

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076639.D
 Acq On : 29 Jun 2023 15:26
 Operator : KP/SY
 Sample : 03458-15
 Misc : 5.31G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46M8

Quant Time: Jun 30 01:15:51 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)

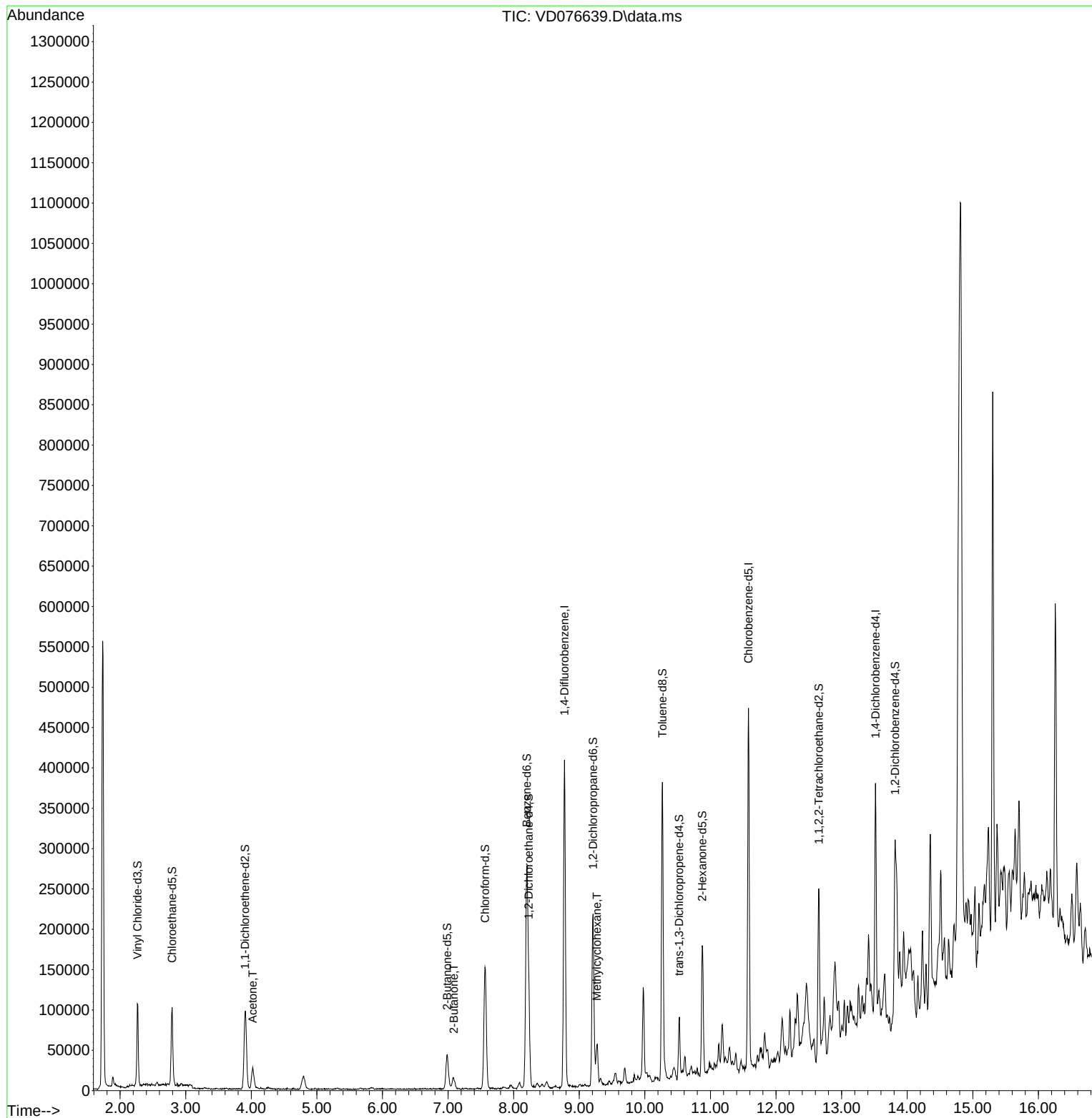
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	346779	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	253351	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	78804	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	88017	10.422	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.680%
7) Chloroethane-d5	2.793	69	89922	13.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.680%
11) 1,1-Dichloroethene-d2	3.905	65	29135	13.217	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.880%
21) 2-Butanone-d5	6.987	46	71927	56.237	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.480%
24) Chloroform-d	7.563	84	159348	17.441	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.760%
26) 1,2-Dichloroethane-d4	8.228	65	92159	20.447	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.800%
32) Benzene-d6	8.199	84	282788	18.247	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.000%
36) 1,2-Dichloropropane-d6	9.210	67	99852	20.185	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.720%
41) Toluene-d8	10.269	98	225641	15.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.880%
43) trans-1,3-Dichloroprop...	10.522	79	39067	18.987	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.960%
47) 2-Hexanone-d5	10.875	63	54684	71.212	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.420%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94379	26.816	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.280%
66) 1,2-Dichlorobenzene-d4	13.816	152	50770	17.577	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.320%#
Target Compounds					Qvalue	
13) Acetone	4.022	43	43417	42.029	ug/L	97
22) 2-Butanone	7.087	43	20259	12.152	ug/L	81
35) Methylcyclohexane	9.269	83	18206	2.621	ug/L #	74

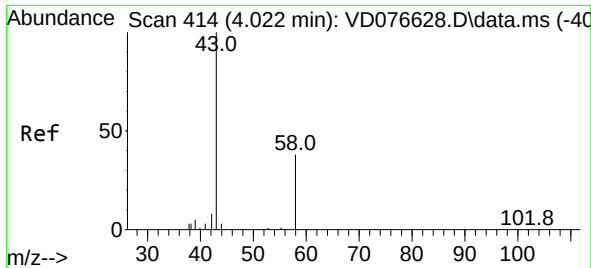
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration





#13

Acetone

Concen: 42.029 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD076639.D

Acq: 29 Jun 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

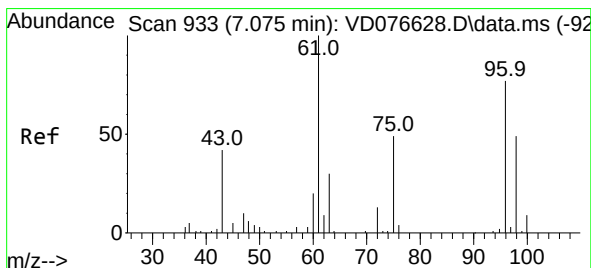
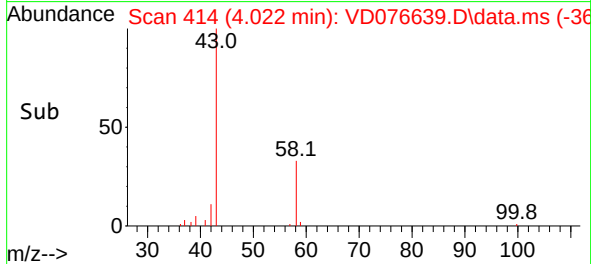
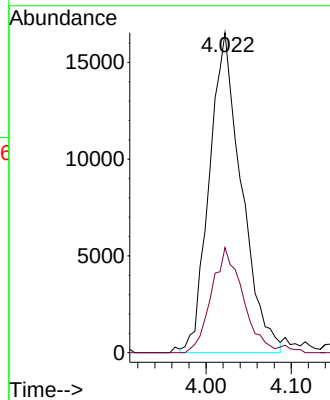
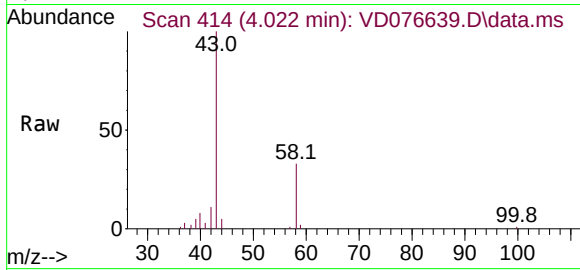
A46M8

Tgt Ion: 43 Resp: 43417

Ion Ratio Lower Upper

43 100

58 31.9 0.0 67.4



#22

2-Butanone

Concen: 12.152 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD076639.D

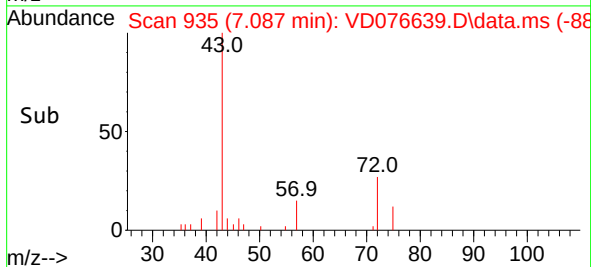
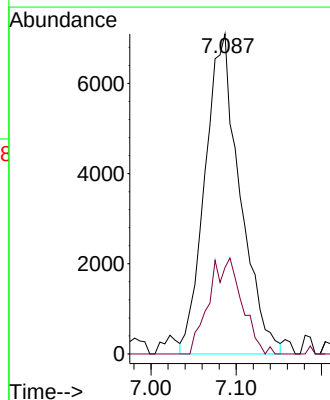
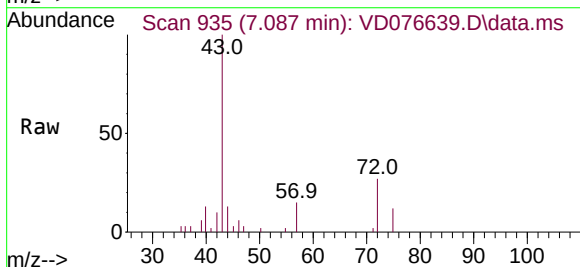
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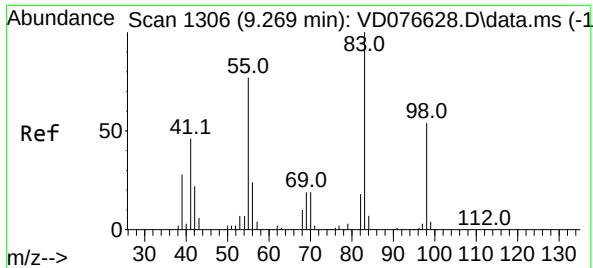
Tgt Ion: 43 Resp: 20259

Ion Ratio Lower Upper

43 100

72 16.1 12.9 38.7





#35
Methylcyclohexane
Concen: 2.621 ug/L
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076639.D
Acq: 29 Jun 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :
A46M8

Tgt Ion: 83 Resp: 18206
Ion Ratio Lower Upper
83 100
55 106.7 59.8 89.6#
98 52.6 37.8 56.6

