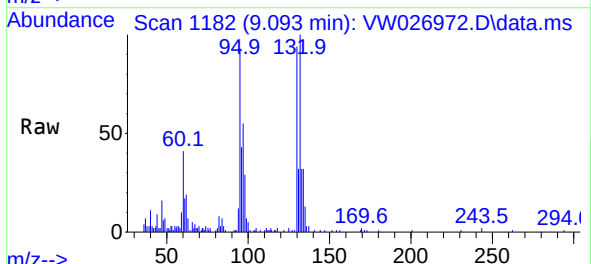
Tgt Ion: 83 Resp: 36598
Ion Ratio Lower Upper
83 100
85 68.3 45.4 84.2

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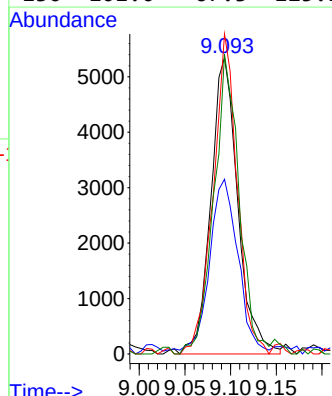
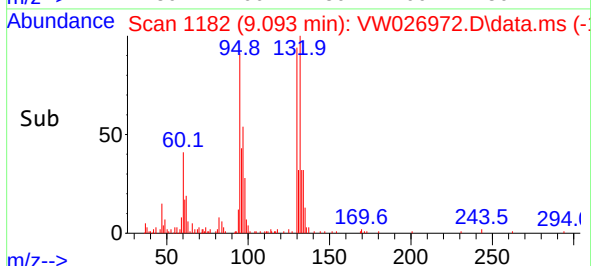
Reviewed By :Semsettin Yesilyurt 09/01/2023
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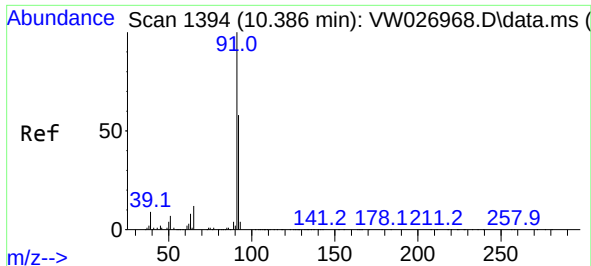


#34
Trichloroethene
Concen: 14.136 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW026972.D
Acq: 31 Aug 2023 13:05



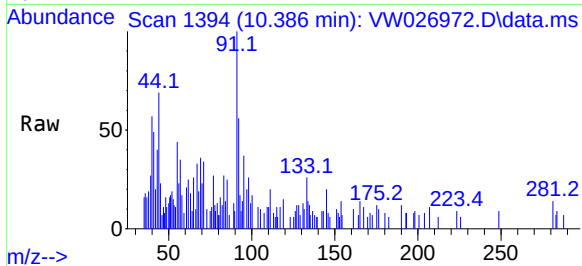
Tgt Ion: 95 Resp: 10961
Ion Ratio Lower Upper
95 100
97 58.9 44.6 82.8
132 107.9 66.4 123.2
130 101.0 67.3 125.1





#42
Toluene
Concen: 0.712 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026972.D
Acq: 31 Aug 2023 13:05

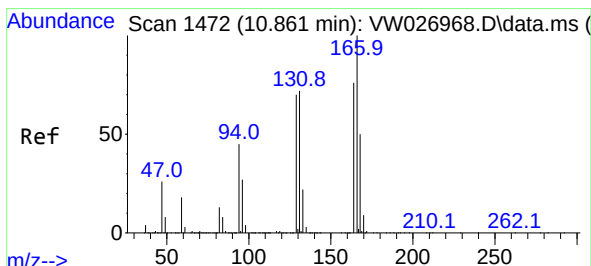
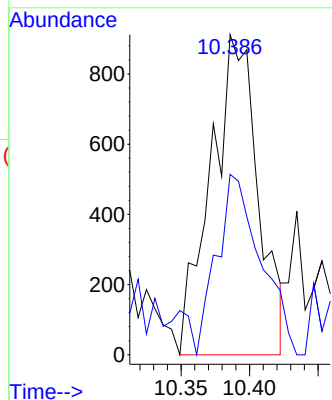
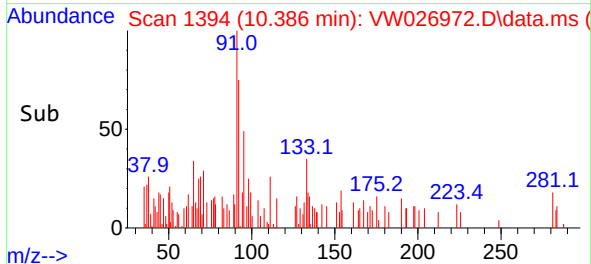
Instrument :
MSVOA_W
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EZYW8



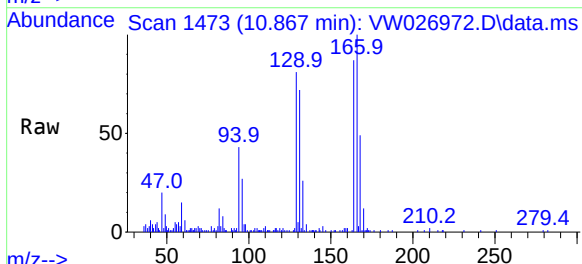
Tgt Ion: 91 Resp: 2194
Ion Ratio Lower Upper
91 100
92 56.4 40.8 75.8

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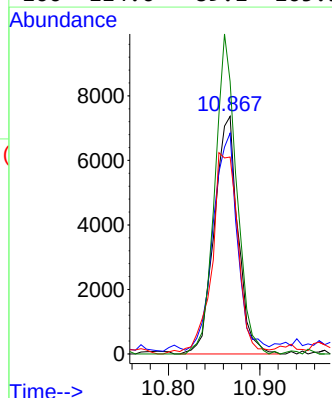
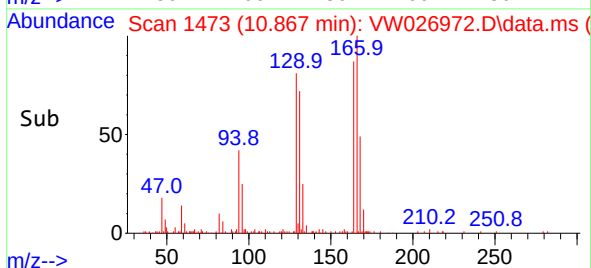
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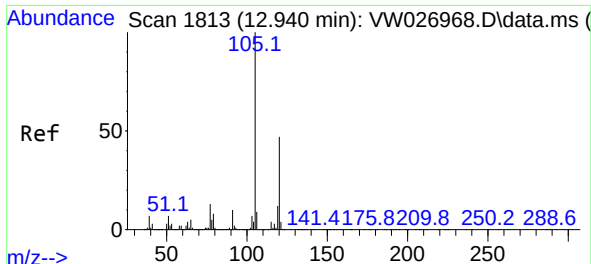


#46
Tetrachloroethene
Concen: 23.583 ug/L
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW026972.D
Acq: 31 Aug 2023 13:05



Tgt Ion:164 Resp: 13285
Ion Ratio Lower Upper
164 100
129 92.9 68.1 126.5
131 82.9 65.5 121.7
166 114.6 89.1 165.5





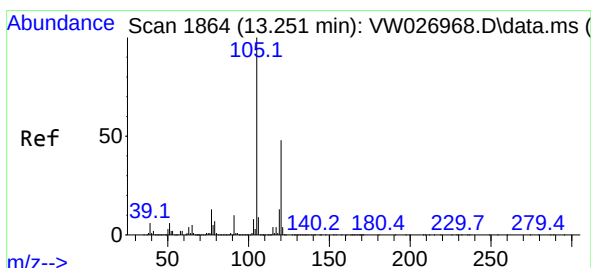
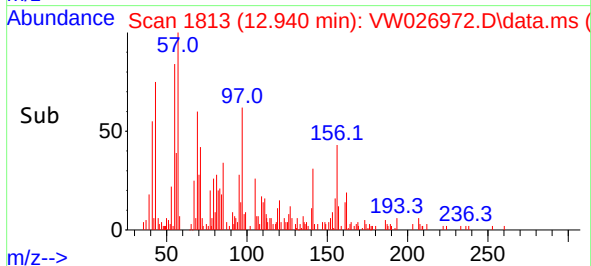
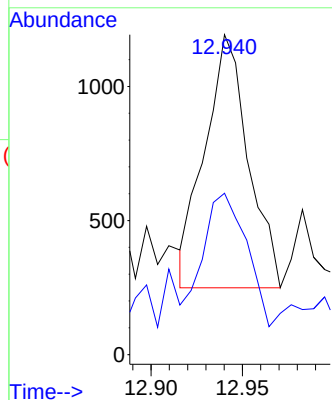
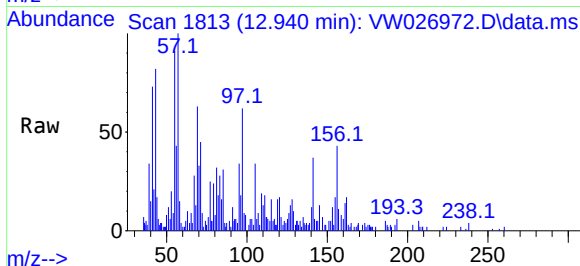
#62
1,3,5-Trimethylbenzene
Concen: 1.208 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026972.D
Acq: 31 Aug 2023 13:05

Instrument :
MSVOA_W
ClientSampleId :
EZYW8

Tgt Ion:105 Resp: 1564
Ion Ratio Lower Upper
105 100
120 52.4 37.4 56.2

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#63
1,2,4-Trimethylbenzene
Concen: 2.457 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW026972.D
Acq: 31 Aug 2023 13:05

Tgt Ion:105 Resp: 3118
Ion Ratio Lower Upper
105 100
120 48.2 36.2 54.4

