

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075846.D
 Acq On : 26 Apr 2023 20:35
 Operator : KP/SY
 Sample : 02447-20
 Misc : 5.84G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW938

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/27/2023
 Supervised By :Semsettin Yesilyurt 05/01/2023

Quant Time: Apr 27 02:06:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	378713	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	227343	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	46525	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	163476	19.677	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.720%		
7) Chloroethane-d5	2.805	69	156535	21.807	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.240%		
11) 1,1-Dichloroethene-d2	3.916	65	35053	18.301	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	73.200%		
21) 2-Butanone-d5	6.987	46	40975	56.812	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.620%		
24) Chloroform-d	7.569	84	216873	22.900	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.600%		
26) 1,2-Dichloroethane-d4	8.234	65	95501	23.614	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.440%		
32) Benzene-d6	8.204	84	408020	30.793	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	123.160%		
36) 1,2-Dichloropropane-d6	9.210	67	132416	36.104	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	144.400%#		
41) Toluene-d8	10.269	98	275595	22.216	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.880%		
43) trans-1,3-Dichloroprop...	10.528	79	34318	22.638	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.560%		
47) 2-Hexanone-d5	10.881	63	30068	68.088	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	136.180%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96540	34.398	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	137.600%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	37572	22.831	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.320%		
Target Compounds					Qvalue	
13) Acetone	4.034	43	2754m	4.462	ug/L	
14) Carbon disulfide	4.275	76	13661	0.785	ug/L #	94
16) Methylene chloride	4.811	84	18880	2.457	ug/L	95
62) 1,3,5-Trimethylbenzene	12.898	105	3847	0.836	ug/L #	56

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

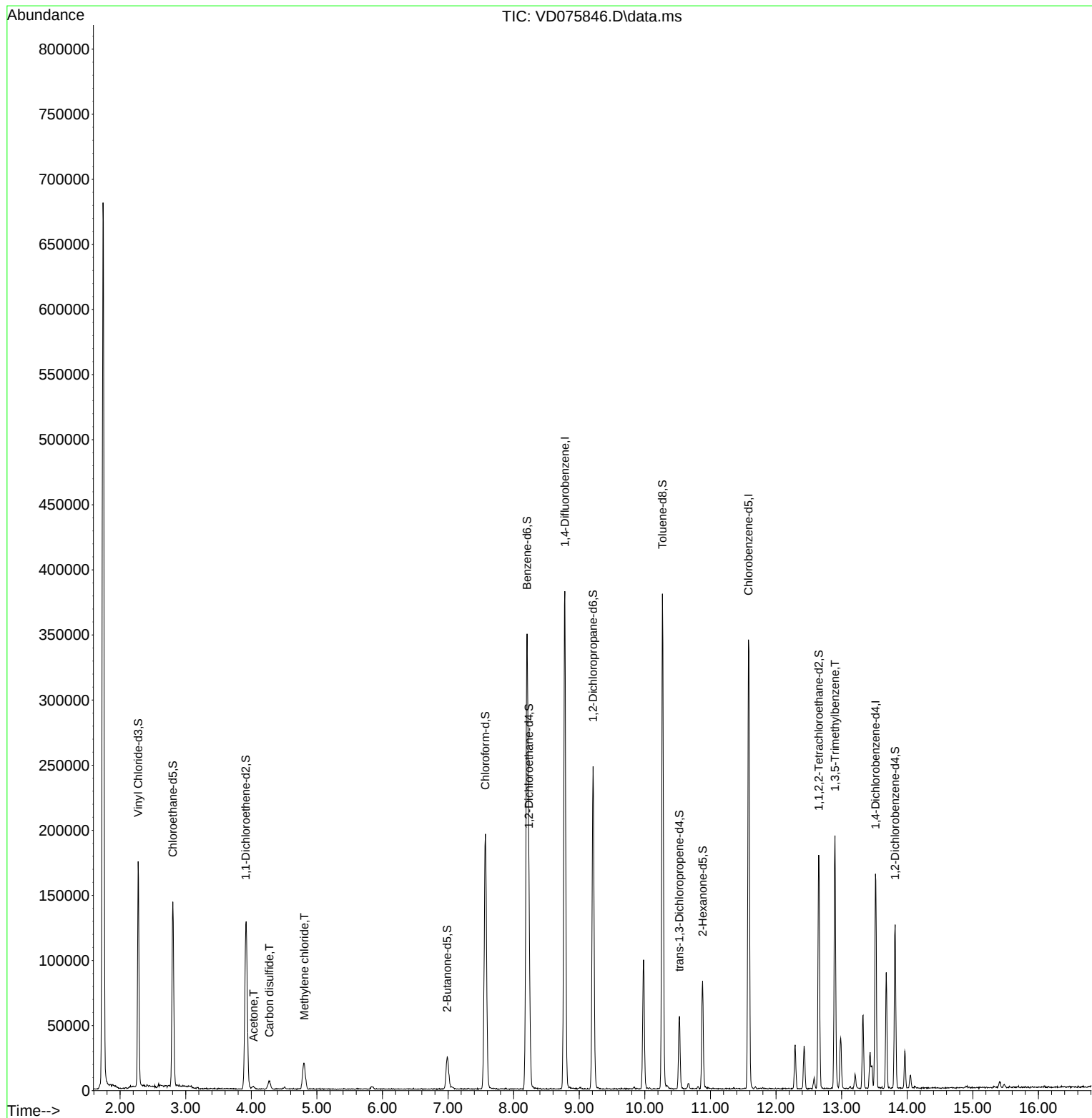
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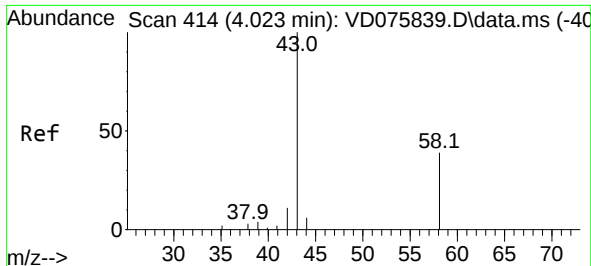
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Quant Title : SFAM01.0
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#13

Acetone

Concen: 4.462 ug/L m

RT: 4.034 min Scan# 41

Delta R.T. 0.012 min

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ClientSampleId :

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Tgt Ion: 43 Resp: 2754

Ion Ratio Lower Upper

43 100

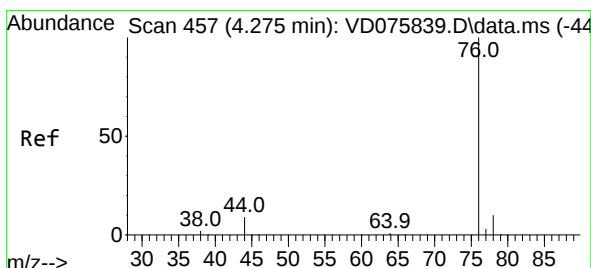
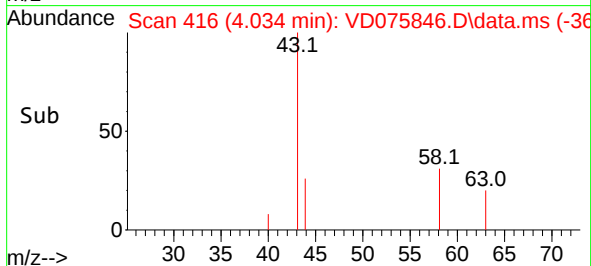
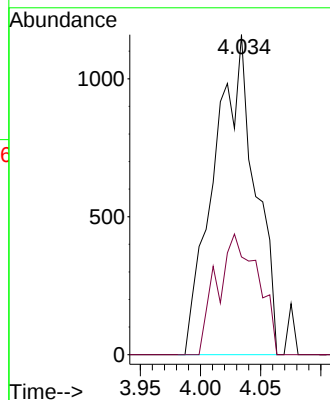
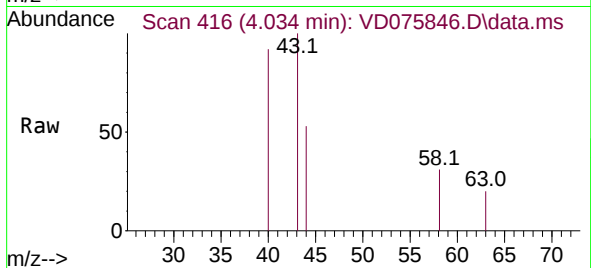
58 8.5 0.0 87.4

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#14

Carbon disulfide

Concen: 0.785 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD075846.D

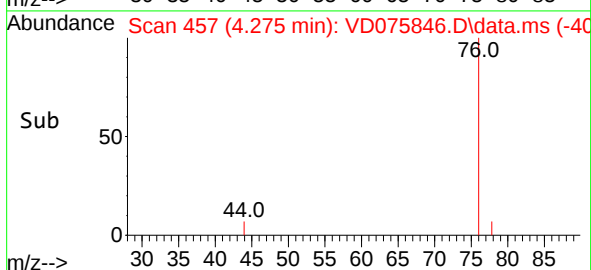
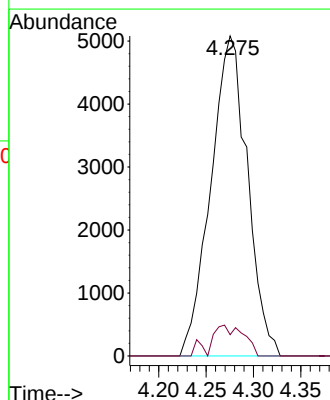
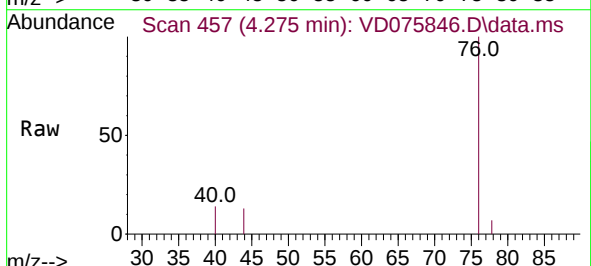
Acq: 26 Apr 2023 20:35

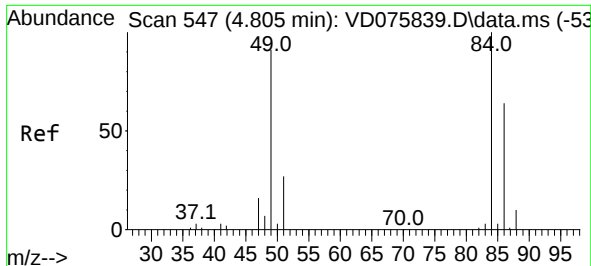
Tgt Ion: 76 Resp: 13661

Ion Ratio Lower Upper

76 100

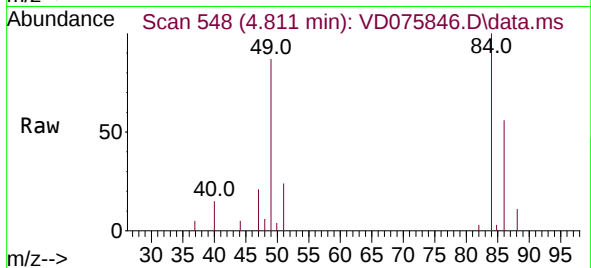
78 6.7 7.0 10.6#





#16
Methylene chloride
Concen: 2.457 ug/L
RT: 4.811 min Scan# 547
Delta R.T. 0.006 min
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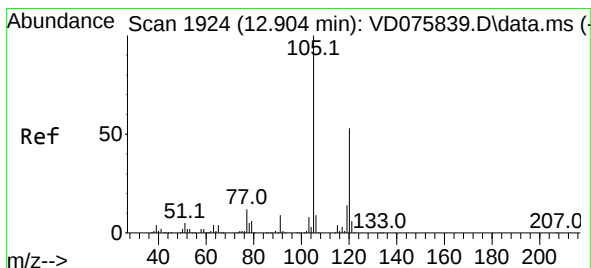
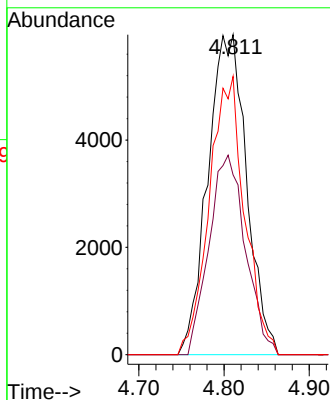
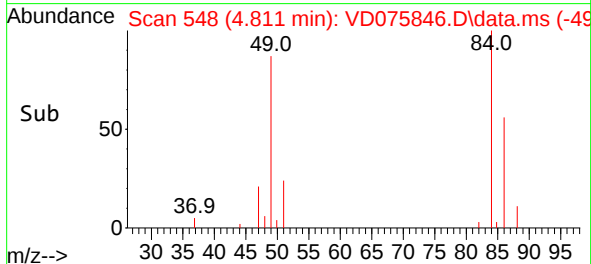
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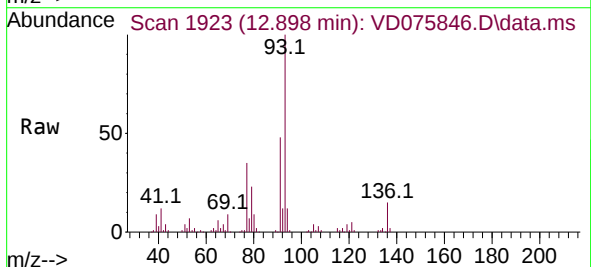
Tgt Ion: 84 Resp: 18880
Ion Ratio Lower Upper
84 100
86 56.2 45.8 85.2
49 87.0 60.8 112.8

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#62
1,3,5-Trimethylbenzene
Concen: 0.836 ug/L
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD075846.D
Acq: 26 Apr 2023 20:35



Tgt Ion:105 Resp: 3847
Ion Ratio Lower Upper
105 100
120 21.8 42.0 63.0#

