

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
 Data File : VW026978.D
 Acq On : 31 Aug 2023 15:26
 Operator : SY/MD
 Sample : 04235-11RE
 Misc : 5.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYW8RE

Manual Integrations
 APPROVED

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

Quant Time: Sep 01 00:48:43 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	1104285	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	670535	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	180127	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	214259	11.803	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	47.200%		
7) Chloroethane-d5	2.899	69	232627	17.233	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.920%		
11) 1,1-Dichloroethene-d2	4.021	65	91246	10.220	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	40.880%#		
21) 2-Butanone-d5	7.093	46	33611	6.442	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	12.880%#		
24) Chloroform-d	7.673	84	27144	0.732	ug/L	0.02
Spiked Amount 25.000	Range 40 - 150		Recovery =	2.920%#		
26) 1,2-Dichloroethane-d4	8.307	65	339850	16.616	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	66.480%#		
32) Benzene-d6	8.276	84	1106717	23.948	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.800%		
36) 1,2-Dichloropropane-d6	9.276	67	365742	25.408	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.640%		
41) Toluene-d8	10.325	98	734488	18.515	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.080%		
43) trans-1,3-Dichloroprop...	10.575	79	129060	21.715	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.840%		
47) 2-Hexanone-d5	10.928	63	7233m	4.782	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	9.560%#		
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0d	0.000	ug/L	
Spiked Amount 25.000	Range 45 - 120		Recovery =	0.000%#		
66) 1,2-Dichlorobenzene-d4	13.854	152	127742	19.814	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.240%		
Target Compounds						
13) Acetone	4.125	43	39199	7.556	ug/L	89
16) Methylene chloride	4.923	84	123597	5.786	ug/L	83
22) 2-Butanone	7.154	43	51665m	6.758	ug/L	
25) Chloroform	7.679	83	580219	16.021	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	19406	1.109	ug/L	98
34) Trichloroethene	9.093	95	202517	16.284	ug/L	91
46) Tetrachloroethene	10.861	164	290283	32.128	ug/L	85
48) 2-Hexanone	10.959	43	52337	8.841	ug/L #	94
62) 1,3,5-Trimethylbenzene	12.940	105	15856	0.749	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	34604	1.668	ug/L	98

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

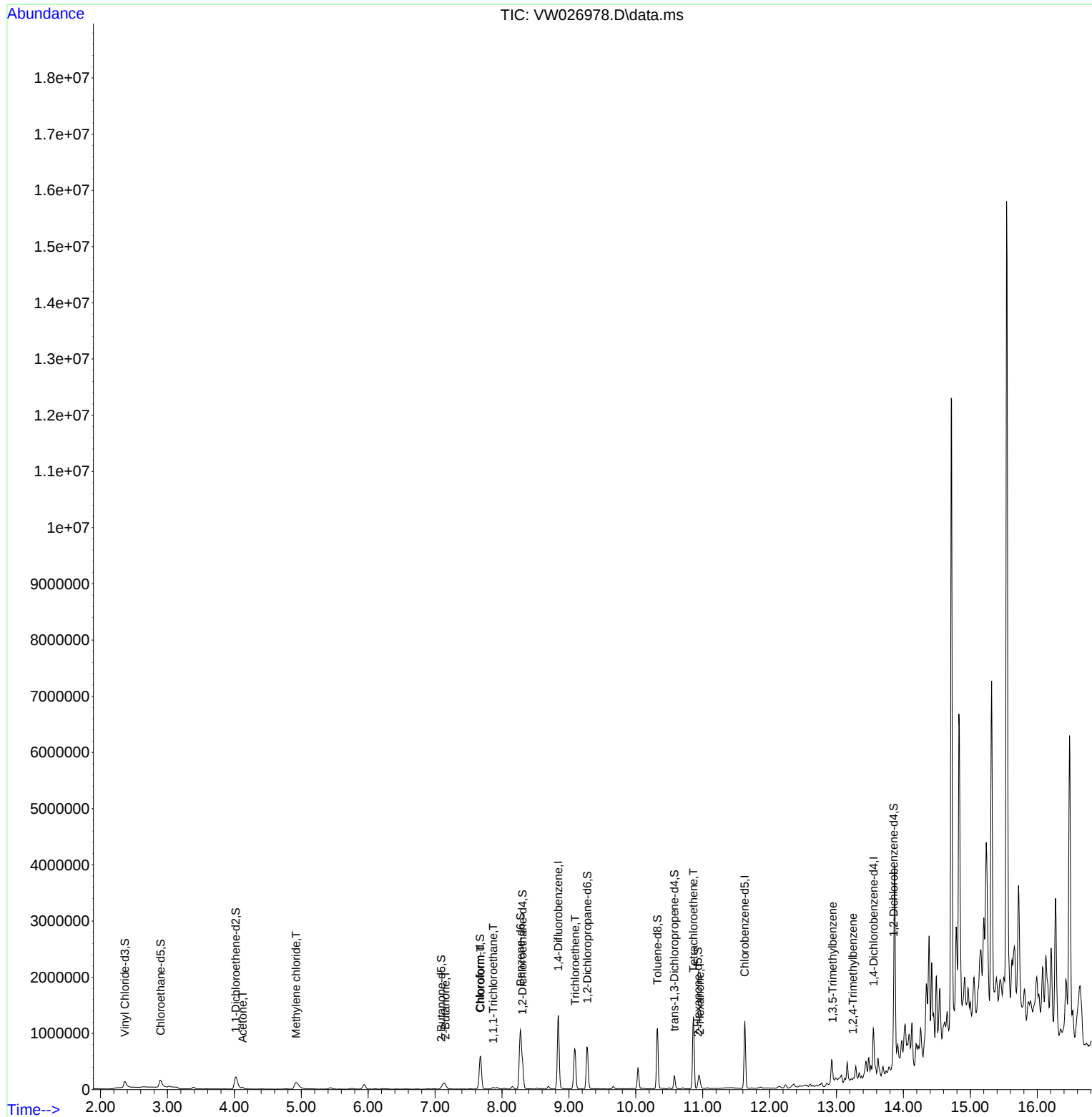
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026978.D
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Operator : SY/MD
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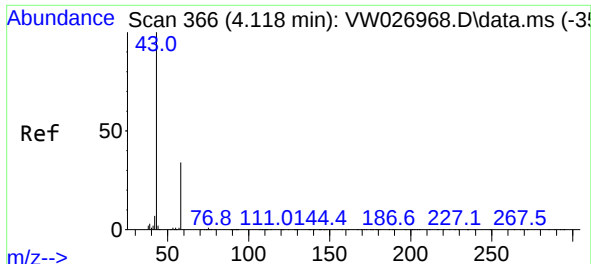
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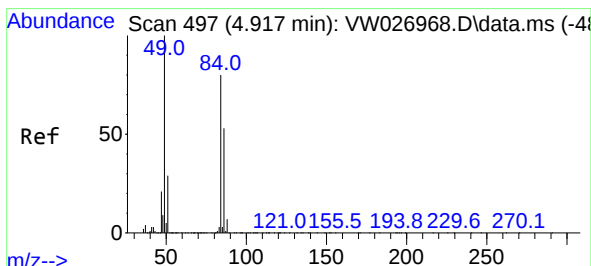
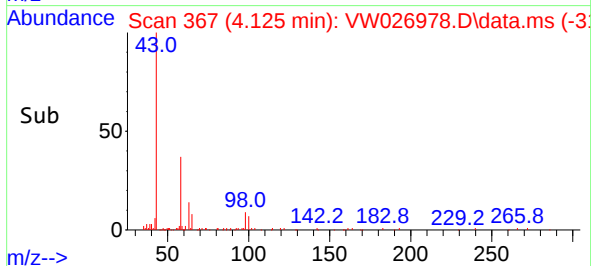
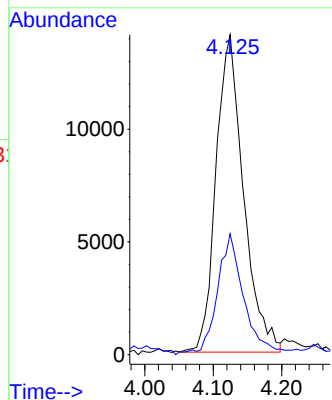
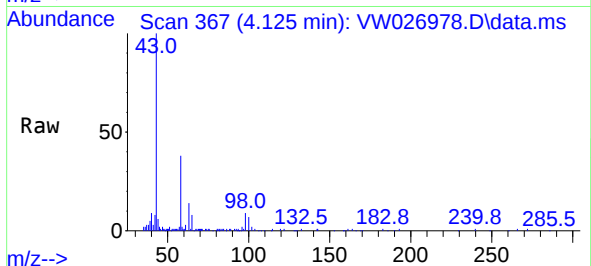
#13
Acetone
Concen: 7.556 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026978.D
Acq: 31 Aug 2023 15:26

Instrument :
MSVOA_W
ClientSampleId :
EZYW8RE

Tgt Ion: 43 Resp: 39199
Ion Ratio Lower Upper
43 100
58 34.7 0.0 57.4

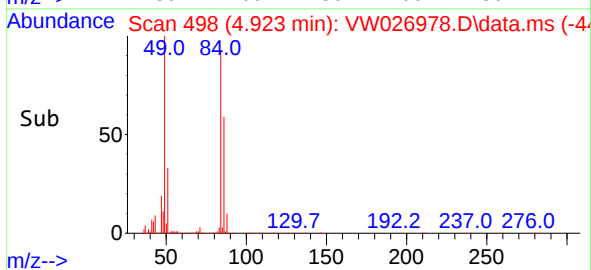
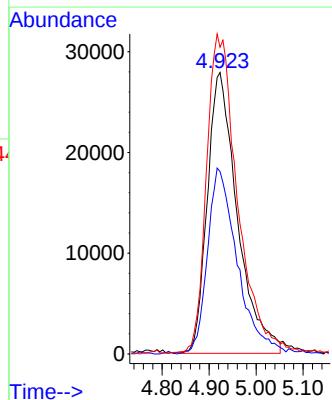
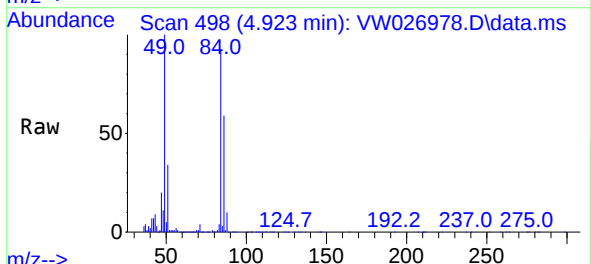
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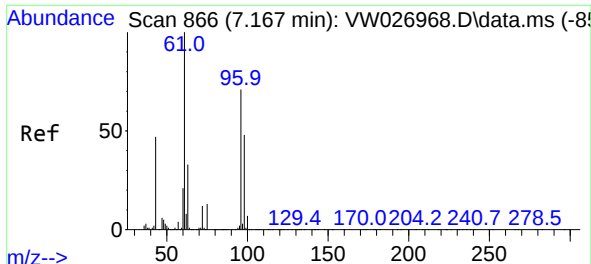
Reviewed By :Semsettin Yesilyurt 09/01/2023
Supervised By :Mahesh Dadoda 09/05/2023



#16
Methylene chloride
Concen: 5.786 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026978.D
Acq: 31 Aug 2023 15:26

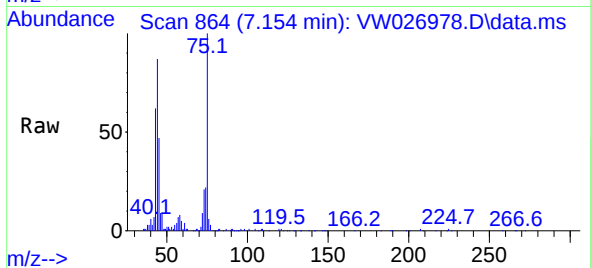
Tgt Ion: 84 Resp: 123597
Ion Ratio Lower Upper
84 100
86 64.8 43.5 80.9
49 109.0 96.0 178.2





#22
2-Butanone
Concen: 6.758 ug/L m
RT: 7.154 min Scan# 80
Delta R.T. -0.012 min
Lab File: VW026978.D
Acq: 31 Aug 2023 15:26

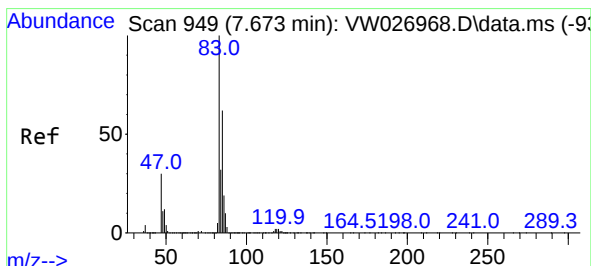
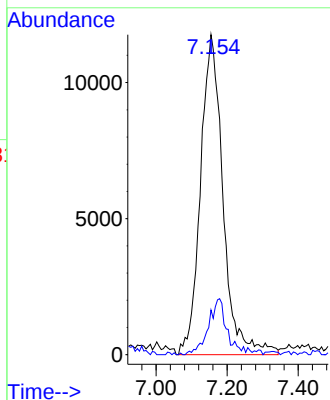
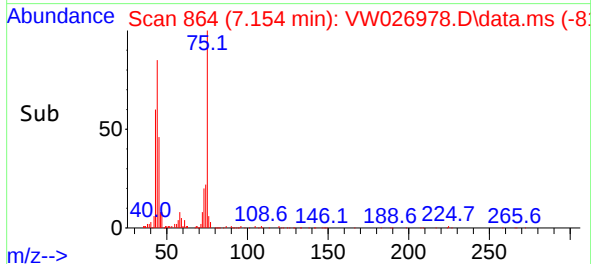
Instrument :
MSVOA_W
ClientSampleId :
EZYW8RE



Tgt Ion: 43 Resp: 5166
Ion Ratio Lower Upper
43 100
72 0.1 11.8 35.4

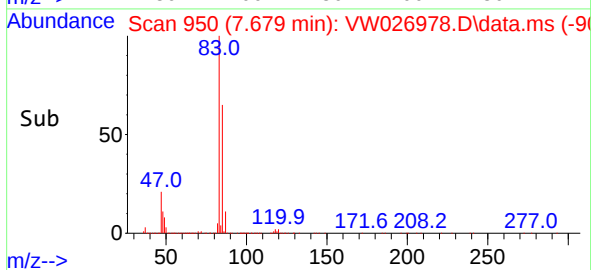
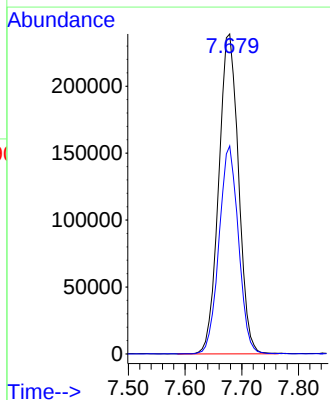
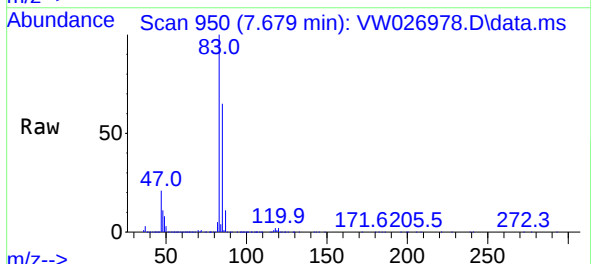
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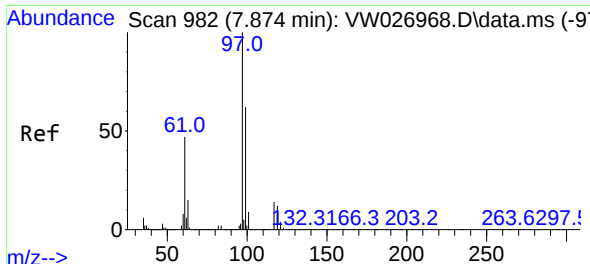
Reviewed By :Semsettin Yesilyurt 09/01/2023
Supervised By :Mahesh Dadoda 09/05/2023



#25
Chloroform
Concen: 16.021 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW026978.D
Acq: 31 Aug 2023 15:26

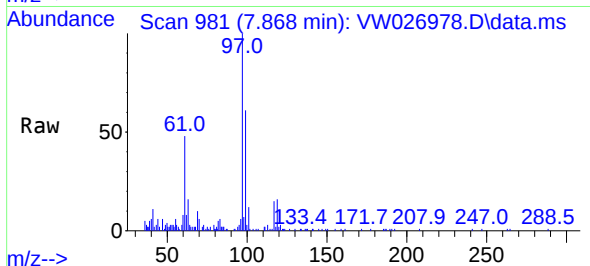
Tgt Ion: 83 Resp: 580219
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.2





#30
1,1,1-Trichloroethane
Concen: 1.109 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026978.D
Acq: 31 Aug 2023 15:26

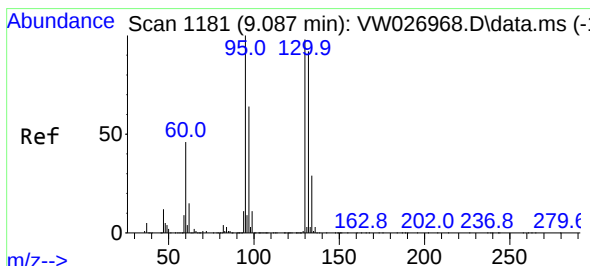
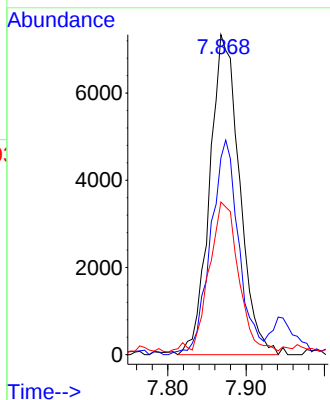
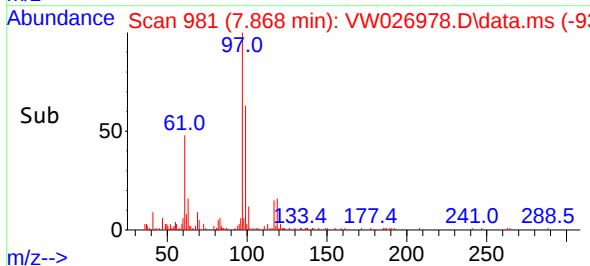
Instrument :
MSVOA_W
ClientSampleId :
EZYW8RE



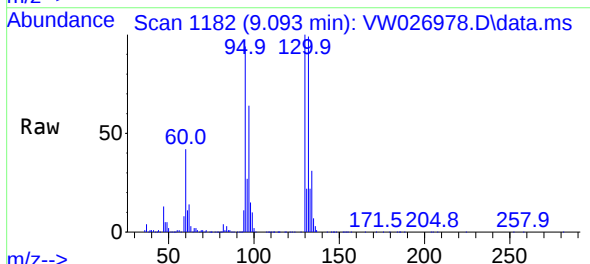
Tgt Ion:	97	Resp:	1940
Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.2	76.8
61	47.5	39.2	58.8

Manual Integrations
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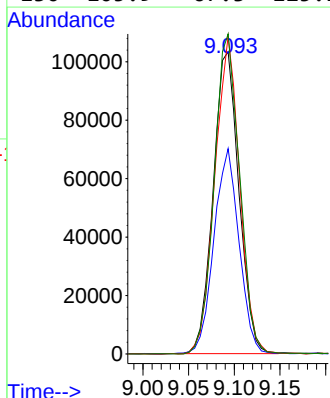
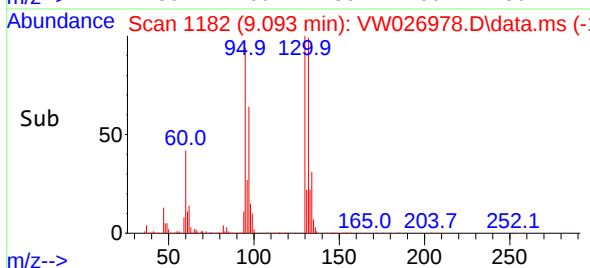
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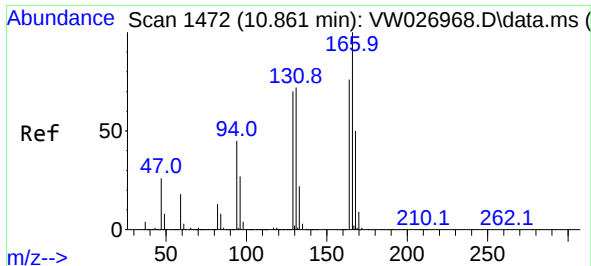


#34
Trichloroethene
Concen: 16.284 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW026978.D
Acq: 31 Aug 2023 15:26



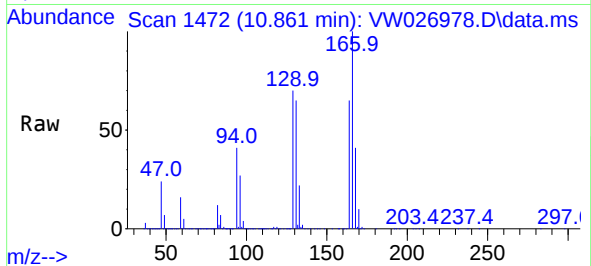
Tgt Ion:	95	Resp:	202517
Ion	Ratio	Lower	Upper
95	100		
97	67.9	44.6	82.8
132	105.1	66.4	123.2
130	105.9	67.3	125.1





#46
Tetrachloroethene
Concen: 32.128 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026978.D
Acq: 31 Aug 2023 15:26

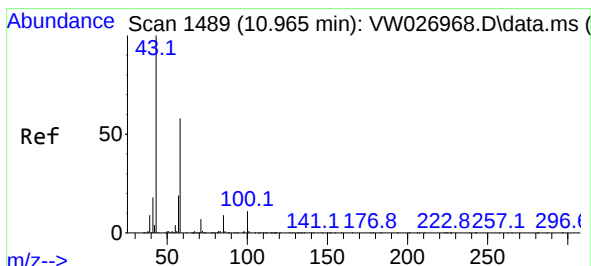
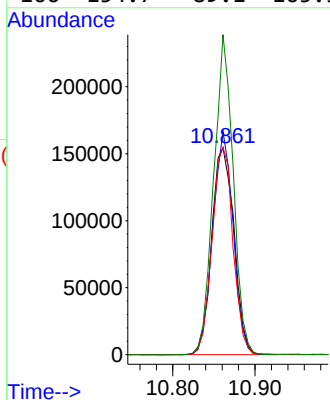
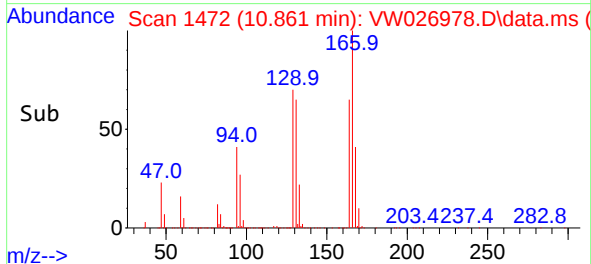
Instrument :
MSVOA_W
ClientSampleId :
EZYW8RE



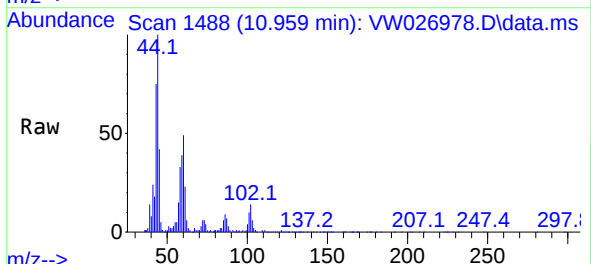
Tgt Ion:164 Resp: 29028
Ion Ratio Lower Upper
164 100
129 107.9 68.1 126.5
131 100.2 65.5 121.7
166 154.7 89.1 165.5

Manual Integrations
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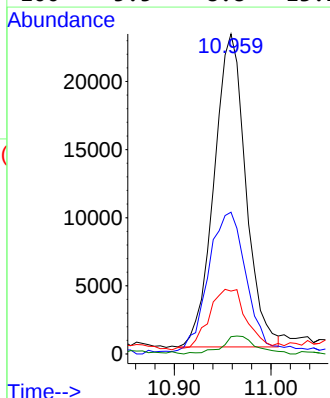
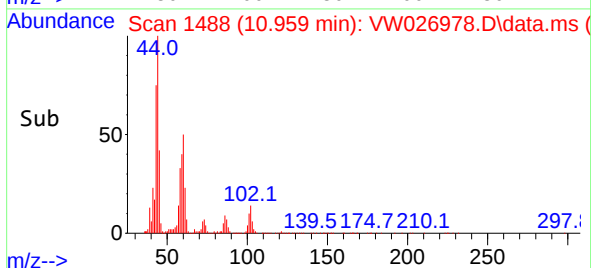
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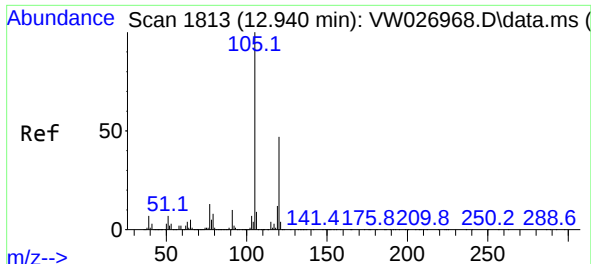


#48
2-Hexanone
Concen: 8.841 ug/L
RT: 10.959 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VW026978.D
Acq: 31 Aug 2023 15:26



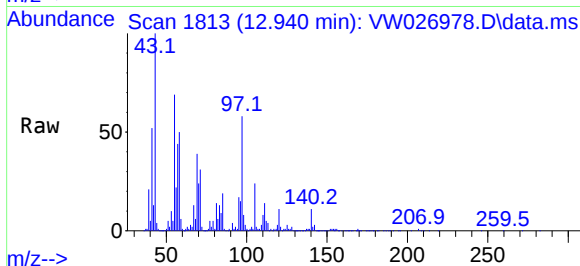
Tgt Ion: 43 Resp: 52337
Ion Ratio Lower Upper
43 100
58 53.0 41.1 61.7
57 23.3 14.3 21.5#
100 5.5 8.8 13.2#





#62
1,3,5-Trimethylbenzene
Concen: 0.749 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026978.D
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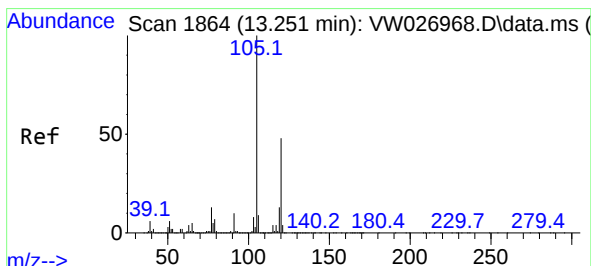
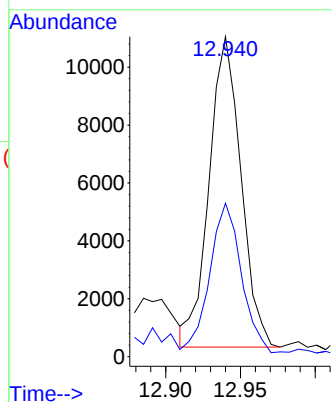
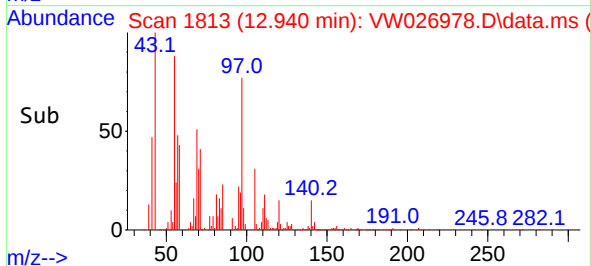
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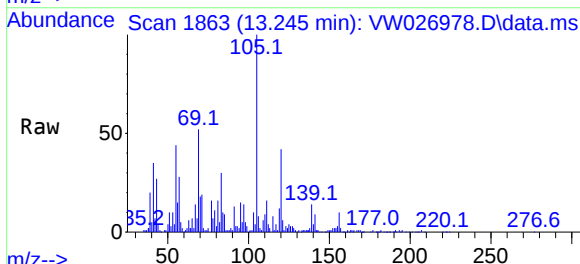
Tgt Ion:105 Resp: 1585
Ion Ratio Lower Upper
105 100
120 48.8 37.4 56.2

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#63
1,2,4-Trimethylbenzene
Concen: 1.668 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW026978.D
Acq: 31 Aug 2023 15:26



Tgt Ion:105 Resp: 34604
Ion Ratio Lower Upper
105 100
120 44.2 36.2 54.4

