

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076668.D
 Acq On : 30 Jun 2023 17:54
 Operator : KP/SY
 Sample : 03472-22
 Misc : 4.30G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46R3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2023
 Supervised By :Mahesh Dadoda 07/07/2023

Quant Time: Jul 03 01:31:36 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	203728	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	116257	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	33214	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	64821	13.065	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.280%
7) Chloroethane-d5	2.793	69	70648	17.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.440%
11) 1,1-Dichloroethene-d2	3.905	65	20572m	15.885	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.520%
21) 2-Butanone-d5	6.981	46	52904	70.408	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.820%#
24) Chloroform-d	7.563	84	116157	21.641	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.560%
26) 1,2-Dichloroethane-d4	8.228	65	67823	25.614	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.440%
32) Benzene-d6	8.199	84	196269	27.598	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.400%
36) 1,2-Dichloropropane-d6	9.204	67	73546	32.399	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.600%#
41) Toluene-d8	10.269	98	129095	19.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	10.528	79	25929	27.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.840%
47) 2-Hexanone-d5	10.875	63	35534	100.842	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	201.680%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	51042	31.605	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.400%#
66) 1,2-Dichlorobenzene-d4	13.816	152	24162	19.847	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.400%
Target Compounds					Qvalue	
13) Acetone	4.022	43	41856	68.968	ug/L	72
14) Carbon disulfide	4.269	76	7053	0.736	ug/L	97
22) 2-Butanone	7.087	43	19577	19.989	ug/L	90
54) o-Xylene	12.116	106	1311	0.395	ug/L	88
60) Isopropylbenzene	12.416	105	3646	0.718	ug/L #	57

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

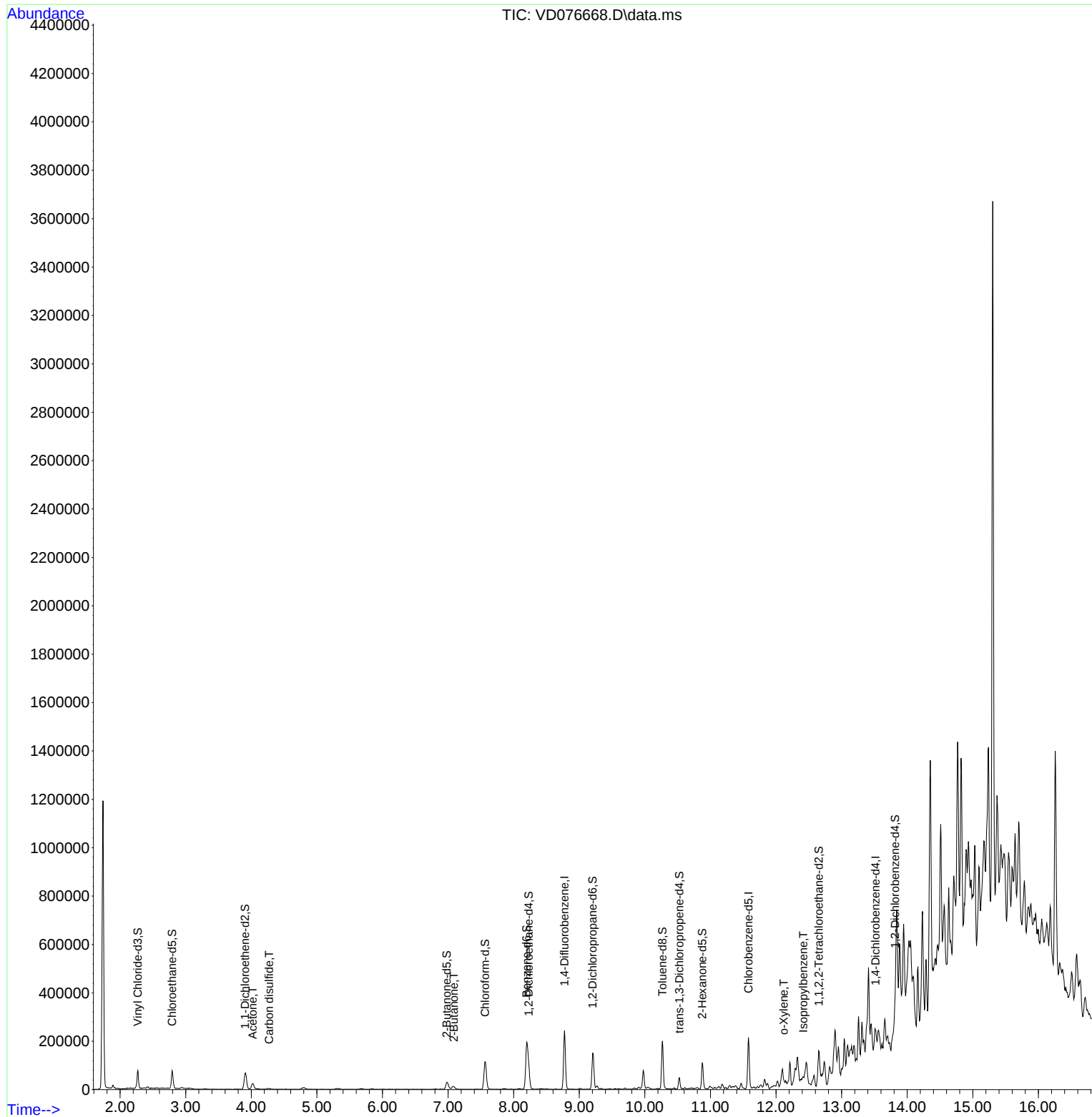
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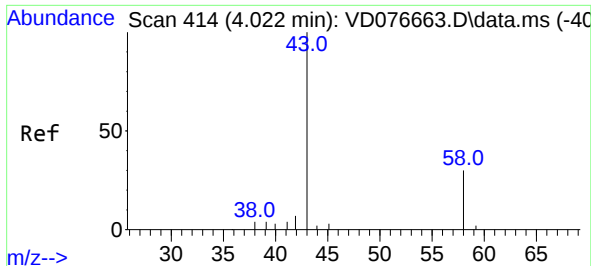
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration





#13

Acetone

Concen: 68.968 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD076668.D

Acq: 30 Jun 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

A46R3

Tgt Ion: 43 Resp: 4185

Ion Ratio Lower Upper

43 100

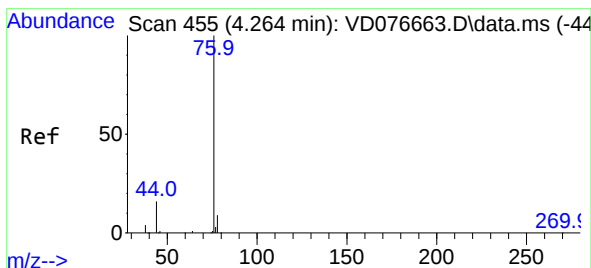
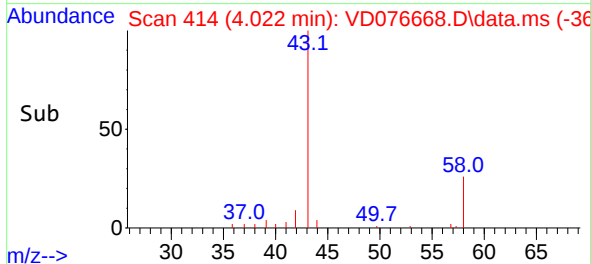
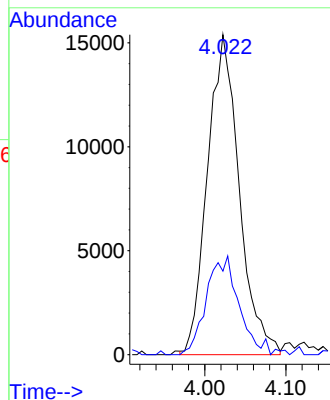
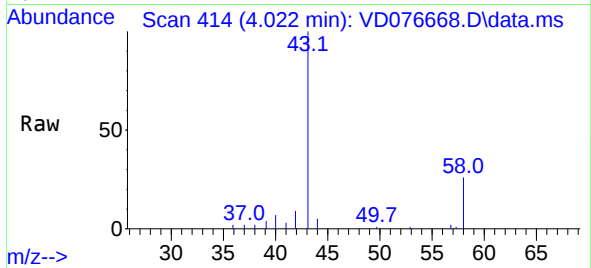
58 17.4 0.0 67.4

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#14

Carbon disulfide

Concen: 0.736 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.006 min

Lab File: VD076668.D

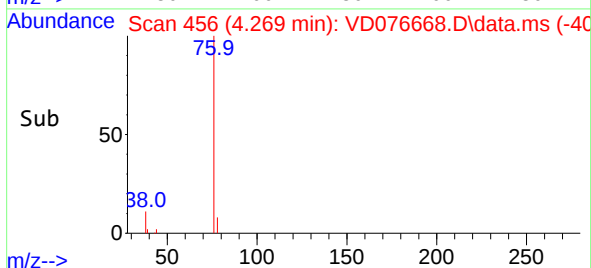
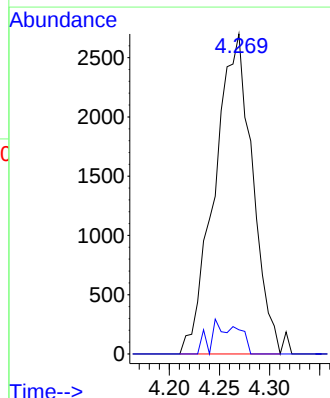
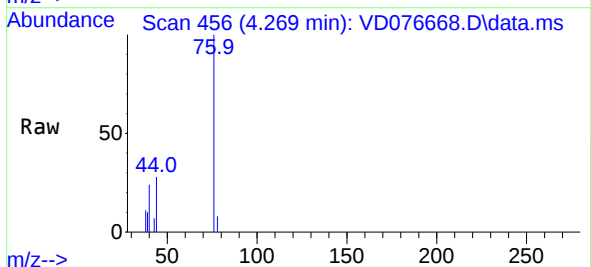
Acq: 30 Jun 2023 17:54

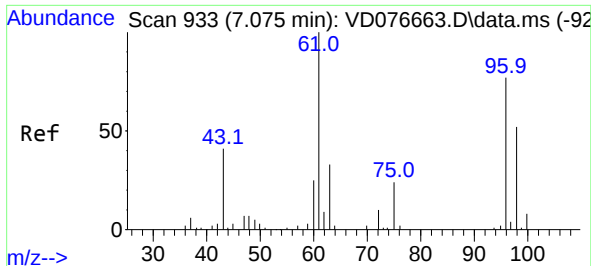
Tgt Ion: 76 Resp: 7053

Ion Ratio Lower Upper

76 100

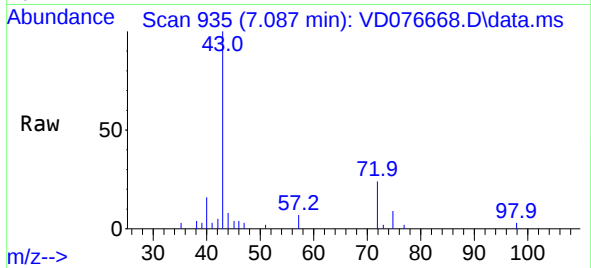
78 7.6 7.0 10.4





#22
2-Butanone
Concen: 19.989 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076668.D
Acq: 30 Jun 2023 17:54

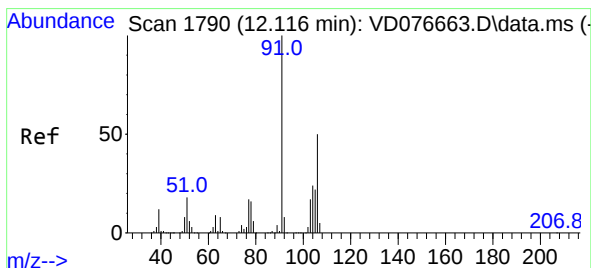
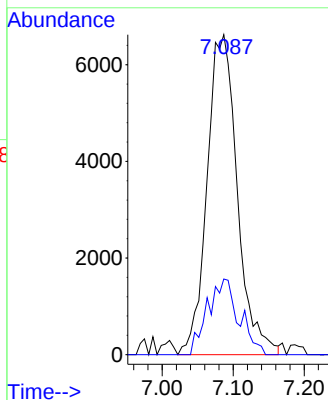
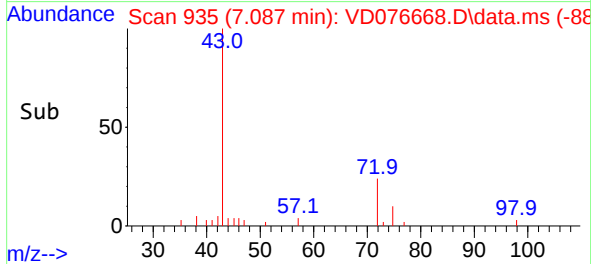
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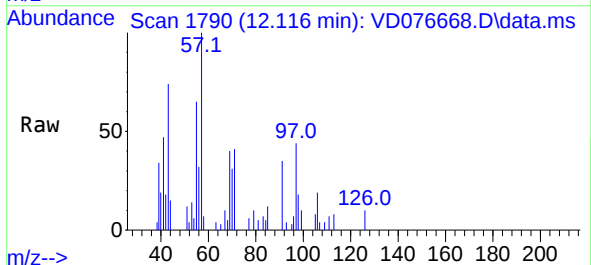
Tgt Ion: 43 Resp: 1957
Ion Ratio Lower Upper
43 100
72 21.0 12.9 38.7

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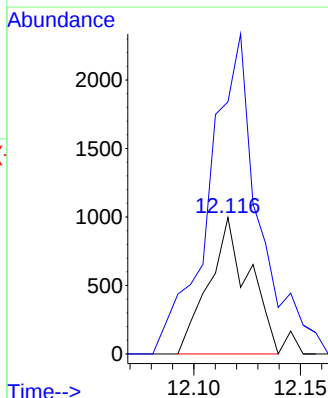
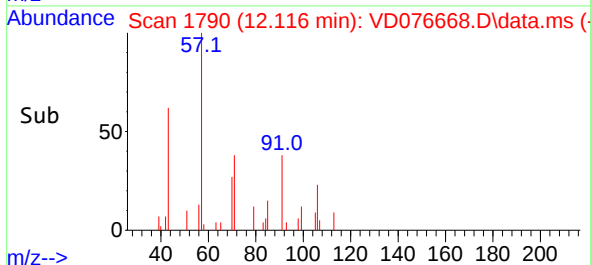
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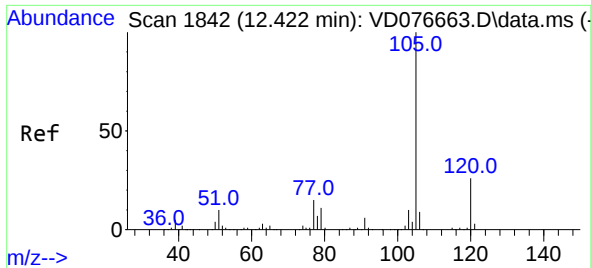


#54
o-Xylene
Concen: 0.395 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD076668.D
Acq: 30 Jun 2023 17:54



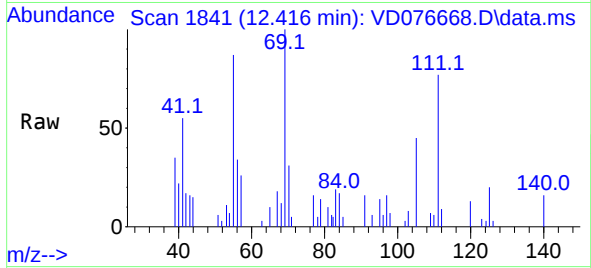
Tgt Ion:106 Resp: 1311
Ion Ratio Lower Upper
106 100
91 184.8 142.2 264.2





#60
Isopropylbenzene
Concen: 0.718 ug/L
RT: 12.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076668.D
Acq: 30 Jun 2023 17:54

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:105 Resp: 3640

Ion	Ratio	Lower	Upper
105	100		
120	23.4	21.3	31.9
77	60.3	12.2	18.4

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