

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077180.D
 Acq On : 21 Sep 2023 14:58
 Operator : JC/SY
 Sample : 04469-03
 Misc : 5.80G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYL9

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/22/2023
 Supervised By : Mahesh Dadoda 09/22/2023

Quant Time: Sep 22 01:32:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 01:29:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	224833	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	165468	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	47047	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	136668	24.669	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.680%		
7) Chloroethane-d5	2.799	69	125459	27.538	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	110.160%		
11) 1,1-Dichloroethene-d2	3.916	65	31181	24.777	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	99.120%		
21) 2-Butanone-d5	6.987	46	48198	69.059	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	138.120%#		
24) Chloroform-d	7.569	84	170509	27.716	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	110.880%		
26) 1,2-Dichloroethane-d4	8.228	65	91131	31.253	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	125.000%		
32) Benzene-d6	8.199	84	328401	35.934	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	143.720%#		
36) 1,2-Dichloropropane-d6	9.210	67	107350	40.960	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	163.840%#		
41) Toluene-d8	10.269	98	250839	29.984	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	119.920%		
43) trans-1,3-Dichloroprop...	10.522	79	38908	32.582	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	130.320%		
47) 2-Hexanone-d5	10.881	63	32992	78.817	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	157.640%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80098	34.282	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	137.120%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	52066	34.479	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	137.920%#		
Target Compounds					Qvalue	
13) Acetone	4.011	43	3512m	3.508	ug/L	
14) Carbon disulfide	4.275	76	10178	1.041	ug/L	99
16) Methylene chloride	4.805	84	17760	3.881	ug/L	86

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

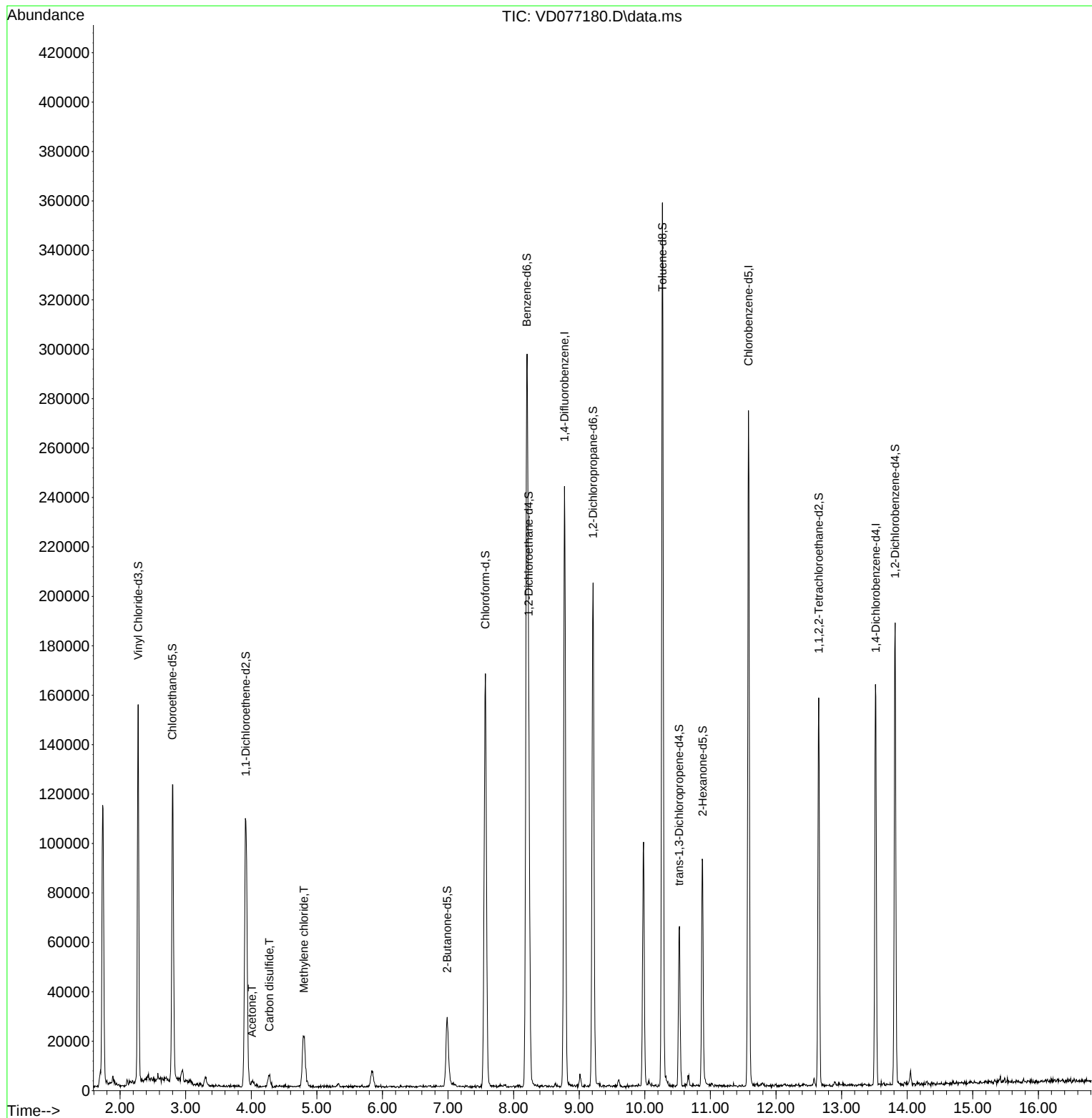
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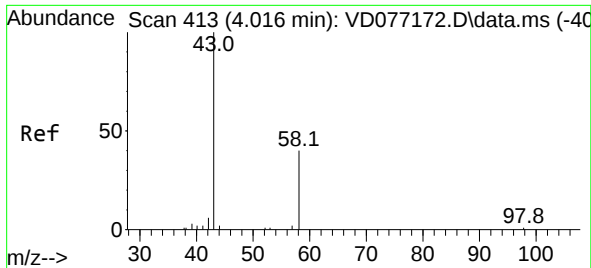
Instrument :
MSVOA_D
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Quant Time: Sep 22 01:32:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 22 01:29:35 2023
Response via : Initial Calibration

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#13

Acetone

Concen: 3.508 ug/L m

RT: 4.011 min Scan# 41

Delta R.T. -0.006 min

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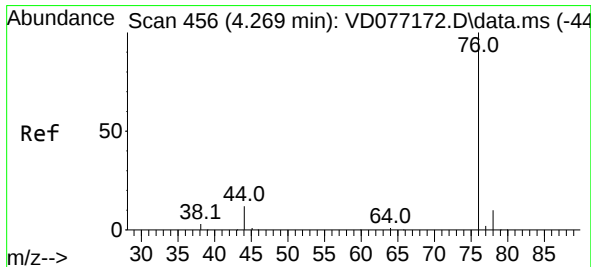
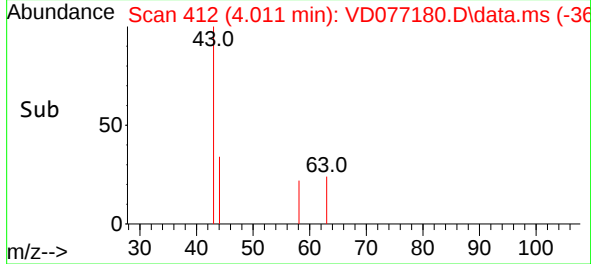
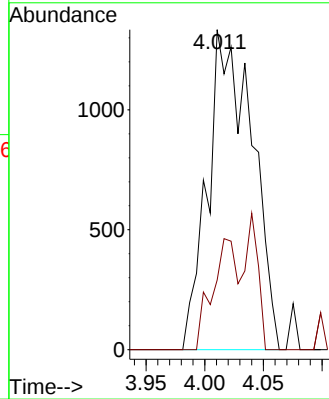
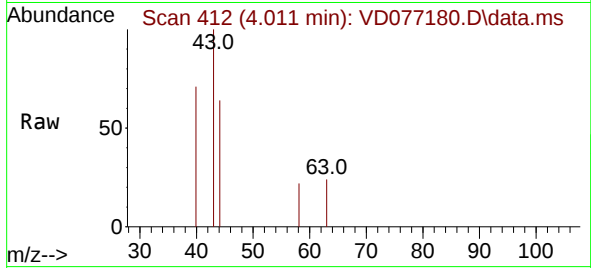
Tgt Ion: 43 Resp: 351
 Ion Ratio Lower Upper
 43 100
 58 14.9 0.0 71.8

Manual Integrations

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#14

Carbon disulfide

Concen: 1.041 ug/L

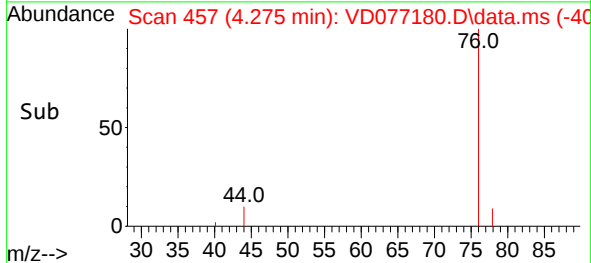
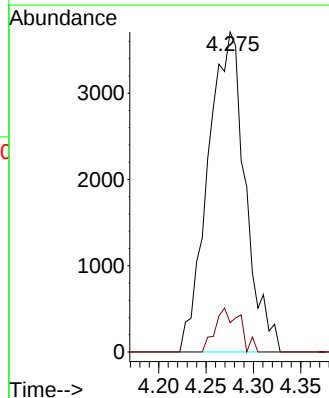
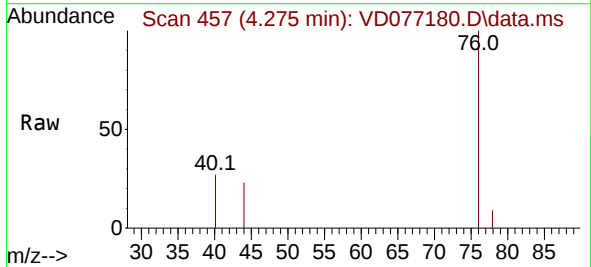
RT: 4.275 min Scan# 457

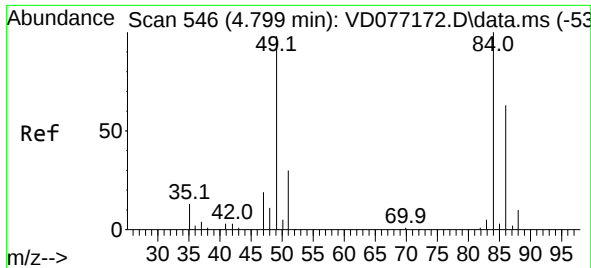
Delta R.T. 0.006 min

Lab File: VD077180.D

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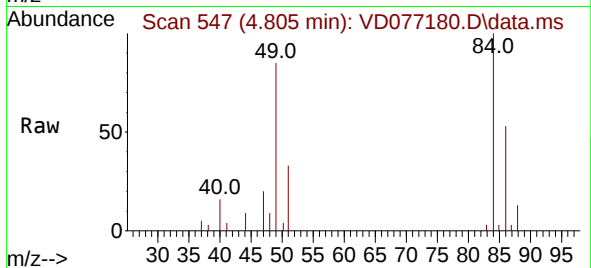
Tgt Ion: 76 Resp: 10178
 Ion Ratio Lower Upper
 76 100
 78 9.1 7.5 11.3





#16
Methylene chloride
Concen: 3.881 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
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Tgt Ion: 84 Resp: 17760
Ion Ratio Lower Upper
84 100
86 53.5 45.3 84.1
49 84.9 69.2 128.6

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