

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076694.D
 Acq On : 03 Jul 2023 16:02
 Operator : KP/SY
 Sample : 03444-11RE
 Misc : 5.67G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46R8RE

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023
 Supervised By :Mahesh Dadoda 07/07/2023

Quant Time: Jul 04 01:11:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	335893	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	281511	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	111431	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	25334	3.097	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	12.400%	#	
7) Chloroethane-d5	2.799	69	29739	4.496	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	18.000%	#	
11) 1,1-Dichloroethene-d2	3.917	65	9530	4.463	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	17.840%	#	
21) 2-Butanone-d5	6.981	46	47061	37.988	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.980%		
24) Chloroform-d	7.569	84	81832	9.247	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	37.000%	#	
26) 1,2-Dichloroethane-d4	8.234	65	47776	10.944	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	43.760%	#	
32) Benzene-d6	8.199	84	118047	6.855	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	27.400%		
36) 1,2-Dichloropropane-d6	9.210	67	49222	8.955	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	35.800%	#	
41) Toluene-d8	10.269	98	100287	6.289	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	25.160%	#	
43) trans-1,3-Dichloroprop...	10.528	79	22000	9.623	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	38.480%		
47) 2-Hexanone-d5	10.875	63	31834	37.309	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.620%		
56) 1,1,2,2-Tetrachloroeth...	12.646	84	60568	15.488	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	61.960%		
66) 1,2-Dichlorobenzene-d4	13.816	152	43383	10.622	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	42.480%	#	
Target Compounds						
13) Acetone	4.023	43	7451m	7.447	ug/L	
20) cis-1,2-Dichloroethene	7.075	96	12524m	2.307	ug/L	
34) Trichloroethene	9.028	95	7498	1.567	ug/L #	88
46) Tetrachloroethene	10.805	164	42470	11.287	ug/L	91

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

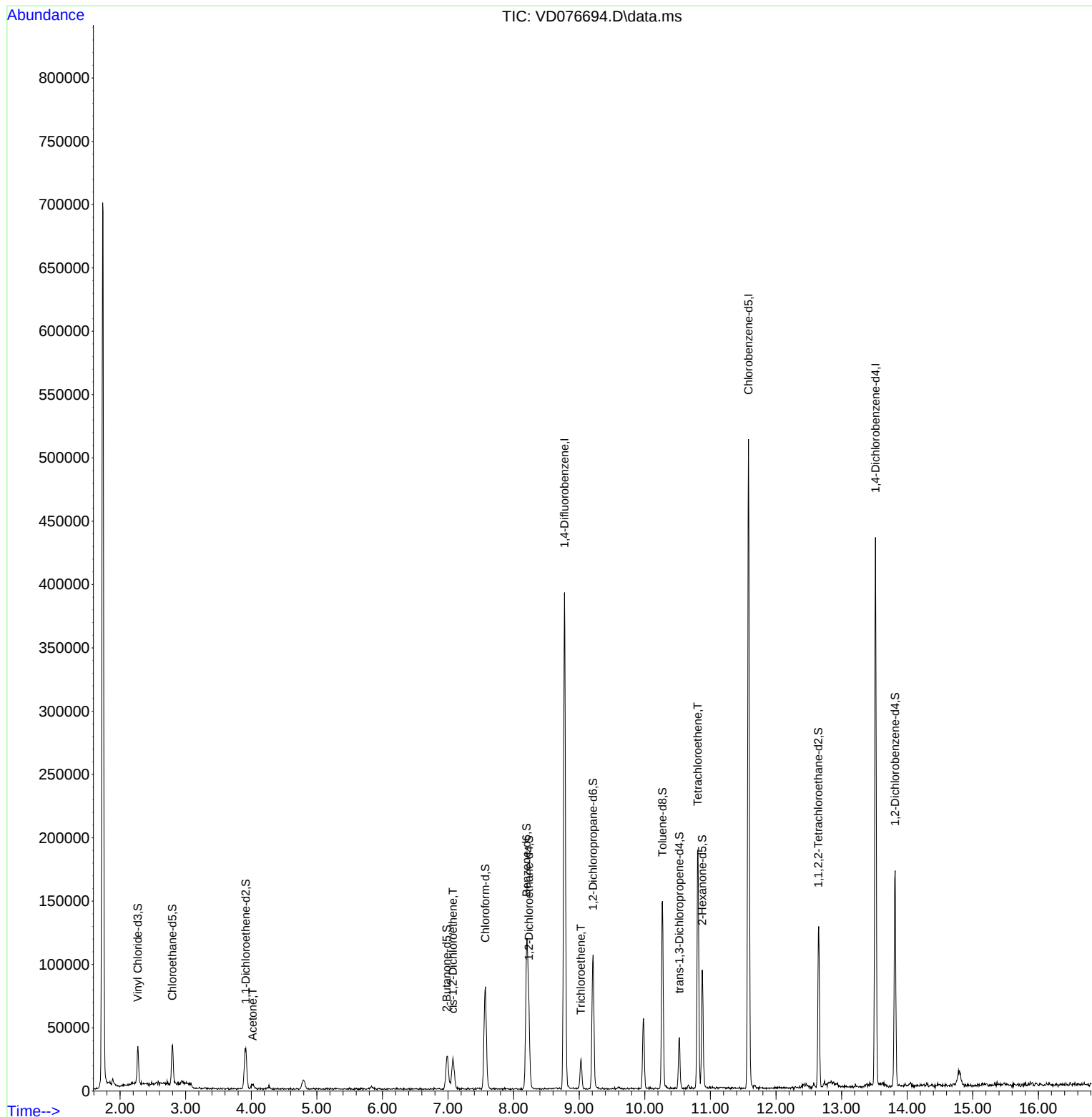
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Data File : VD076694.D
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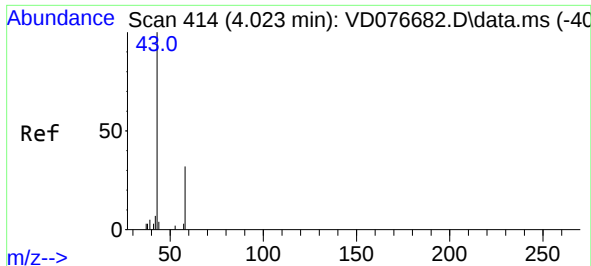
Instrument :
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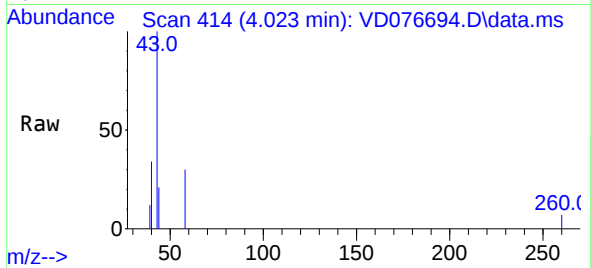
Quant Time: Jul 04 01:11:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration





#13
Acetone
Concen: 7.447 ug/L m
RT: 4.023 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076694.D
Acq: 03 Jul 2023 16:02

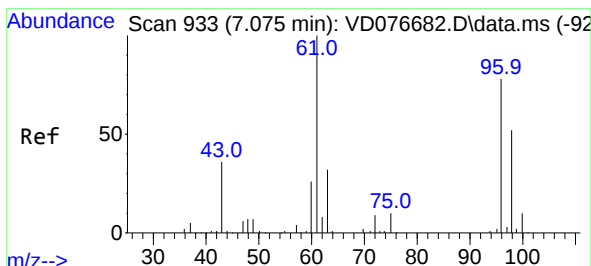
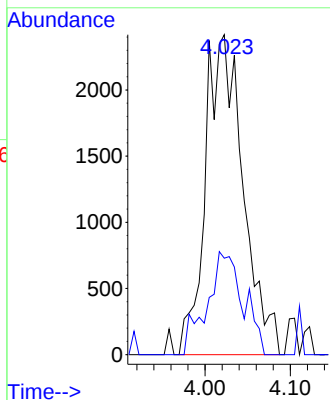
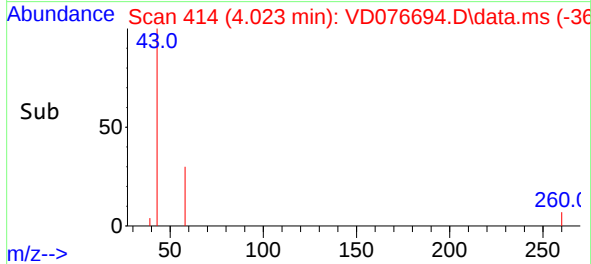
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Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
58 21.3 0.0 67.4

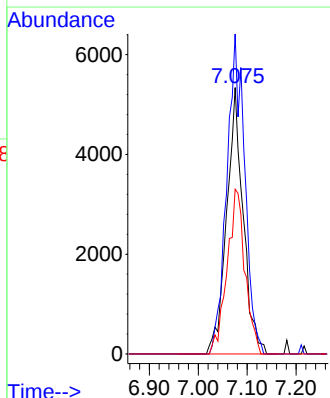
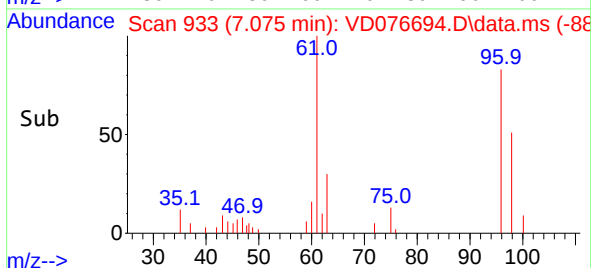
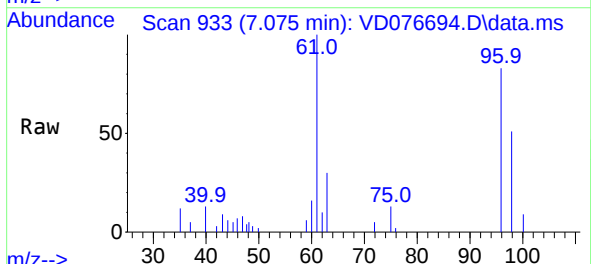
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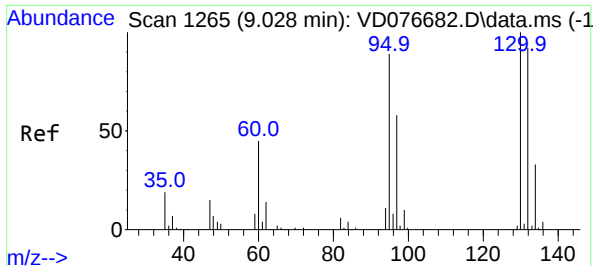
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/07/2023



#20
cis-1,2-Dichloroethene
Concen: 2.307 ug/L m
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076694.D
Acq: 03 Jul 2023 16:02

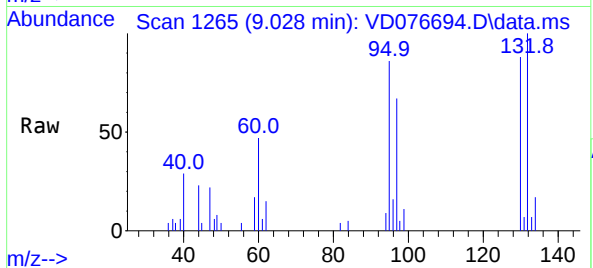
Tgt Ion: 96 Resp: 12524
Ion Ratio Lower Upper
96 100
61 120.1 86.0 159.6
98 61.9 42.2 78.4





#34
Trichloroethene
Concen: 1.567 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076694.D
Acq: 03 Jul 2023 16:02

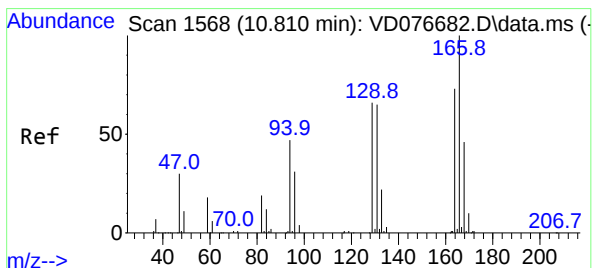
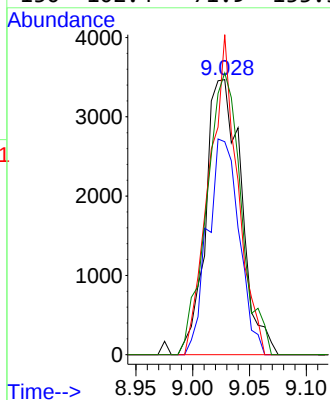
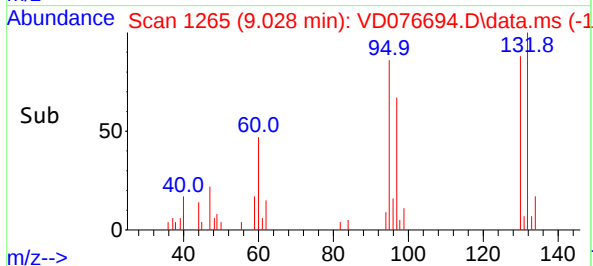
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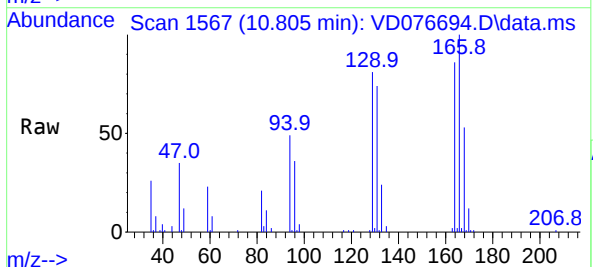
Tgt Ion: 95 Resp: 7498
Ion Ratio Lower Upper
95 100
97 83.4 43.1 80.1
132 116.3 71.8 133.4
130 102.4 71.9 133.5

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#46
Tetrachloroethene
Concen: 11.287 ug/L
RT: 10.805 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076694.D
Acq: 03 Jul 2023 16:02



Tgt Ion:164 Resp: 42470
Ion Ratio Lower Upper
164 100
129 93.9 65.5 121.6
131 86.8 64.8 120.3
166 119.2 97.2 180.4

