

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042823\
 Data File : VV030939.D
 Acq On : 28 Apr 2023 22:39
 Operator : SY/MD
 Sample : 02488-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Apr 29 01:15:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

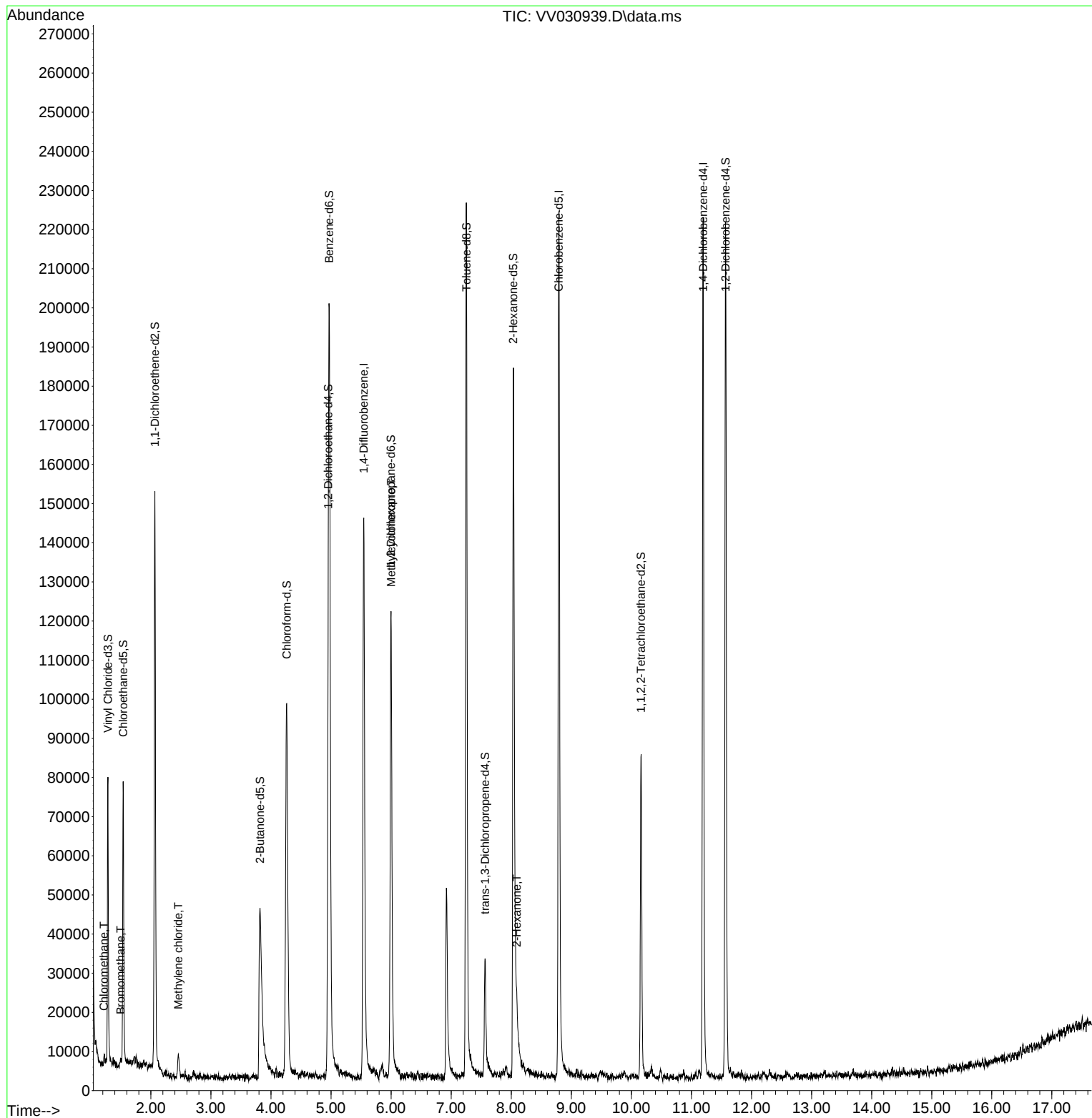
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	125597	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	121237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	60353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.285	65	47730	4.613	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.539	69	43486	5.152	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.000%	
11) 1,1-Dichloroethene-d2	2.066	65	24541	4.481	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.600%	
20) 2-Butanone-d5	3.818	46	87396	47.627	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.260%	
24) Chloroform-d	4.262	84	97565	4.744	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	4.953	65	52987	5.068	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	4.969	84	172427	4.852	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	5.998	67	49128	4.754	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.252	98	149740	4.425	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
43) trans-1,3-Dichloroprop...	7.564	79	18186	4.695	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.800%	
46) 2-Hexanone-d5	8.034	63	62114	45.769	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.540%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	36609	4.888	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	11.567	152	57763	5.134	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.600%	
Target Compounds						Qvalue
3) Chloromethane	1.220	50	1400	0.120	ug/L	88
6) Bromomethane	1.494	94	655	0.141	ug/L	87
16) Methylene chloride	2.458	84	2565	0.268	ug/L	89
35) Methylcyclohexane	6.002	83	13893	1.103	ug/L #	18
48) 2-Hexanone	8.091	43	7588	2.640	ug/L #	48

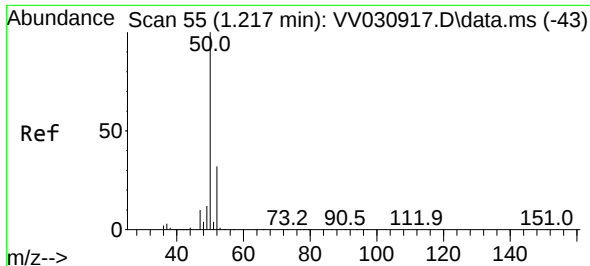
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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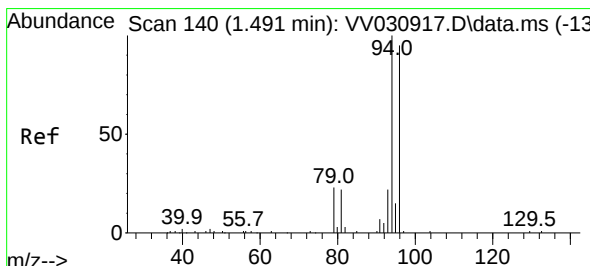
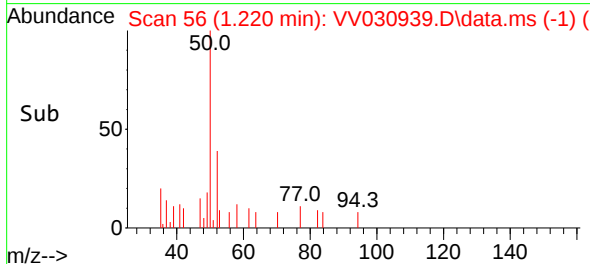
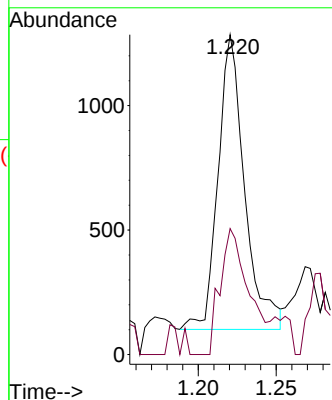
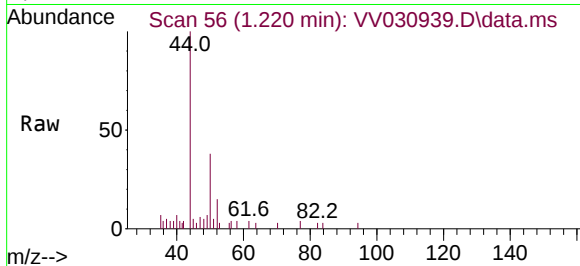




#3
Chloromethane
Concen: 0.120 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030939.D
Acq: 28 Apr 2023 22:39

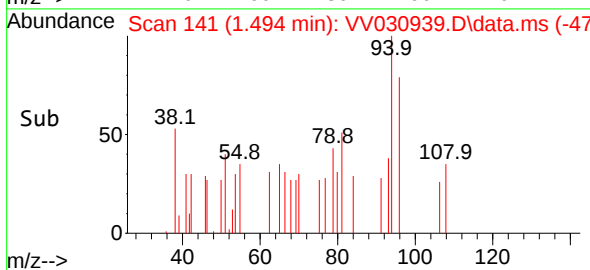
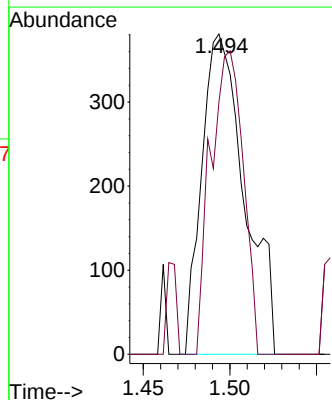
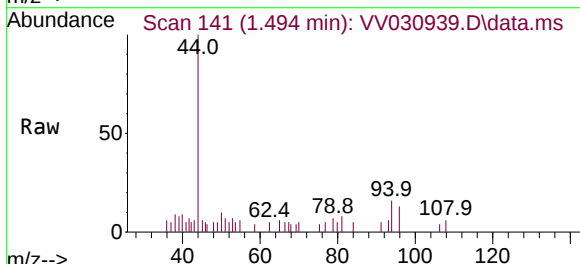
Instrument :
MSVOA_V
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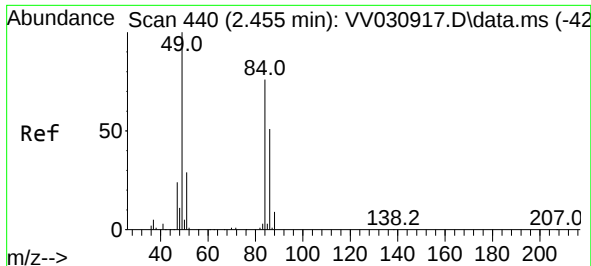
Tgt Ion: 50 Resp: 1400
Ion Ratio Lower Upper
50 100
52 39.4 22.8 42.4



#6
Bromomethane
Concen: 0.141 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030939.D
Acq: 28 Apr 2023 22:39

Tgt Ion: 94 Resp: 655
Ion Ratio Lower Upper
94 100
96 78.7 63.4 117.8

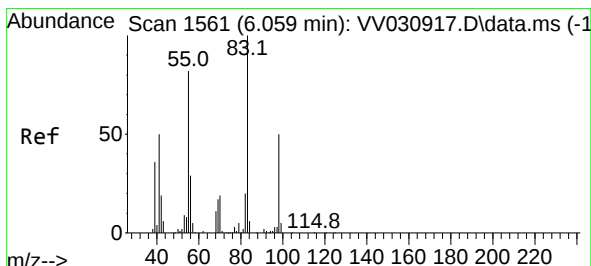
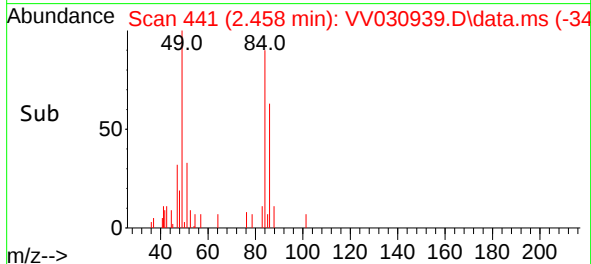
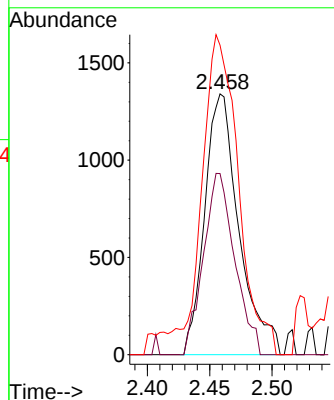
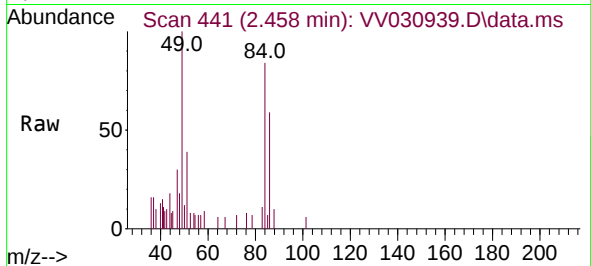




#16
Methylene chloride
Concen: 0.268 ug/L
RT: 2.458 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030939.D
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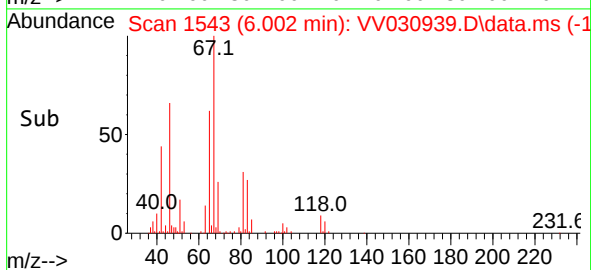
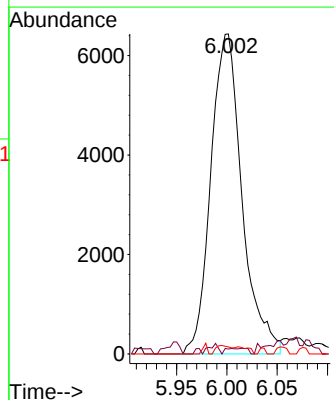
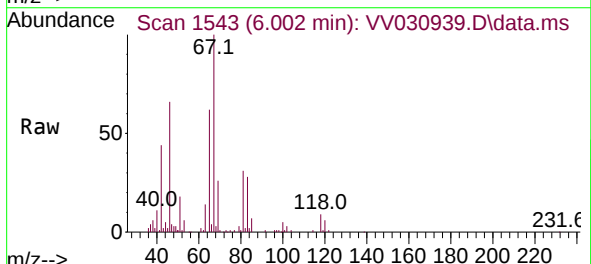
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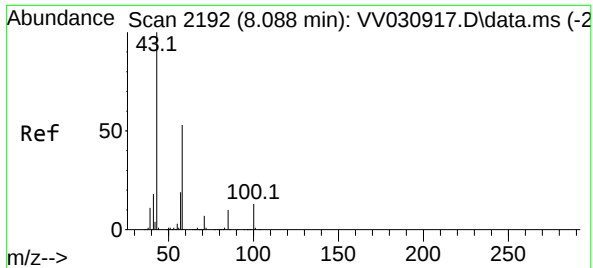
Tgt Ion:	84	Resp:	2565
Ion	Ratio	Lower	Upper
84	100		
86	69.4	46.1	85.5
49	118.6	94.3	175.1



#35
Methylcyclohexane
Concen: 1.103 ug/L
RT: 6.002 min Scan# 1543
Delta R.T. -0.058 min
Lab File: VV030939.D
Acq: 28 Apr 2023 22:39

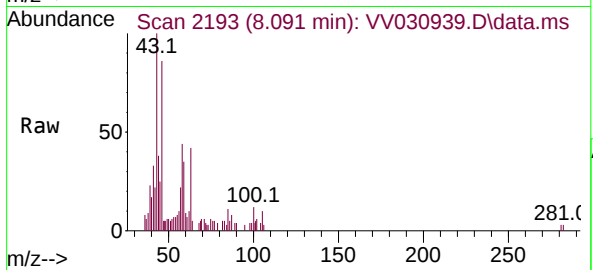
Tgt Ion:	83	Resp:	13893
Ion	Ratio	Lower	Upper
83	100		
55	0.6	62.9	94.3#
98	1.2	40.5	60.7#





#48
 2-Hexanone
 Concen: 2.640 ug/L
 RT: 8.091 min Scan# 2193
 Delta R.T. 0.003 min
 Lab File: VV030939.D
 Acq: 28 Apr 2023 22:39

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 MSVOA_V
 ClientSampleId :
 VHBLK001



Tgt Ion: 43	Resp:	7588
Ion	Ratio	Lower Upper
43	100	
58	0.0	39.9 59.9#
57	11.9	14.1 21.1#
100	3.0	9.7 14.5#

