

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091323\
 Data File : VD077102.D
 Acq On : 13 Sep 2023 12:59
 Operator : JC/SY
 Sample : VD0913SBL02
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VBLK148

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/16/2023
 Supervised By :Semsettin Yesilyurt 09/18/2023

Quant Time: Sep 14 10:14:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	287270	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	280769	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	130687	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	204835	28.937	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.760%
7) Chloroethane-d5	2.799	69	162146	27.856	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.440%
11) 1,1-Dichloroethene-d2	3.917	65	42494m	26.428	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.720%
21) 2-Butanone-d5	6.981	46	37854	42.450	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.900%
24) Chloroform-d	7.563	84	201788	25.671	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.680%
26) 1,2-Dichloroethane-d4	8.228	65	95279	25.574	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.280%
32) Benzene-d6	8.199	84	401766	25.908	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.640%
36) 1,2-Dichloropropane-d6	9.210	67	117540	26.430	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.720%
41) Toluene-d8	10.269	98	363615	25.615	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.480%
43) trans-1,3-Dichloroprop...	10.528	79	43049	21.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.000%
47) 2-Hexanone-d5	10.881	63	28698	40.404	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	92652	23.370	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.480%
66) 1,2-Dichlorobenzene-d4	13.816	152	113332	27.018	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.080%
Target Compounds						Qvalue
13) Acetone	4.028	43	6710	5.245	ug/L	100
16) Methylene chloride	4.787	84	31930m	5.461	ug/L	
25) Chloroform	7.593	83	5126	0.648	ug/L	78

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

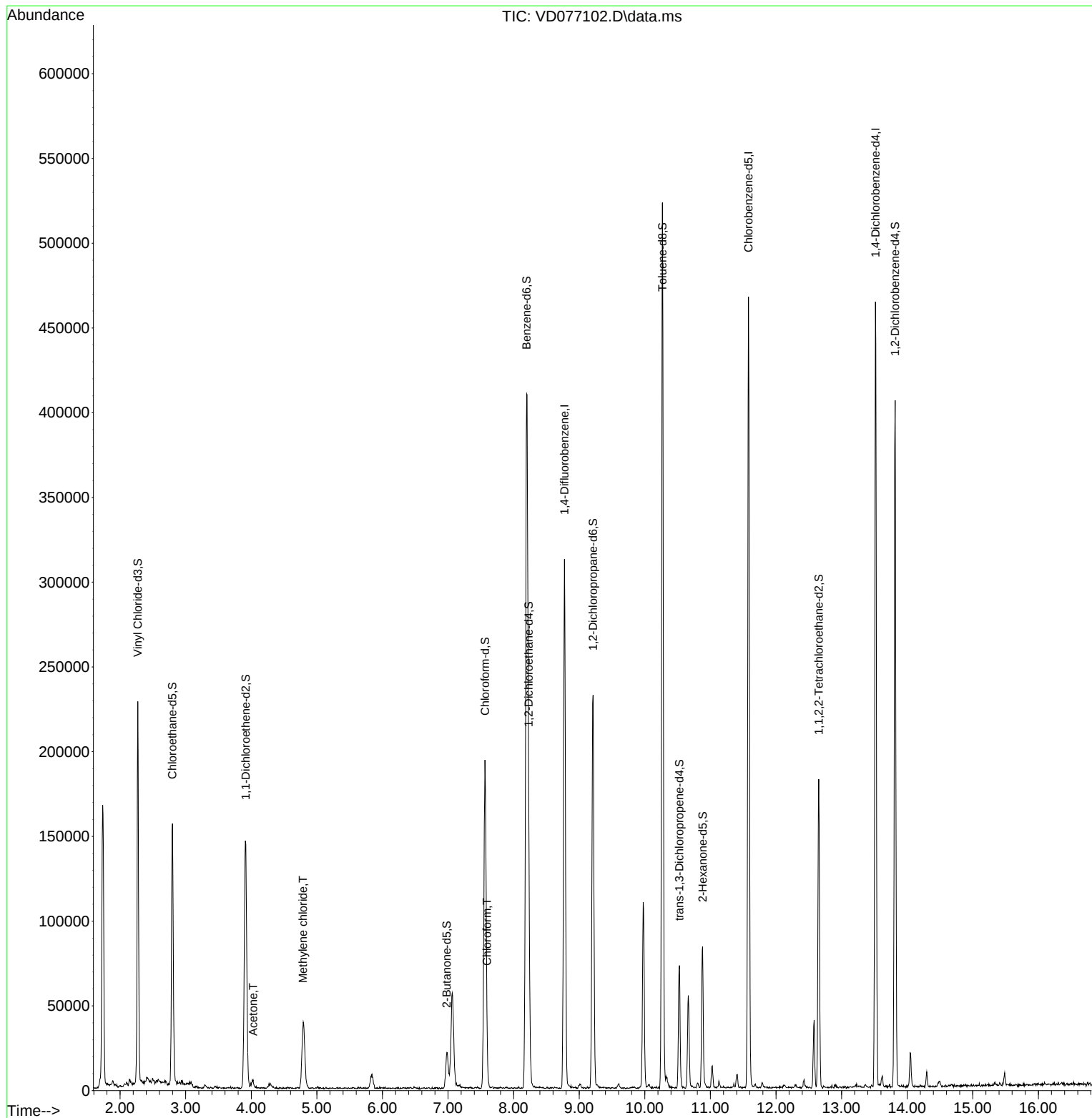
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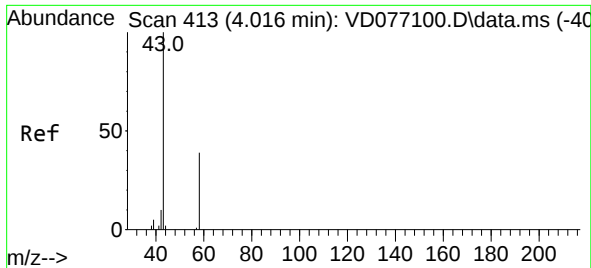
Instrument :
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Quant Title : SFAM01.0
QLast Update : Sat Sep 02 01:35:39 2023
Response via : Initial Calibration





#13

Acetone

Concen: 5.245 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.012 min

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VBLK148

Tgt Ion: 43 Resp: 6710

Ion Ratio Lower Upper

43 100

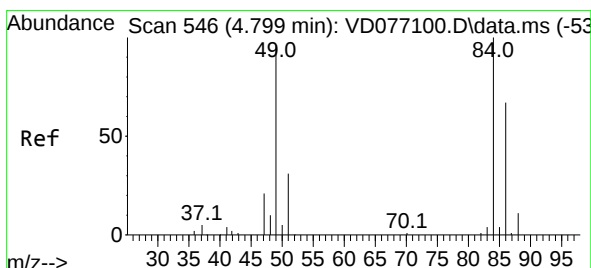
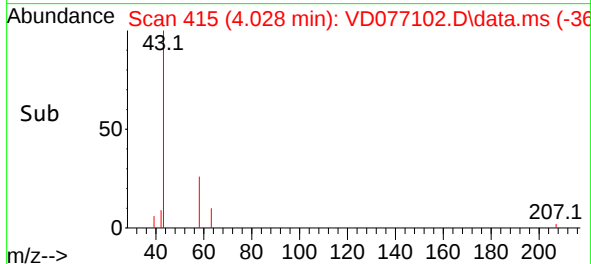
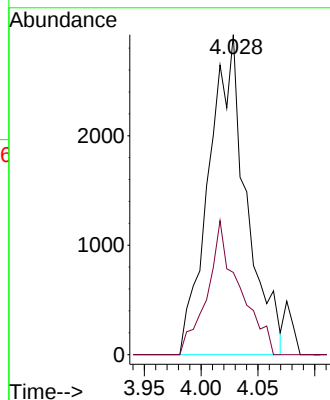
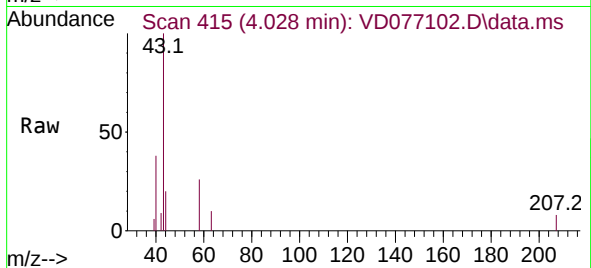
58 35.9 0.0 71.8

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#16

Methylene chloride

Concen: 5.461 ug/L m

RT: 4.787 min Scan# 544

Delta R.T. -0.018 min

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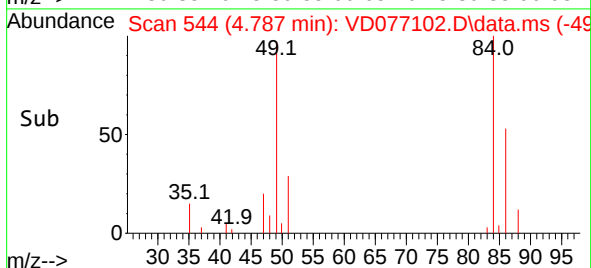
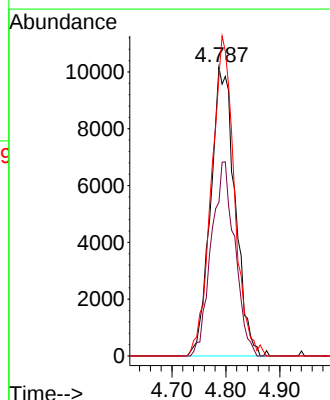
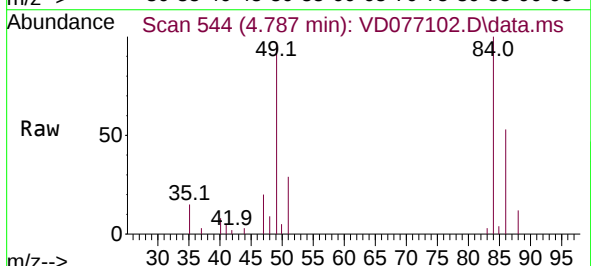
Tgt Ion: 84 Resp: 31930

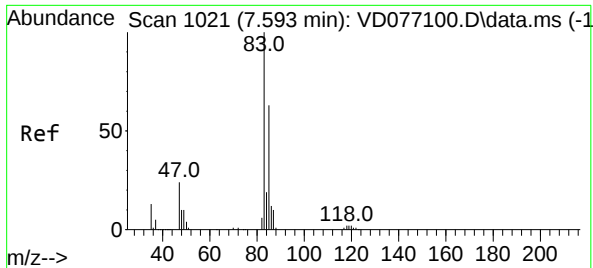
Ion Ratio Lower Upper

84 100

86 53.2 45.3 84.1

49 96.7 69.2 128.6





#25
Chloroform
Concen: 0.648 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
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Tgt Ion: 83 Resp: 5120
Ion Ratio Lower Upper
83 100
85 48.8 46.2 85.8

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