

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051723\
 Data File : VV031075.D
 Acq On : 17 May 2023 15:44
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK295

Quant Time: May 18 02:50:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 18 02:47:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

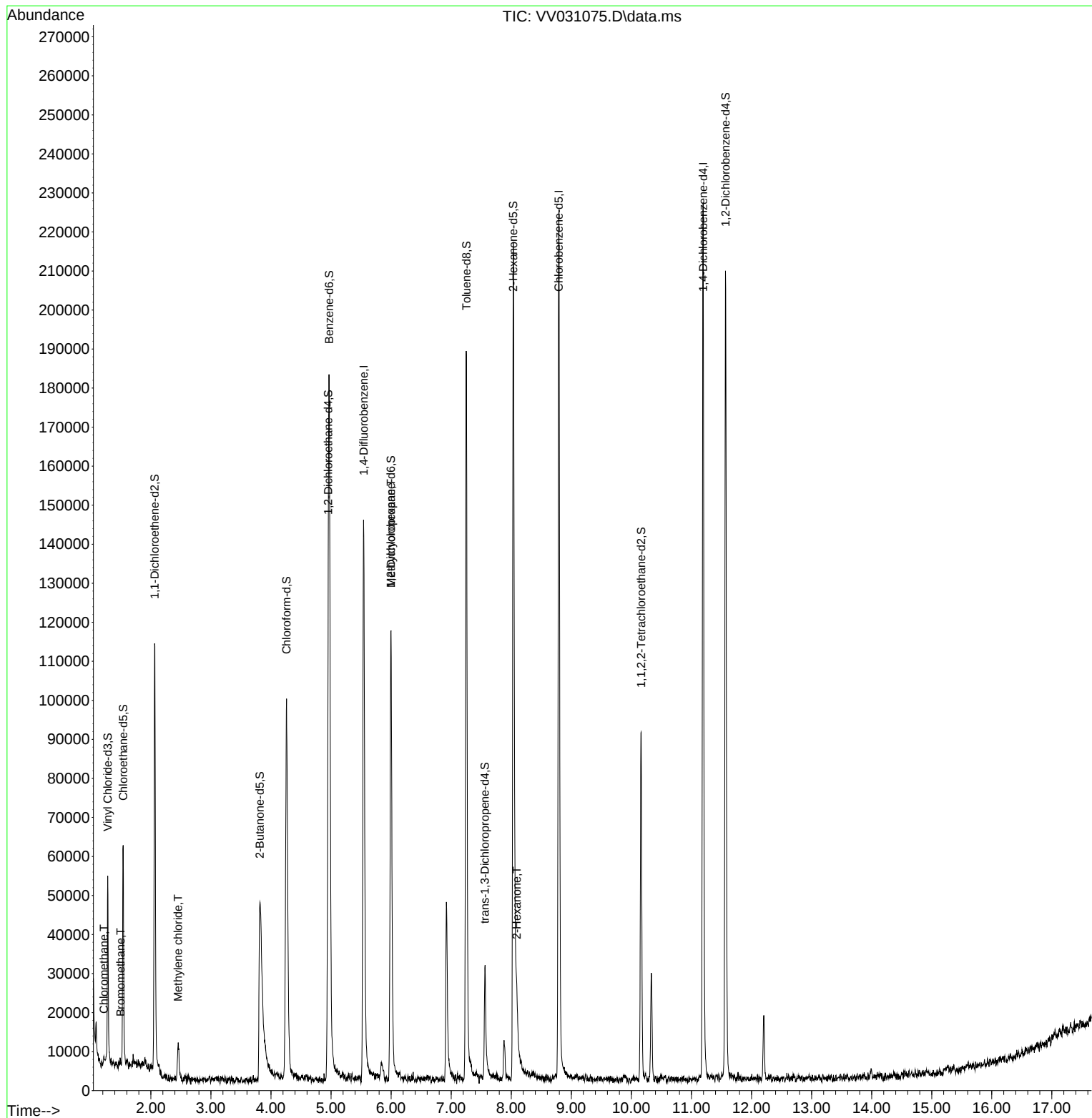
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	125527	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	123905	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62485	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30911	2.989	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.800%
7) Chloroethane-d5	1.539	69	36155	4.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.063	65	18982	3.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.815	46	105077	57.295	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.580%
24) Chloroform-d	4.259	84	96934	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	4.953	65	52949	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	4.969	84	153025	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	5.995	67	47393	4.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.252	98	128418	3.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	7.561	79	16485	4.164	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.034	63	74440	53.670	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.340%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	39056	5.102	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	56467	4.848	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	1295	0.111	ug/L	95
6) Bromomethane	1.497	94	567	0.122	ug/L	76
16) Methylene chloride	2.452	84	4394	0.460	ug/L	95
35) Methylcyclohexane	5.995	83	13622	1.058	ug/L #	18
48) 2-Hexanone	8.091	43	8514	2.898	ug/L #	81

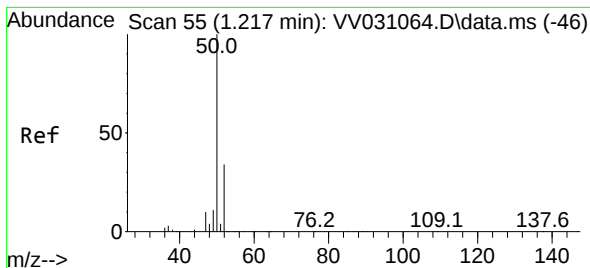
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.111 ug/L

RT: 1.220 min Scan# 50

Delta R.T. 0.003 min

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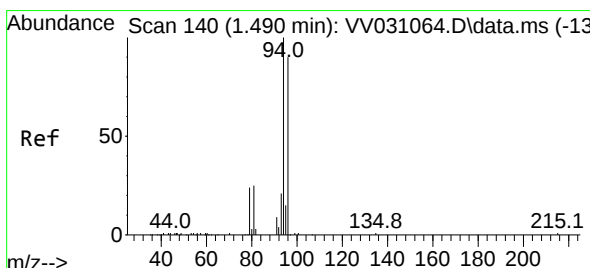
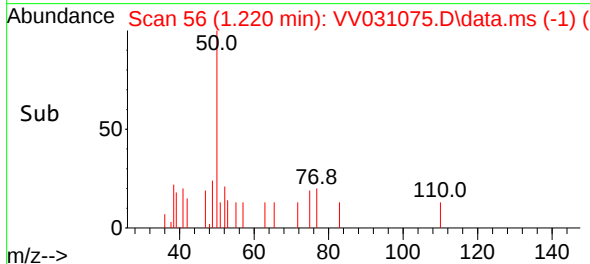
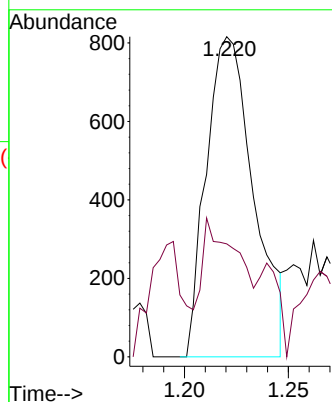
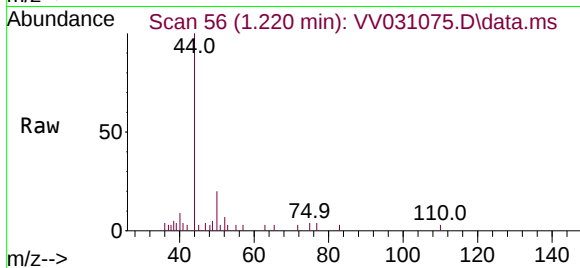
VIBLK295

Tgt Ion: 50 Resp: 1295

Ion Ratio Lower Upper

50 100

52 35.3 22.8 42.4



#6

Bromomethane

Concen: 0.122 ug/L

RT: 1.497 min Scan# 142

Delta R.T. 0.006 min

Lab File: VV031075.D

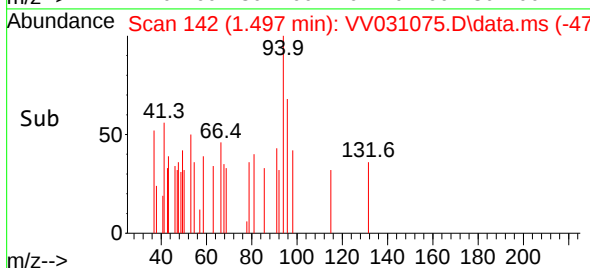
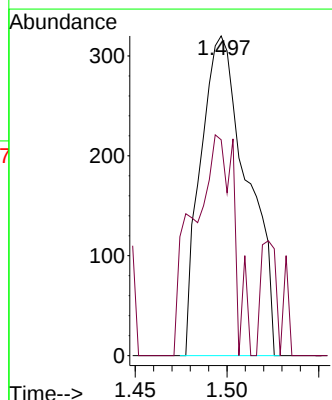
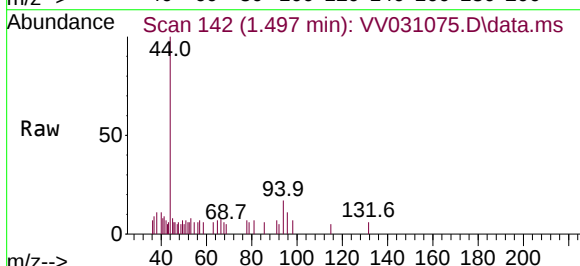
Acq: 17 May 2023 15:44

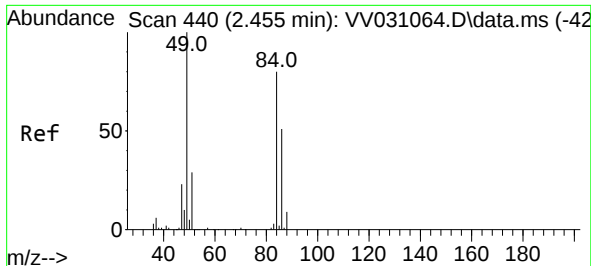
Tgt Ion: 94 Resp: 567

Ion Ratio Lower Upper

94 100

96 67.5 63.4 117.8

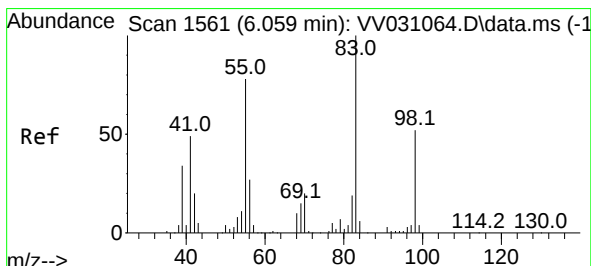
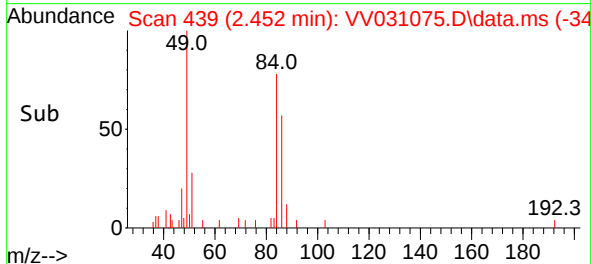
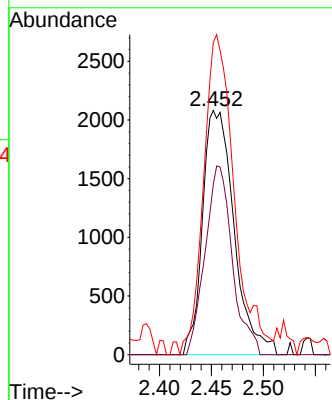
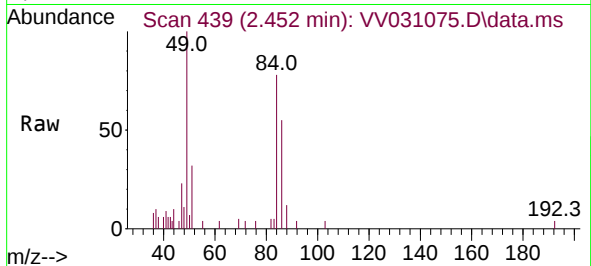




#16
Methylene chloride
Concen: 0.460 ug/L
RT: 2.452 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV031075.D
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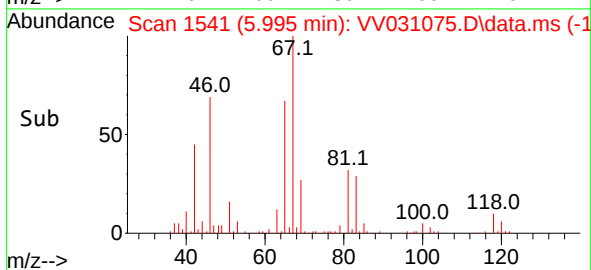
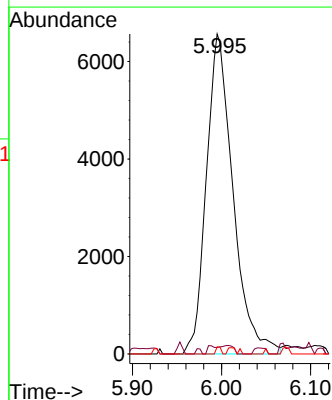
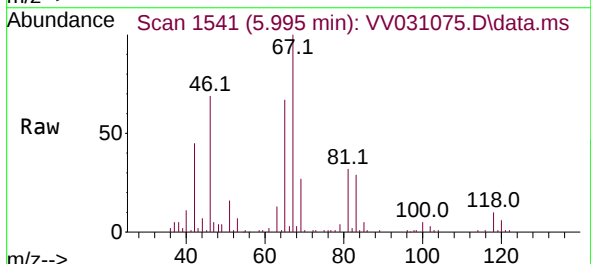
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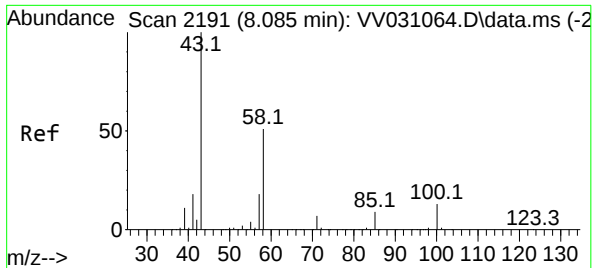
Tgt Ion: 84 Resp: 4394
Ion Ratio Lower Upper
84 100
86 69.8 46.1 85.5
49 127.9 94.3 175.1



#35
Methylcyclohexane
Concen: 1.058 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.064 min
Lab File: VV031075.D
Acq: 17 May 2023 15:44

Tgt Ion: 83 Resp: 13622
Ion Ratio Lower Upper
83 100
55 0.9 62.9 94.3#
98 0.4 40.5 60.7#





#48

2-Hexanone

Concen: 2.898 ug/L

RT: 8.091 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV031075.D

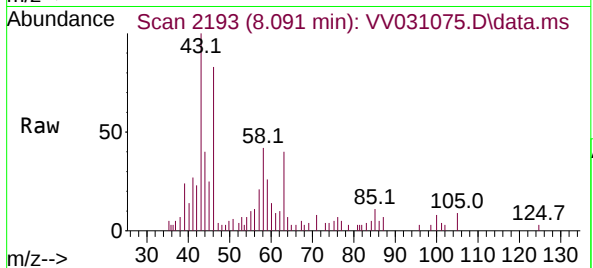
Acq: 17 May 2023 15:44

Instrument :

MSVOA_V

ClientSampleId :

VIBLK295



Tgt Ion: 43 Resp: 8514

Ion Ratio Lower Upper

43 100

58 39.8 39.9 59.9#

57 30.3 14.1 21.1#

100 2.8 9.7 14.5#

