

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051623\
 Data File : VV031059.D
 Acq On : 16 May 2023 17:39
 Operator : SY/MD
 Sample : 02768-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 17 01:46:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 17 01:41:23 2023
 Response via : Initial Calibration

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

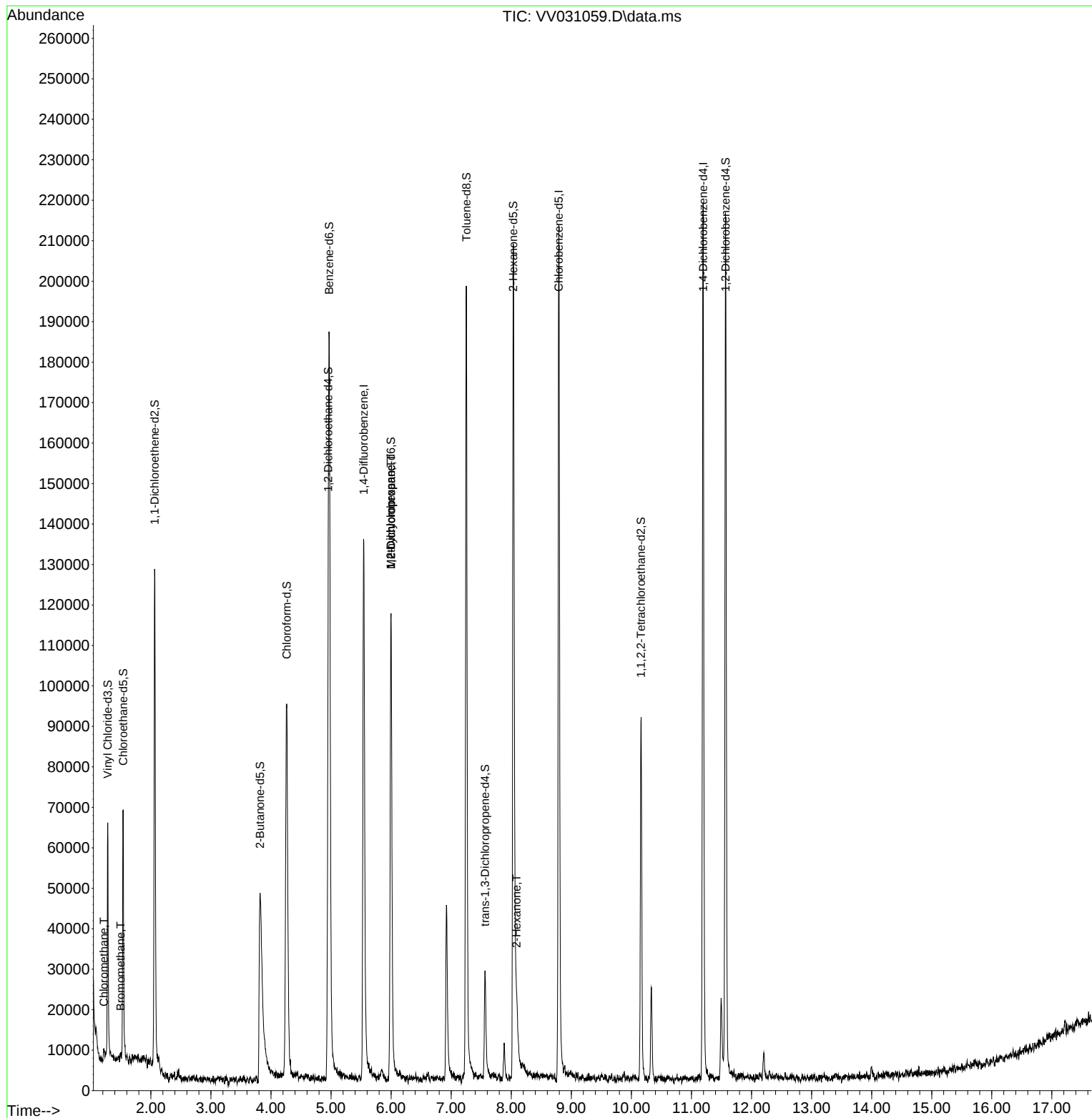
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	117784	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	115992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	60039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	37877	3.903	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.539	69	39256	4.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.063	65	21056	4.100	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.818	46	100883	58.624	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.240%
24) Chloroform-d	4.262	84	96536	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	4.953	65	53681	5.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	4.969	84	158263	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	5.998	67	48118	4.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.252	98	131898	4.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	7.564	79	15946	4.303	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.034	63	71303	54.915	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.840%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	38101	5.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	55918	4.996	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	1511	0.138	ug/L #	76
6) Bromomethane	1.494	94	543	0.125	ug/L	74
35) Methylcyclohexane	5.998	83	13406	1.112	ug/L #	18
37) 1,2-Dichloropropane	5.998	63	6915	0.999	ug/L #	86
48) 2-Hexanone	8.088	43	7721	2.807	ug/L	94

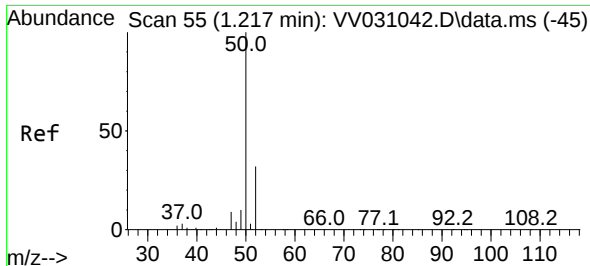
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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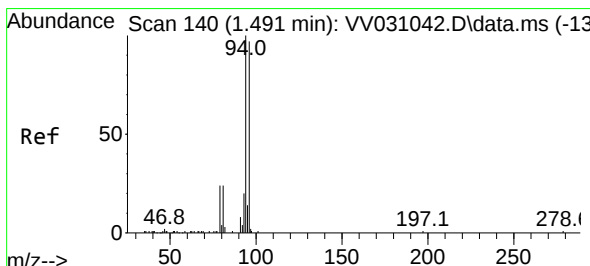
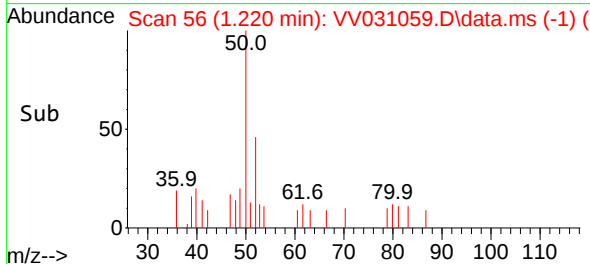
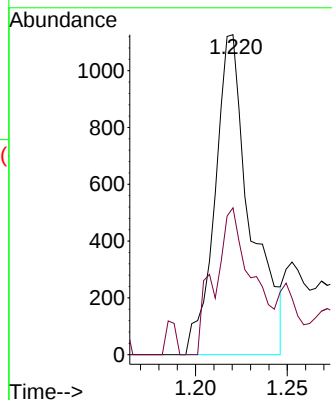
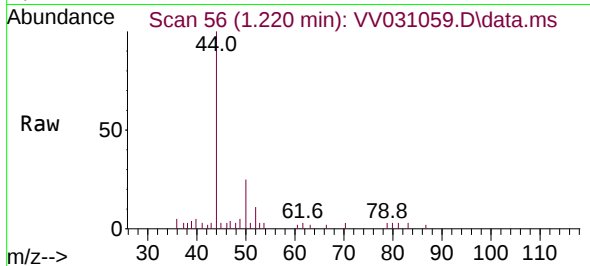




#3
Chloromethane
Concen: 0.138 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031059.D
Acq: 16 May 2023 17:39

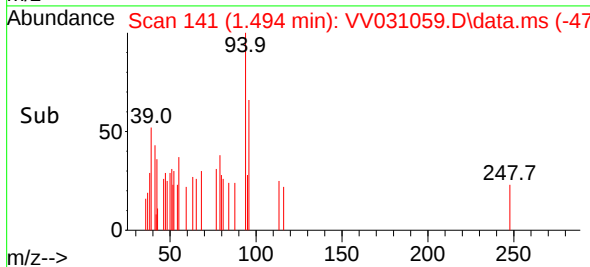
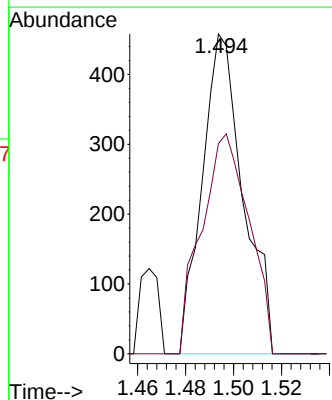
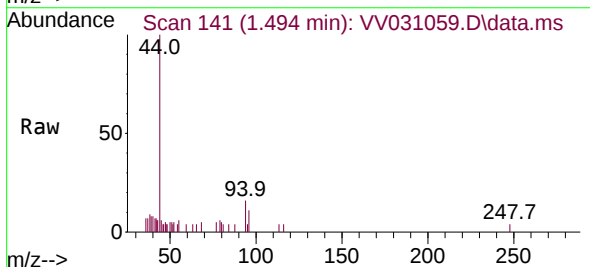
Instrument :
MSVOA_V
ClientSampleId :

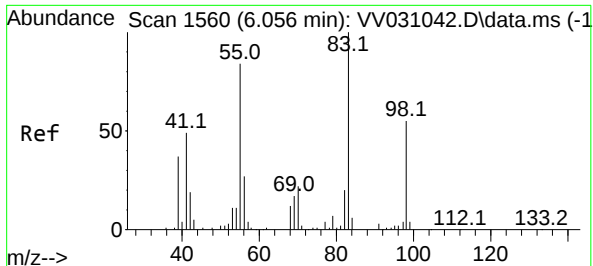
Tgt Ion: 50 Resp: 1511
Ion Ratio Lower Upper
50 100
52 45.9 22.8 42.4#



#6
Bromomethane
Concen: 0.125 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031059.D
Acq: 16 May 2023 17:39

Tgt Ion: 94 Resp: 543
Ion Ratio Lower Upper
94 100
96 65.7 63.4 117.8





#35

Methylcyclohexane

Concen: 1.112 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.058 min

Lab File: VV031059.D

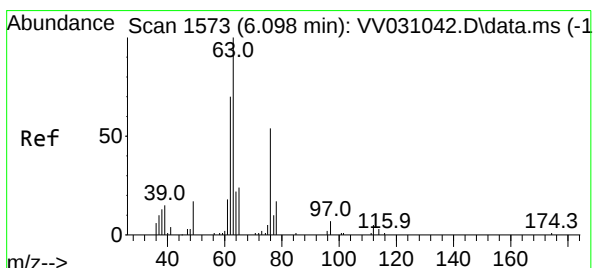
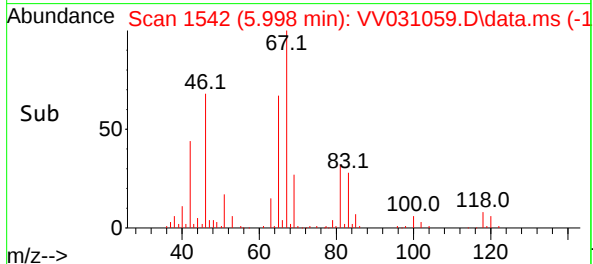
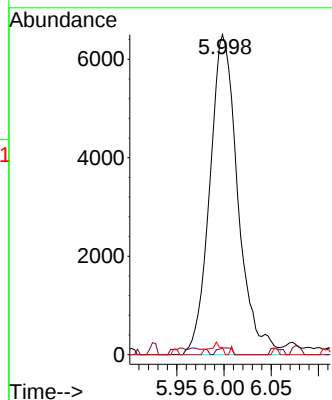
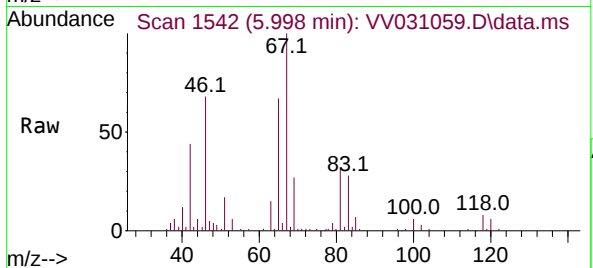
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Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	13406
Ion	Ratio	Lower	Upper
83	100		
55	1.1	62.9	94.3#
98	0.2	40.5	60.7#



#37

1,2-Dichloropropane

Concen: 0.999 ug/L

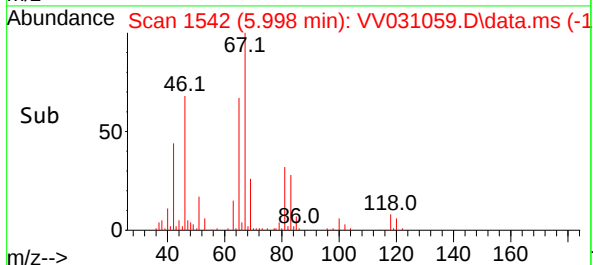
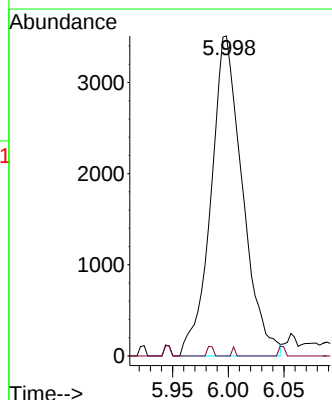
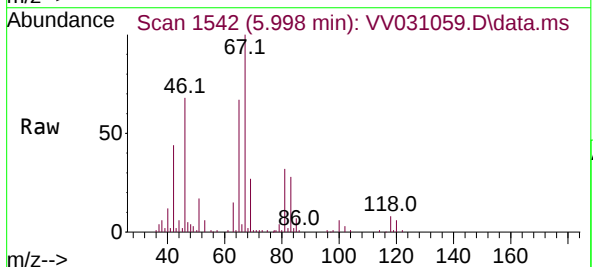
RT: 5.998 min Scan# 1542

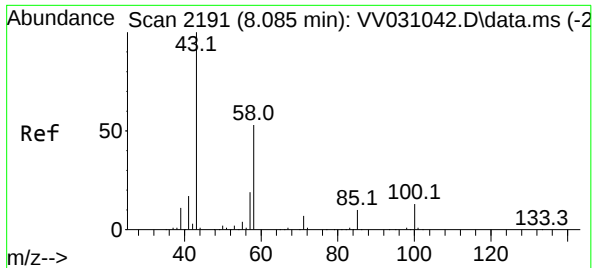
Delta R.T. -0.100 min

Lab File: VV031059.D

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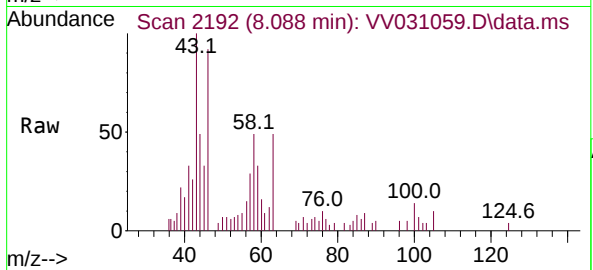
Tgt Ion:	63	Resp:	6915
Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.8	5.8#





#48
 2-Hexanone
 Concen: 2.807 ug/L
 RT: 8.088 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV031059.D
 Acq: 16 May 2023 17:39

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	43	Resp:	7721
Ion	Ratio	Lower	Upper
43	100		
58	54.6	39.9	59.9
57	15.4	14.1	21.1
100	11.0	9.7	14.5

