

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040424\
 Data File : VV034972.D
 Acq On : 04 Apr 2024 12:46
 Operator : SY/MD
 Sample : P1946-04 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 21:35:43 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

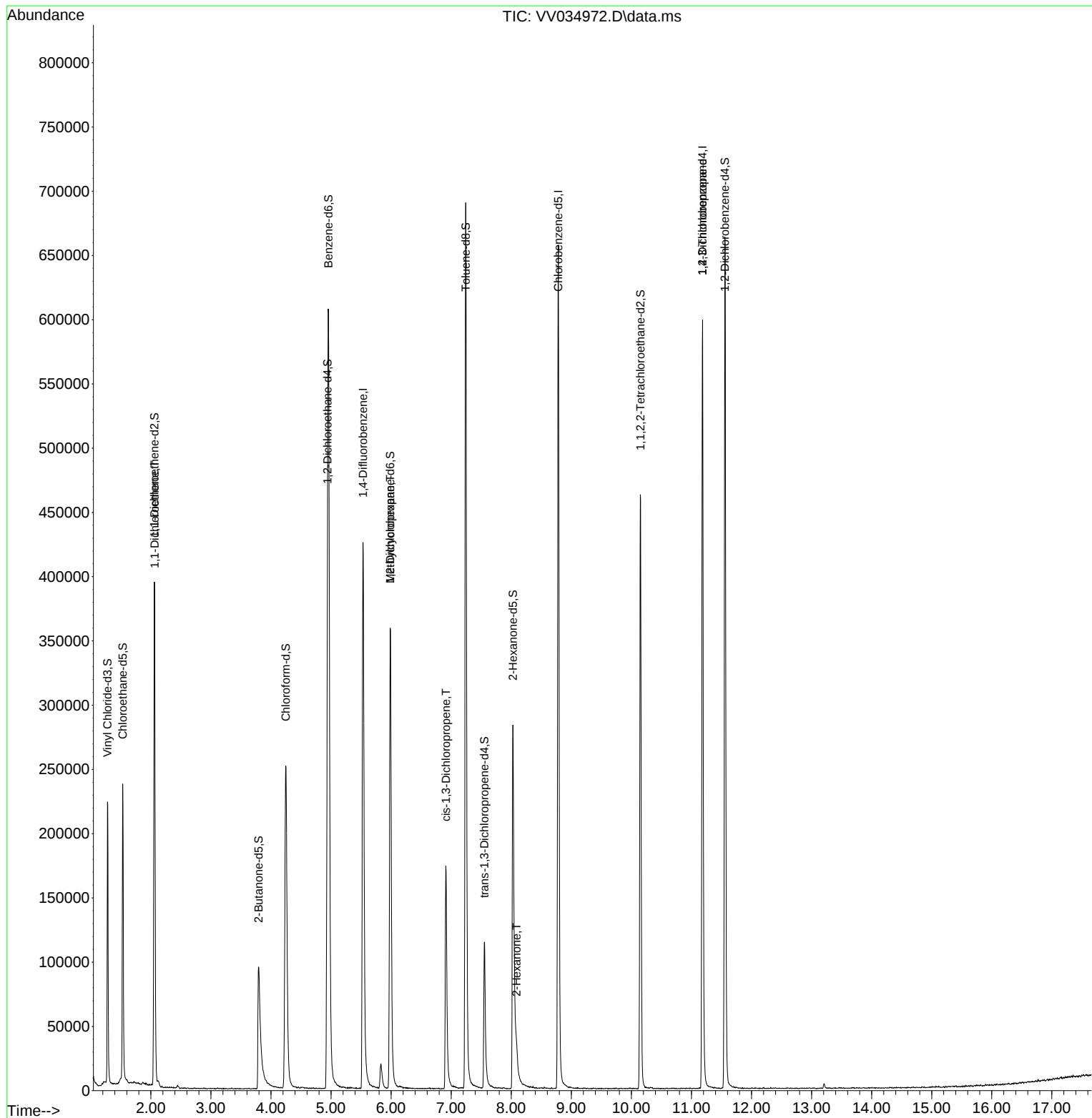
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	370059	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	361714	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	152828	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	145131	40.609	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.220%
7) Chloroethane-d5	1.532	69	143386	46.192	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.380%
11) 1,1-Dichloroethene-d2	2.059	65	68229	43.552	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.100%
21) 2-Butanone-d5	3.793	46	174320	82.243	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.240%
24) Chloroform-d	4.246	84	272047	45.275	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.540%
26) 1,2-Dichloroethane-d4	4.940	65	175864	46.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
32) Benzene-d6	4.956	84	548898	45.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.360%
36) 1,2-Dichloropropane-d6	5.985	67	178651	46.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.600%
41) Toluene-d8	7.243	98	472303	43.163	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.320%
43) trans-1,3-Dichloroprop...	7.551	79	73025	38.933	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.860%
47) 2-Hexanone-d5	8.027	63	97977	67.165	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.170%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	226557	42.641	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.280%
66) 1,2-Dichlorobenzene-d4	11.557	152	168601	49.136	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.280%
Target Compounds						
12) 1,1-Dichloroethene	2.063	96	2573	0.926	ug/L #	1
35) Methylcyclohexane	5.985	83	41430	8.618	ug/L #	20
39) cis-1,3-Dichloropropene	6.911	75	4660	0.908	ug/L #	55
48) 2-Hexanone	8.088	43	18509	5.229	ug/L #	85
61) 1,2,3-Trichloropropane	11.185	75	19206	5.799	ug/L #	67

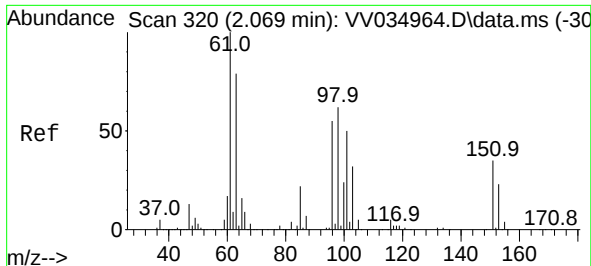
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.926 ug/L

RT: 2.063 min Scan# 31

Delta R.T. -0.007 min

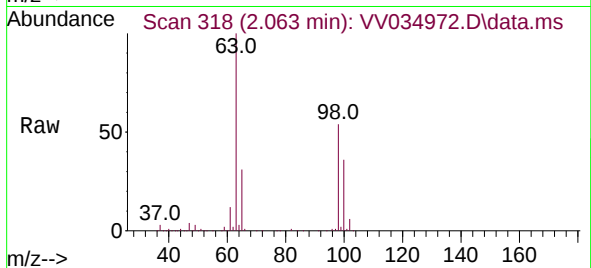
Lab File: VV034972.D

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MSVOA_V

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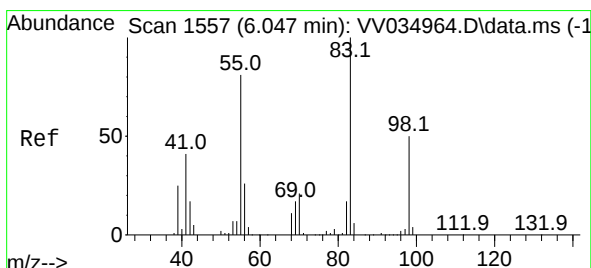
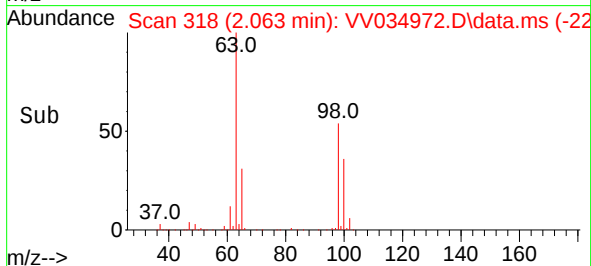
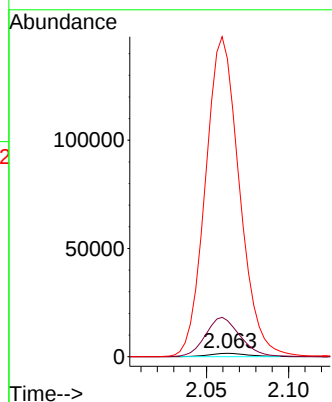
Tgt Ion: 96 Resp: 2573

Ion Ratio Lower Upper

96 100

61 1065.6 131.5 244.3#

63 8790.8 111.4 206.8#



#35

Methylcyclohexane

Concen: 8.618 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.061 min

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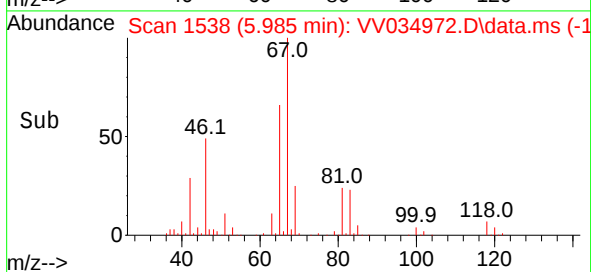
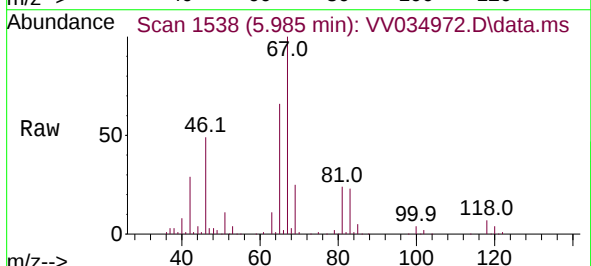
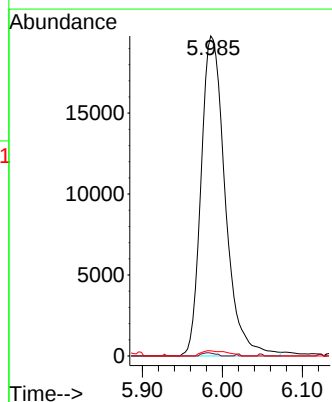
Tgt Ion: 83 Resp: 41430

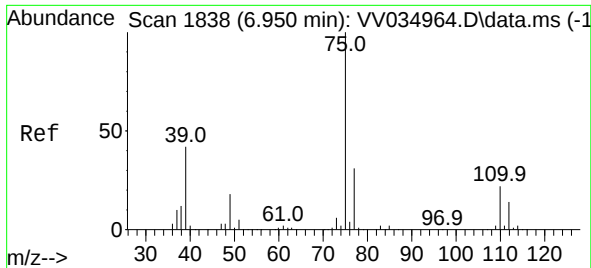
Ion Ratio Lower Upper

83 100

55 0.6 60.0 90.0#

98 1.0 37.6 56.4#

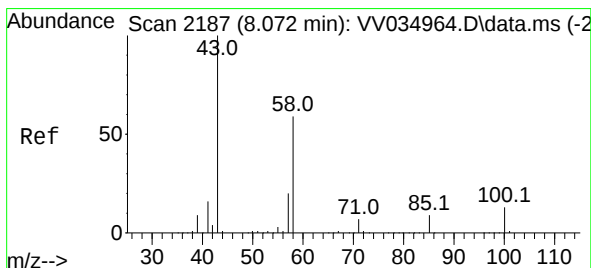
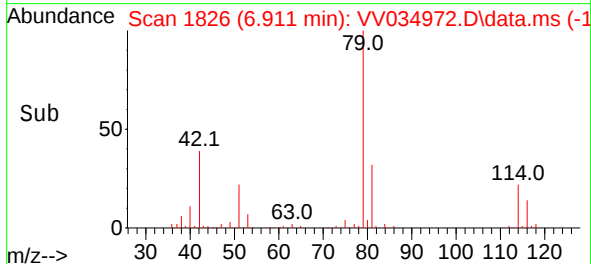
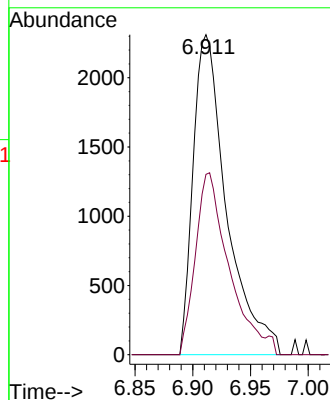
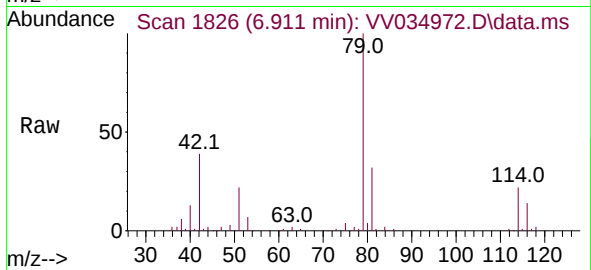




#39
cis-1,3-Dichloropropene
Concen: 0.908 ug/L
RT: 6.911 min Scan# 1826
Delta R.T. -0.039 min
Lab File: VV034972.D
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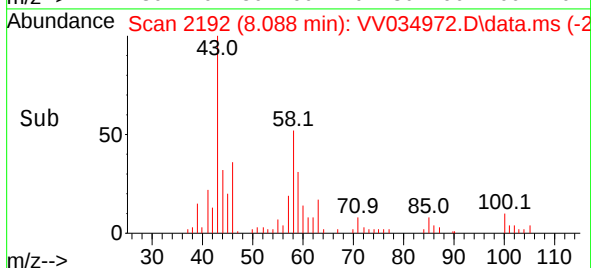
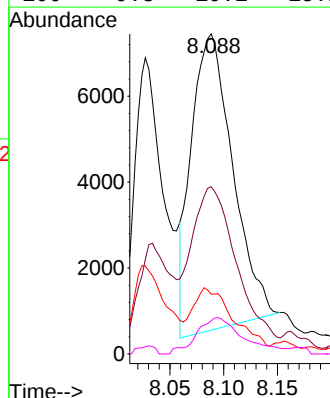
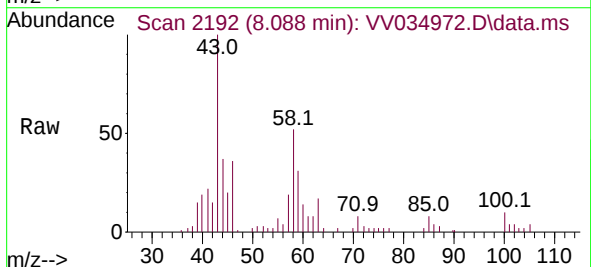
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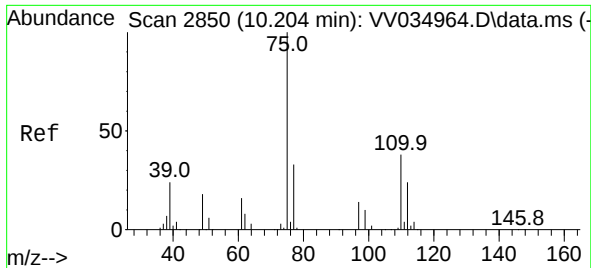
Tgt Ion: 75 Resp: 4660
Ion Ratio Lower Upper
75 100
77 56.4 21.9 40.7#



#48
2-Hexanone
Concen: 5.229 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.016 min
Lab File: VV034972.D
Acq: 04 Apr 2024 12:46

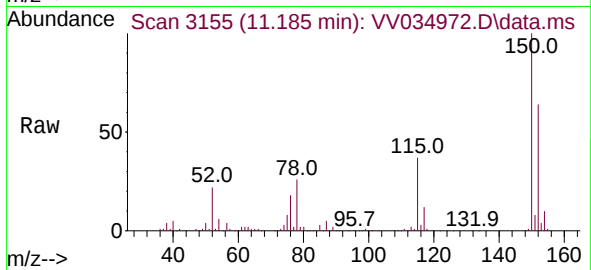
Tgt Ion: 43 Resp: 18509
Ion Ratio Lower Upper
43 100
58 64.1 45.4 68.2
57 4.9 16.2 24.4#
100 9.3 10.1 15.1#





#61
 1,2,3-Trichloropropane
 Concen: 5.799 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.980 min
 Lab File: VV034972.D
 Acq: 04 Apr 2024 12:46

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	19206
Ion Ratio	Lower	Upper
75	100	
77	33.8	26.0 39.0
110	2.7	30.5 45.7#

