

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076684.D
 Acq On : 03 Jul 2023 11:28
 Operator : KP/SY
 Sample : 03444-07
 Misc : 4.31G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46Q1RE

Quant Time: Jul 04 01:09:37 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)

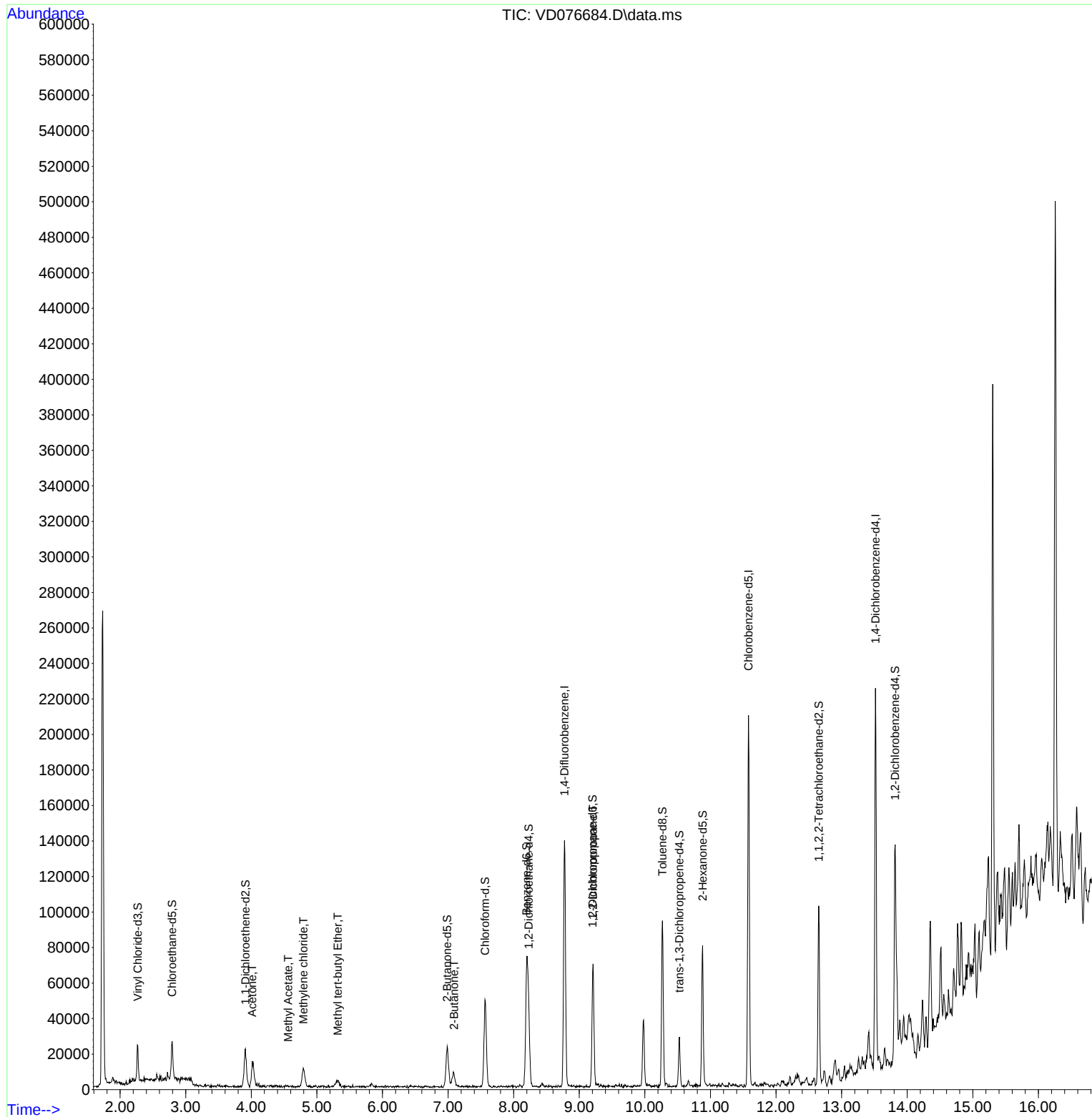
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	123855	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	114866	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	54726	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	16961	5.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	22.480%#
7) Chloroethane-d5	2.793	69	19550	8.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	32.080%
11) 1,1-Dichloroethene-d2	3.910	65	5458	6.932	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	27.720%#
21) 2-Butanone-d5	6.987	46	39172	85.753	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	171.500%#
24) Chloroform-d	7.563	84	49513	15.174	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	60.680%
26) 1,2-Dichloroethane-d4	8.228	65	30106	18.702	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.800%
32) Benzene-d6	8.198	84	73518	10.463	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	41.840%
36) 1,2-Dichloropropane-d6	9.204	67	32213	14.362	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	57.440%#
41) Toluene-d8	10.269	98	63545	9.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	39.080%
43) trans-1,3-Dichloroprop...	10.528	79	14030	15.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.160%
47) 2-Hexanone-d5	10.881	63	26737	76.796	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.600%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	47861	29.994	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	30065	14.988	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	59.960%#
Target Compounds						
					Qvalue	
13) Acetone	4.016	43	21826	59.156	ug/L	72
15) Methyl Acetate	4.563	43	454	0.539	ug/L #	53
16) Methylene chloride	4.793	84	7072	3.285	ug/L	81
18) Methyl tert-butyl Ether	5.316	73	3044	0.746	ug/L #	55
22) 2-Butanone	7.093	43	9584	16.096	ug/L	79
37) 1,2-Dichloropropane	9.210	63	3625	1.749	ug/L #	88

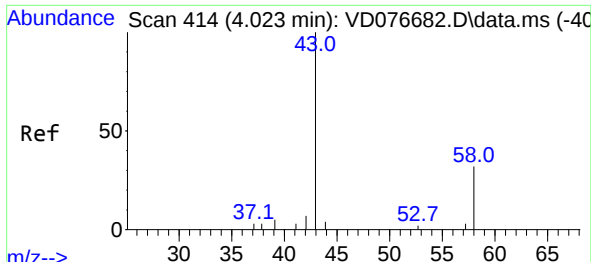
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration





#13

Acetone

Concen: 59.156 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD076684.D

Acq: 03 Jul 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

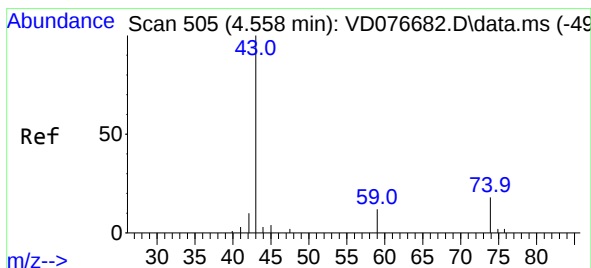
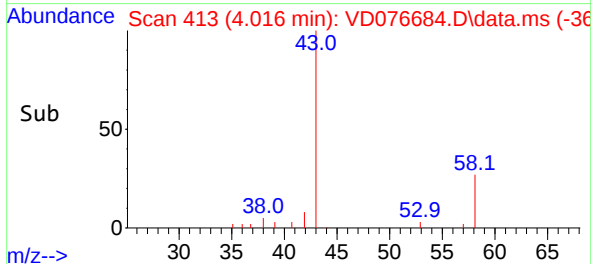
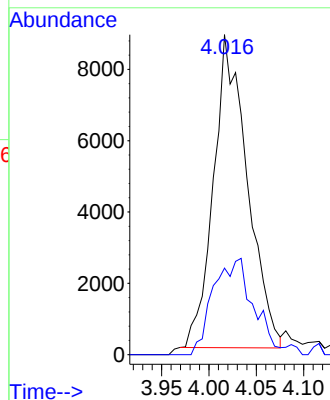
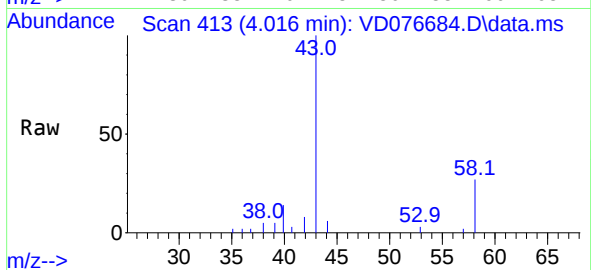
A46Q1RE

Tgt Ion: 43 Resp: 21826

Ion Ratio Lower Upper

43 100

58 17.7 0.0 67.4



#15

Methyl Acetate

Concen: 0.539 ug/L

RT: 4.563 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD076684.D

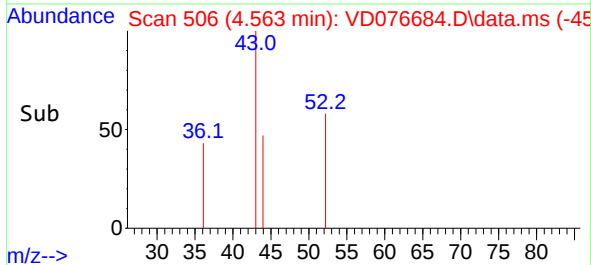
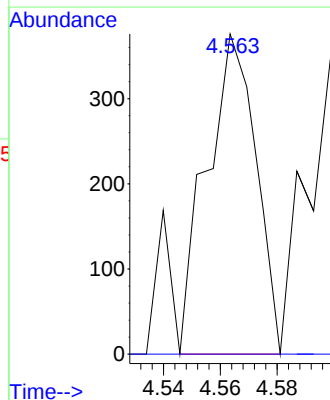
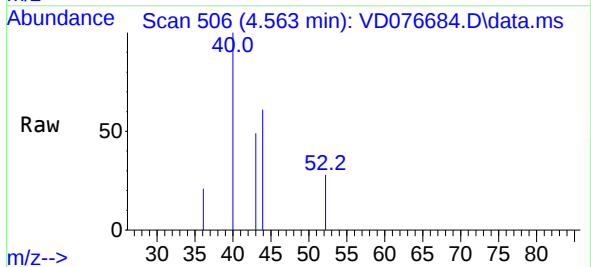
Acq: 03 Jul 2023 11:28

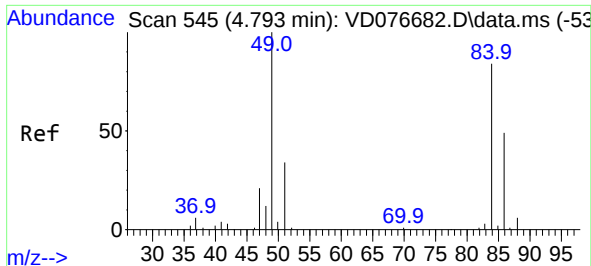
Tgt Ion: 43 Resp: 454

Ion Ratio Lower Upper

43 100

74 0.0 18.2 27.2#



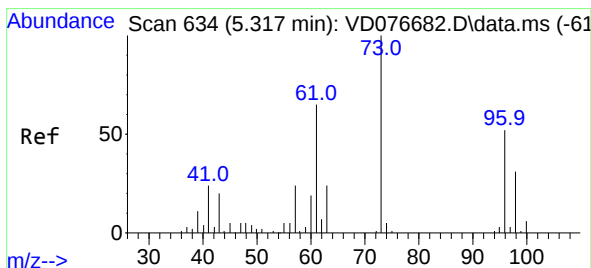
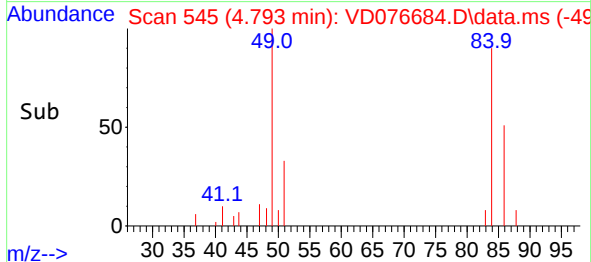
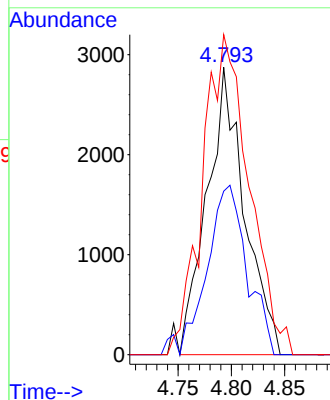
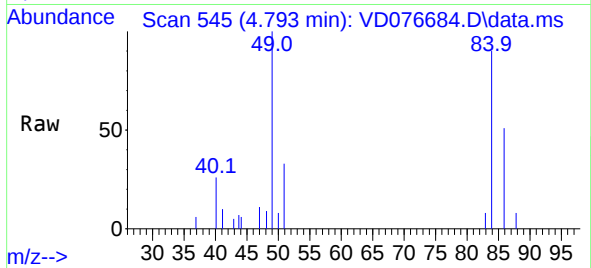


#16
Methylene chloride
Concen: 3.285 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076684.D
Acq: 03 Jul 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :
A46Q1RE

Tgt Ion: 84 Resp: 7072

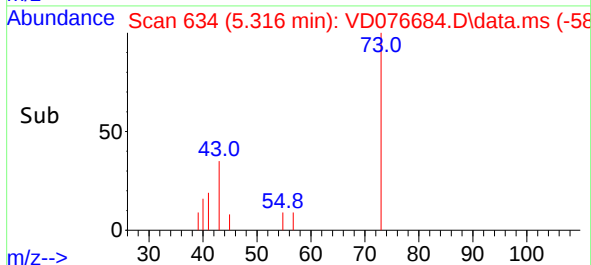
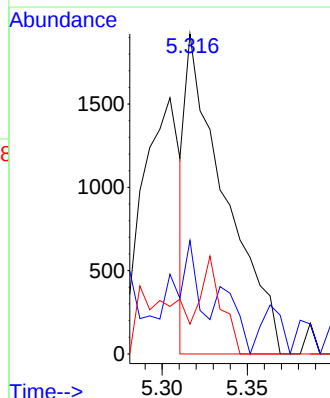
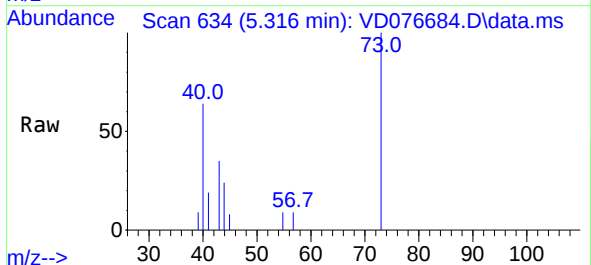
Ion	Ratio	Lower	Upper
84	100		
86	56.9	45.1	83.9
49	111.3	97.2	180.6

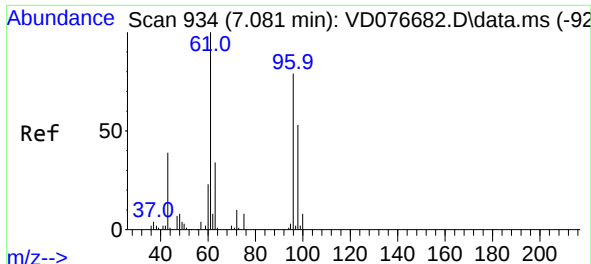


#18
Methyl tert-butyl Ether
Concen: 0.746 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD076684.D
Acq: 03 Jul 2023 11:28

Tgt Ion: 73 Resp: 3044

Ion	Ratio	Lower	Upper
73	100		
43	22.7	7.2	10.8#
57	0.0	18.6	28.0#

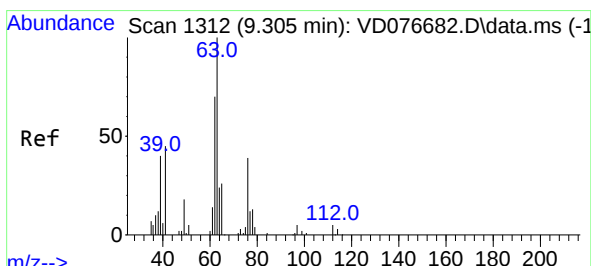
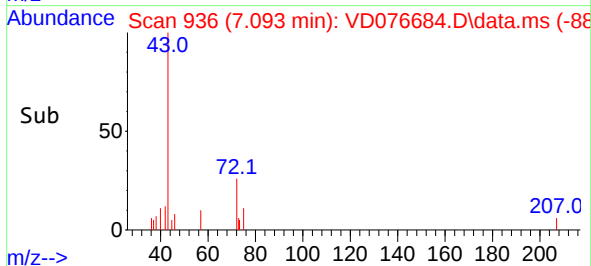
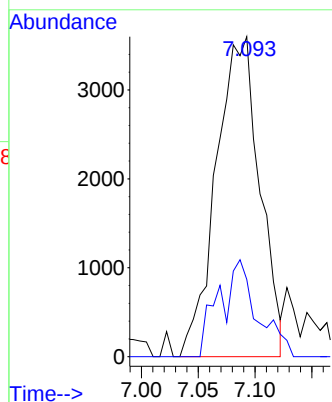
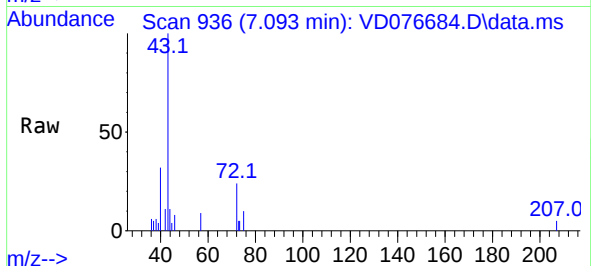




#22
2-Butanone
Concen: 16.096 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD076684.D
Acq: 03 Jul 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :
A46Q1RE

Tgt Ion: 43 Resp: 9584
Ion Ratio Lower Upper
43 100
72 14.9 12.9 38.7



#37
1,2-Dichloropropane
Concen: 1.749 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076684.D
Acq: 03 Jul 2023 11:28

Tgt Ion: 63 Resp: 3625
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

