

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076638.D
 Acq On : 29 Jun 2023 14:57
 Operator : KP/SY
 Sample : 03458-13RE
 Misc : 5.16G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46M6RE

Quant Time: Jun 30 01:15:45 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)

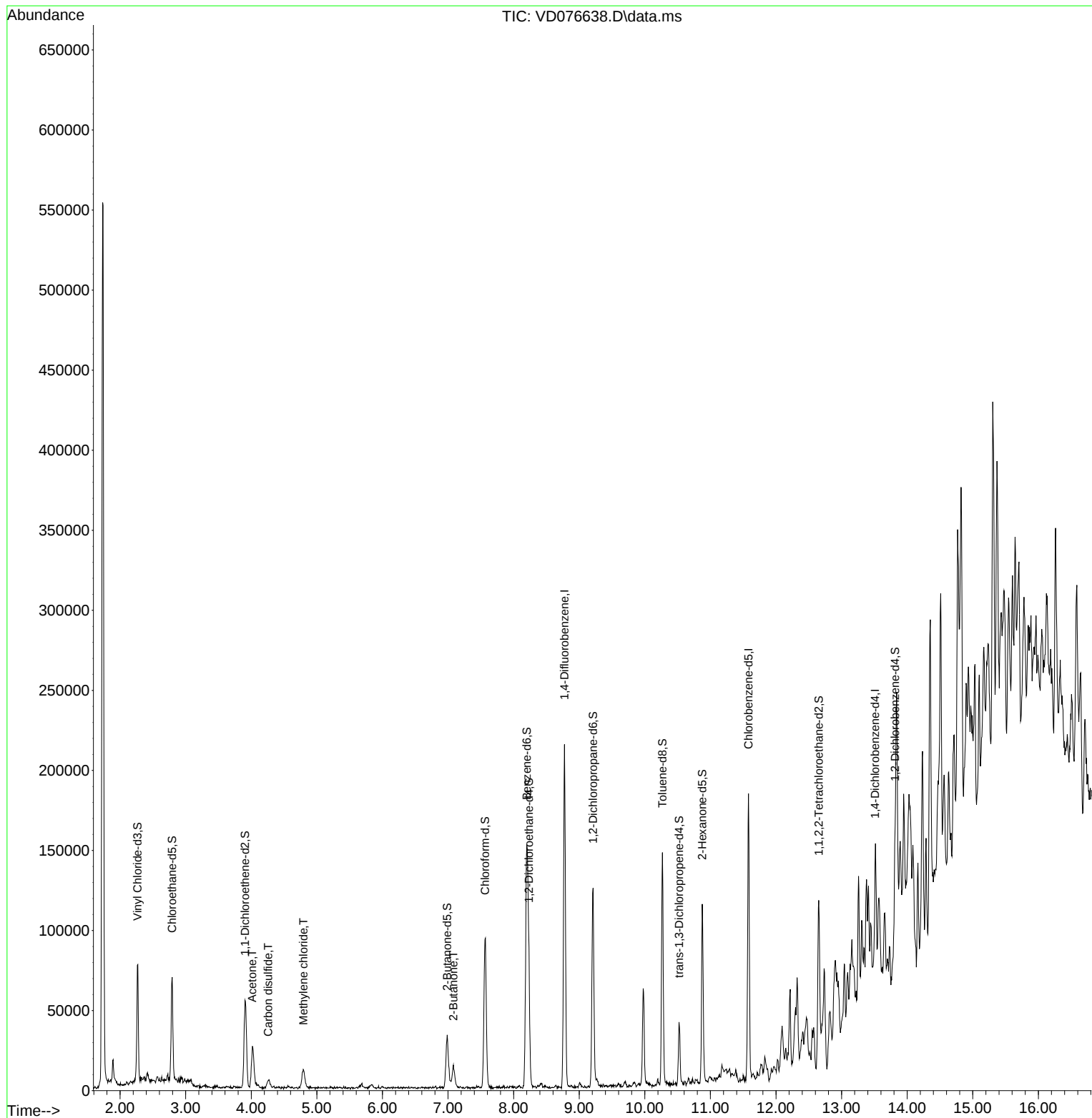
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	178749	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	95004	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.510	152	24724	25.000	ug/L	-0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	62603	14.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.520%
7) Chloroethane-d5	2.793	69	62140	17.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	3.905	65	15824	13.926	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.720%
21) 2-Butanone-d5	6.987	46	57826	87.713	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	175.420%#
24) Chloroform-d	7.563	84	94158	19.994	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.960%
26) 1,2-Dichloroethane-d4	8.234	65	59533	25.625	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.520%
32) Benzene-d6	8.199	84	154879	26.650	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	9.210	67	59710	32.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.760%#
41) Toluene-d8	10.269	98	94711	17.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	10.522	79	22025	28.546	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.200%
47) 2-Hexanone-d5	10.875	63	37344	129.686	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	259.380%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	43426	32.904	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.600%#
66) 1,2-Dichlorobenzene-d4	13.816	152	14149	15.613	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	62.440%#
Target Compounds					Qvalue	
13) Acetone	4.017	43	44909	84.340	ug/L	96
14) Carbon disulfide	4.258	76	9543	1.135	ug/L	96
16) Methylene chloride	4.793	84	8425	2.712	ug/L	84
22) 2-Butanone	7.081	43	21184	24.652	ug/L	76

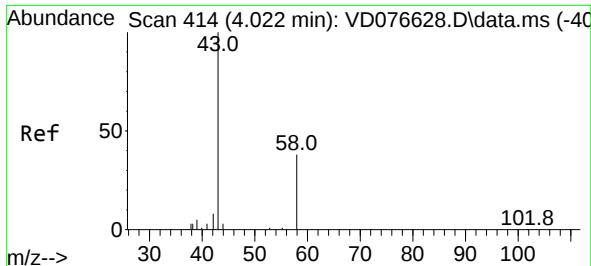
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration





#13

Acetone

Concen: 84.340 ug/L

RT: 4.017 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD076638.D

Acq: 29 Jun 2023 14:57

Instrument :

MSVOA_D

ClientSampleId :

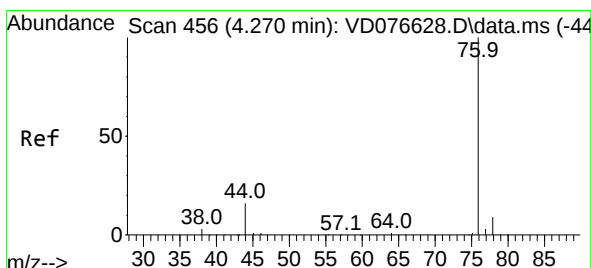
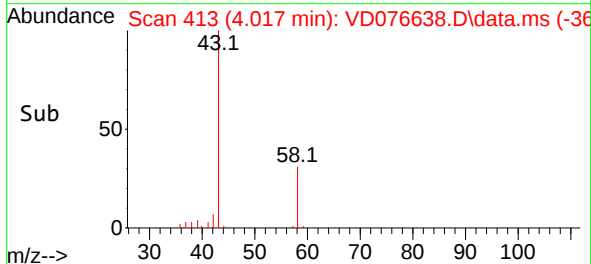
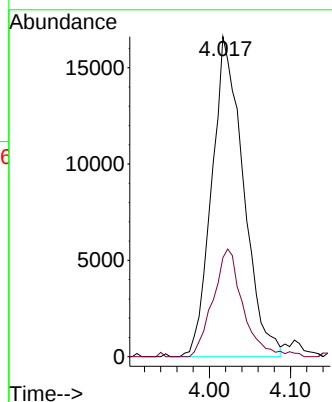
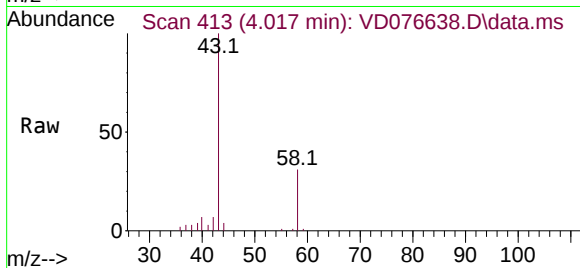
A46M6RE

Tgt Ion: 43 Resp: 44909

Ion Ratio Lower Upper

43 100

58 31.6 0.0 67.4



#14

Carbon disulfide

Concen: 1.135 ug/L

RT: 4.258 min Scan# 454

Delta R.T. -0.006 min

Lab File: VD076638.D

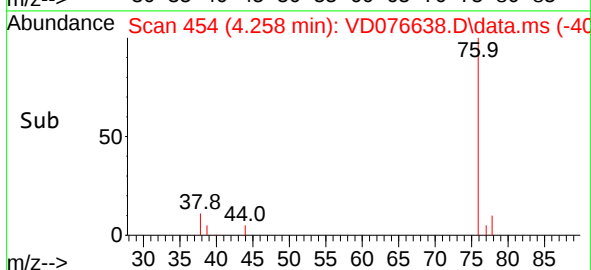
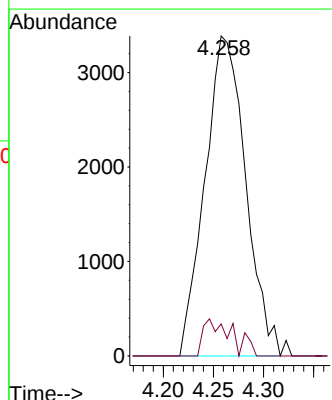
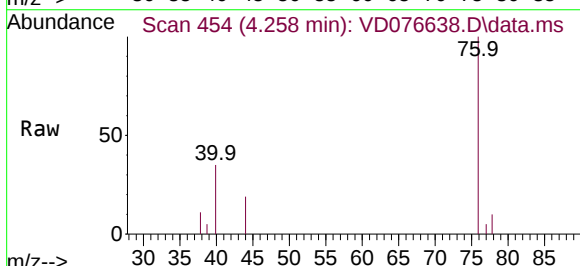
Acq: 29 Jun 2023 14:57

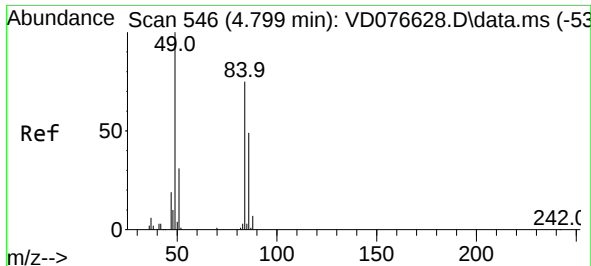
Tgt Ion: 76 Resp: 9543

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.4

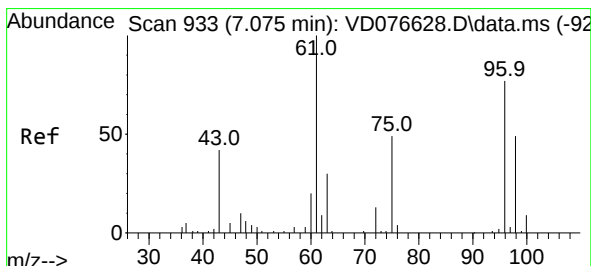
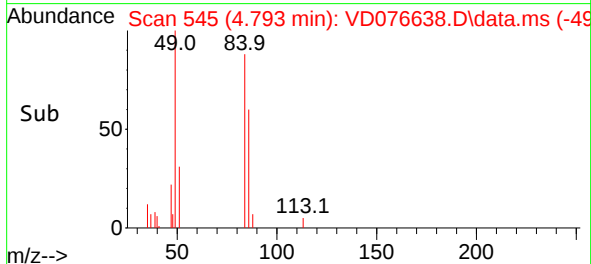
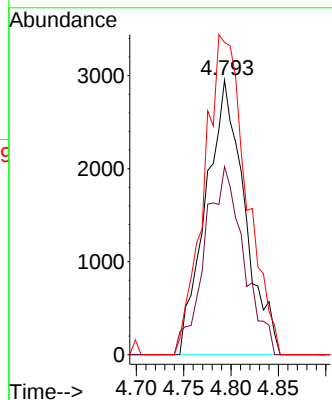
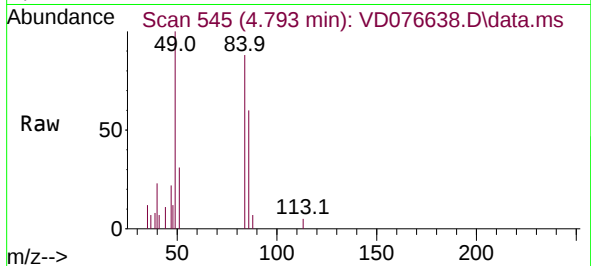




#16
Methylene chloride
Concen: 2.712 ug/L
RT: 4.793 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD076638.D
Acq: 29 Jun 2023 14:57

Instrument :
MSVOA_D
ClientSampleId :
A46M6RE

Tgt Ion: 84 Resp: 8425
Ion Ratio Lower Upper
84 100
86 68.5 45.1 83.9
49 113.8 97.2 180.6



#22
2-Butanone
Concen: 24.652 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD076638.D
Acq: 29 Jun 2023 14:57

Tgt Ion: 43 Resp: 21184
Ion Ratio Lower Upper
43 100
72 13.8 12.9 38.7

