

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040424\
 Data File : VV034982.D
 Acq On : 04 Apr 2024 16:45
 Operator : SY/MD
 Sample : P1987-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 21:37:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 21:33:57 2024
 Response via : Initial Calibration

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

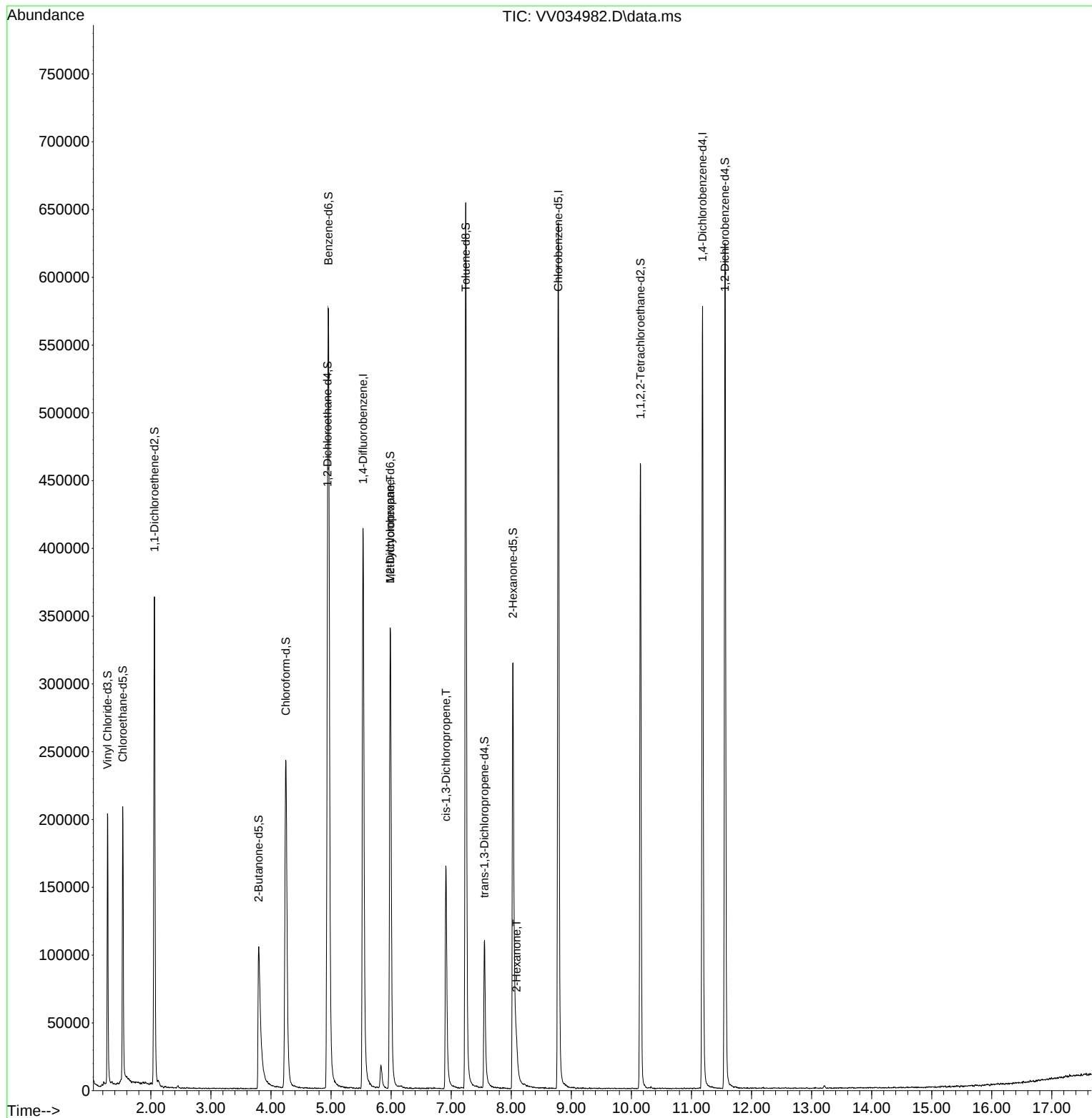
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	357276	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	348104	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	149592	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	129985	37.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.340%
7) Chloroethane-d5	1.532	69	125641	41.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.840%
11) 1,1-Dichloroethene-d2	2.060	65	62087	41.050	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.100%
21) 2-Butanone-d5	3.796	46	193397	94.508	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.510%
24) Chloroform-d	4.246	84	261695	45.110	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.220%
26) 1,2-Dichloroethane-d4	4.941	65	167070	45.360	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.720%
32) Benzene-d6	4.957	84	517283	44.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.480%
36) 1,2-Dichloropropane-d6	5.986	67	170767	45.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.980%
41) Toluene-d8	7.243	98	438533	41.644	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.280%
43) trans-1,3-Dichloroprop...	7.551	79	69702	38.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.220%
47) 2-Hexanone-d5	8.027	63	106788	76.068	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.070%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	228386	44.666	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.340%
66) 1,2-Dichlorobenzene-d4	11.558	152	157188	46.801	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	5.986	83	40425	8.738	ug/L #	20
39) cis-1,3-Dichloropropene	6.912	75	4623	0.936	ug/L #	72
48) 2-Hexanone	8.088	43	19964	5.861	ug/L #	84

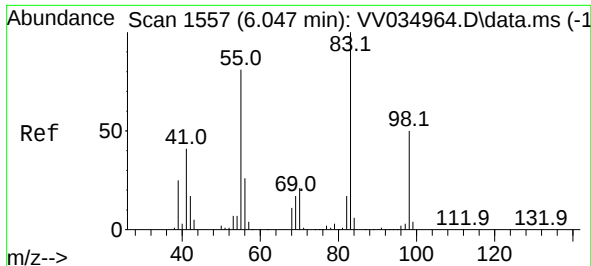
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 8.738 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV034982.D

Acq: 04 Apr 2024 16:45

Instrument :

MSVOA_V

ClientSampleId :

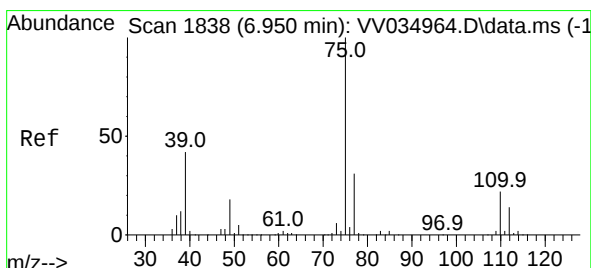
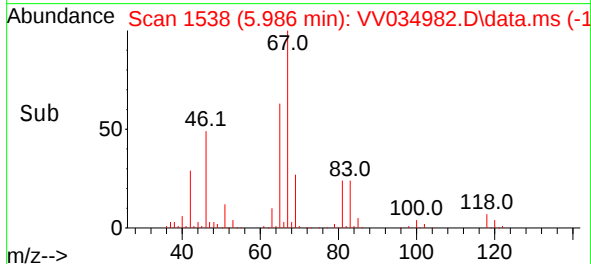
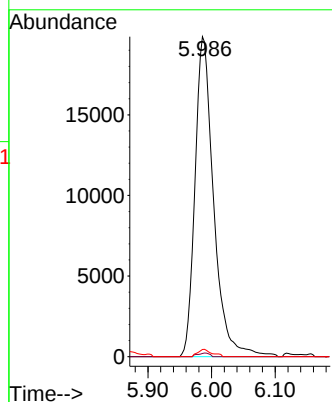
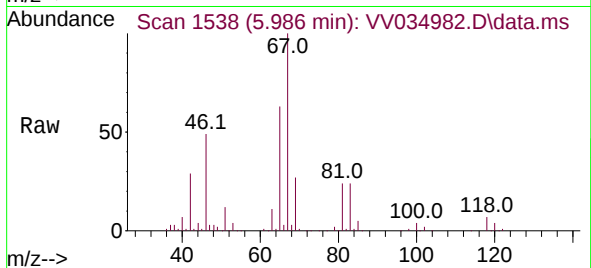
Tgt Ion: 83 Resp: 40425

Ion Ratio Lower Upper

83 100

55 0.7 60.0 90.0#

98 1.5 37.6 56.4#



#39

cis-1,3-Dichloropropene

Concen: 0.936 ug/L

RT: 6.912 min Scan# 1826

Delta R.T. -0.039 min

Lab File: VV034982.D

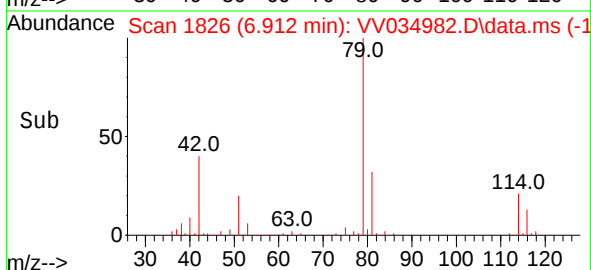
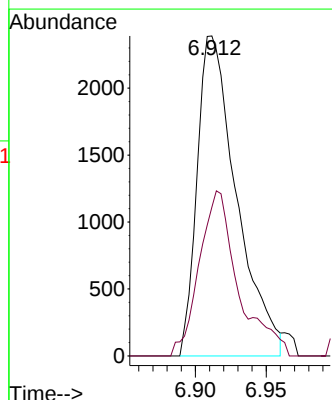
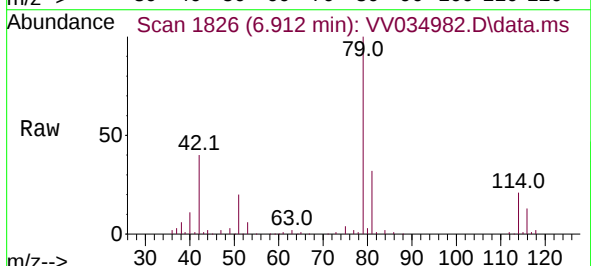
Acq: 04 Apr 2024 16:45

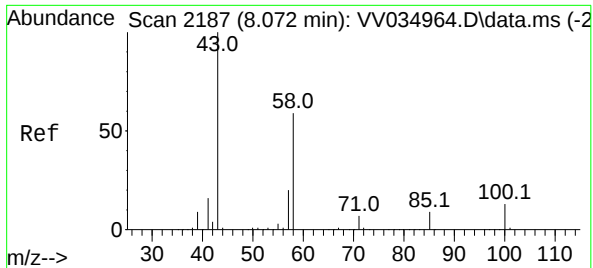
Tgt Ion: 75 Resp: 4623

Ion Ratio Lower Upper

75 100

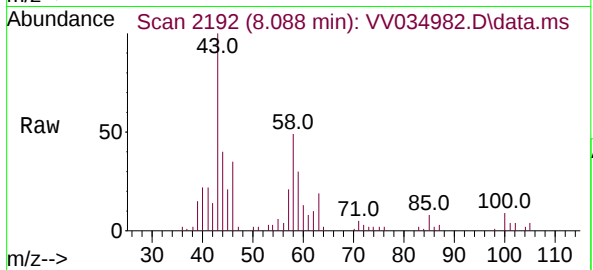
77 46.5 21.9 40.7#





#48
2-Hexanone
Concen: 5.861 ug/L
RT: 8.088 min Scan# 21
Delta R.T. 0.016 min
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Acq: 04 Apr 2024 16:45

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Tgt	Ion: 43	Resp:	19964
Ion	Ratio	Lower	Upper
43	100		
58	53.1	45.4	68.2
57	0.0	16.2	24.4#
100	3.8	10.1	15.1#

