

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062723\
 Data File : VD076601.D
 Acq On : 27 Jun 2023 19:00
 Operator : KP/SY
 Sample : 03422-16
 Misc : 5.17G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46L0

Quant Time: Jun 28 05:06:23 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)

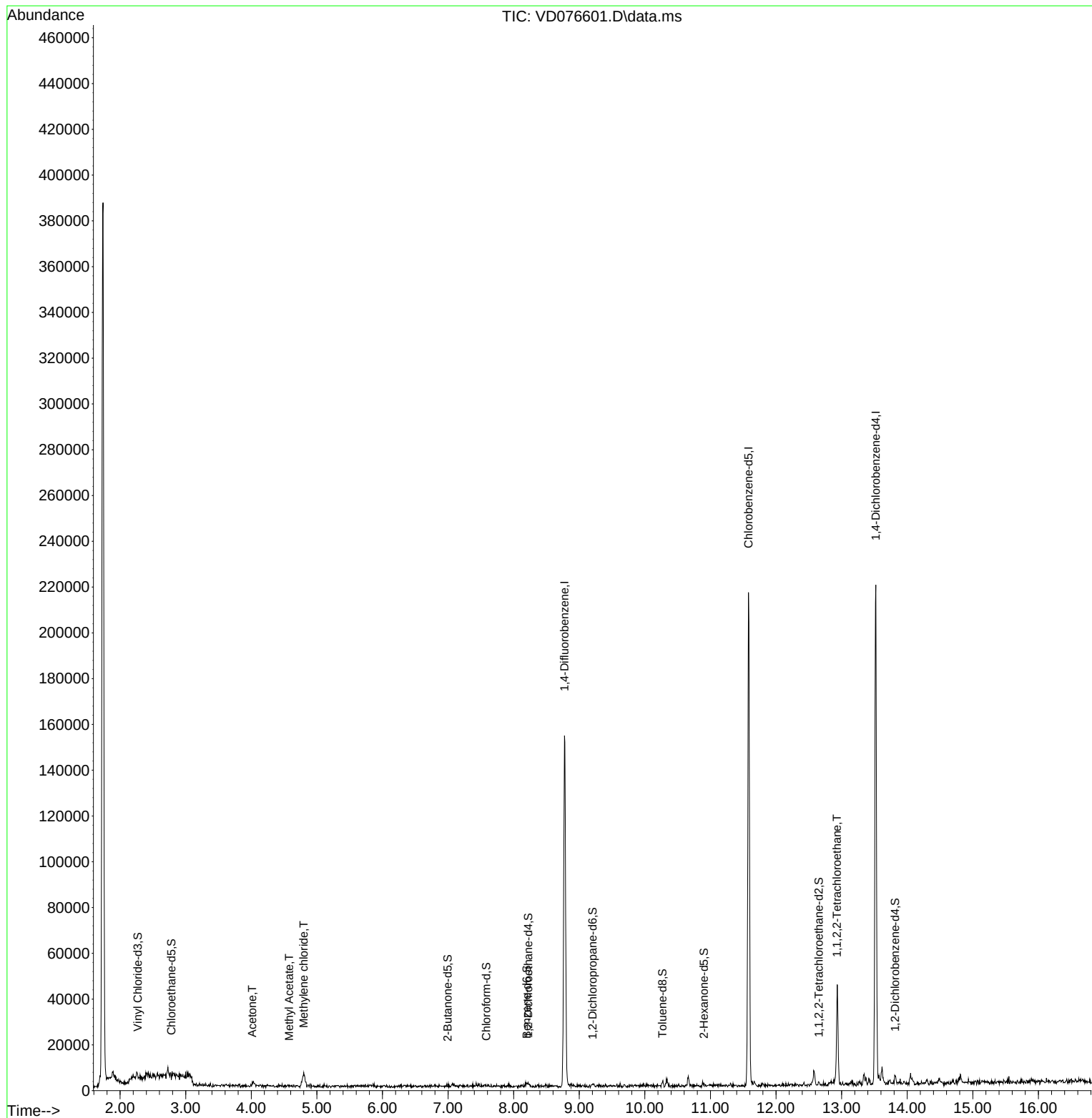
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	131307	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	121983	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	57425	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	410	0.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.520%#
7) Chloroethane-d5	2.781	69	71	0.027	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.120%#
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.000%#
21) 2-Butanone-d5	6.993	46	73	0.151	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.300%#
24) Chloroform-d	7.581	84	442	0.128	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.520%#
26) 1,2-Dichloroethane-d4	8.222	65	255	0.149	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.600%#
32) Benzene-d6	8.199	84	1267	0.170	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	0.680%#
36) 1,2-Dichloropropane-d6	9.204	67	318	0.134	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	0.520%#
41) Toluene-d8	10.269	98	1622	0.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	0.920%#
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.000%#
47) 2-Hexanone-d5	10.898	63	78	0.211	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.420%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	796	0.470	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	1.880%#
66) 1,2-Dichlorobenzene-d4	13.816	152	674	0.320	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	1.280%#
Target Compounds						Qvalue
13) Acetone	4.016	43	1398	3.574	ug/L	90
15) Methyl Acetate	4.575	43	314	0.352	ug/L #	53
16) Methylene chloride	4.799	84	3663	1.605	ug/L #	81
57) 1,1,2,2-Tetrachloroethane	12.928	83	612	0.355	ug/L #	36

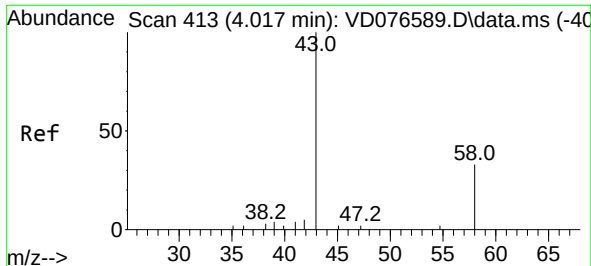
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.574 ug/L

RT: 4.016 min Scan# 413

Delta R.T. -0.006 min

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Instrument :

MSVOA_D

ClientSampleId :

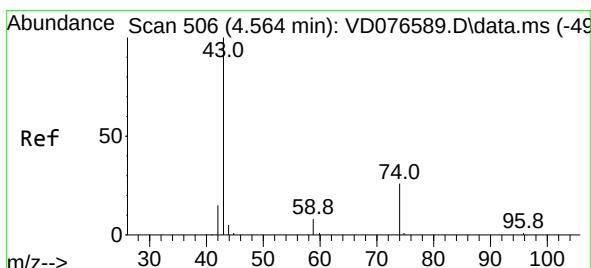
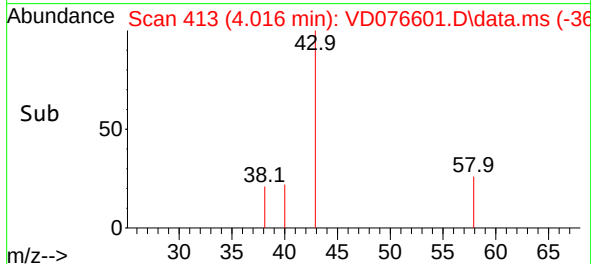
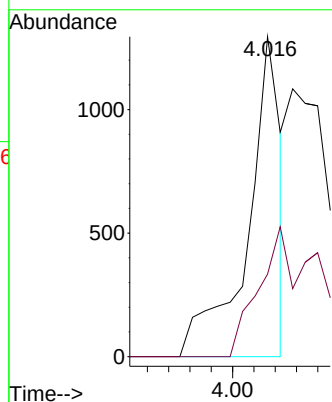
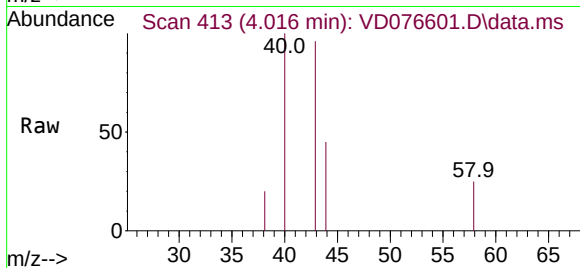
A46L0

Tgt Ion: 43 Resp: 1398

Ion Ratio Lower Upper

43 100

58 39.5 0.0 67.4



#15

Methyl Acetate

Concen: 0.352 ug/L

RT: 4.575 min Scan# 508

Delta R.T. 0.018 min

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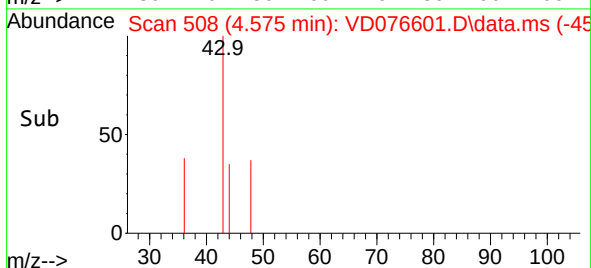
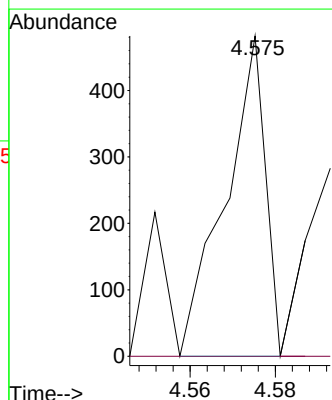
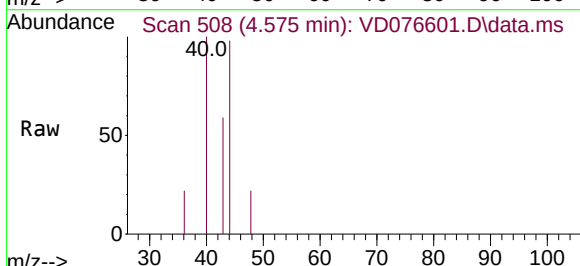
Acq: 27 Jun 2023 19:00

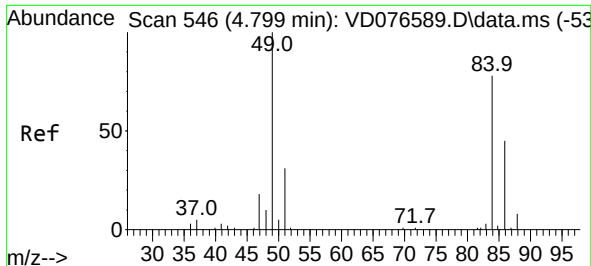
Tgt Ion: 43 Resp: 314

Ion Ratio Lower Upper

43 100

74 0.0 18.2 27.2#

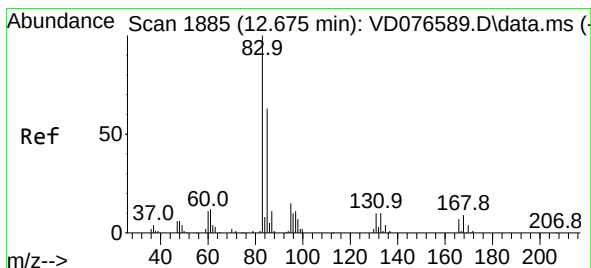
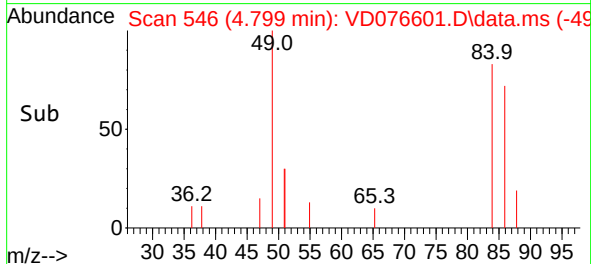
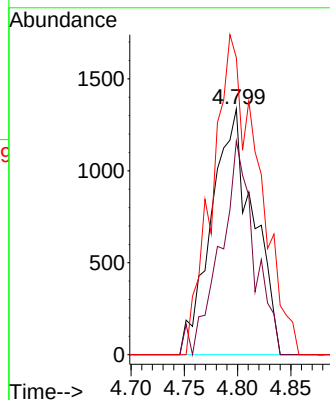
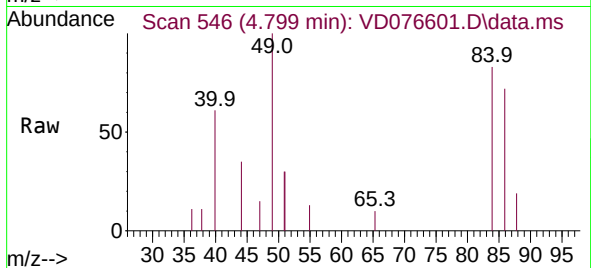




#16
Methylene chloride
Concen: 1.605 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.012 min
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Instrument :
MSVOA_D
ClientSampleId :
A46L0

Tgt Ion: 84 Resp: 3663
Ion Ratio Lower Upper
84 100
86 87.0 45.1 83.9#
49 120.9 97.2 180.6



#57
1,1,2,2-Tetrachloroethane
Concen: 0.355 ug/L
RT: 12.928 min Scan# 1928
Delta R.T. 0.253 min
Lab File: VD076601.D
Acq: 27 Jun 2023 19:00

Tgt Ion: 83 Resp: 612
Ion Ratio Lower Upper
83 100
85 121.2 46.3 86.1#
131 0.0 7.0 10.4#

