

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
 Data File : VV033829.D
 Acq On : 23 Jan 2024 14:47
 Operator : SY/MD
 Sample : P1191-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 24 02:04:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 24 02:00:55 2024
 Response via : Initial Calibration

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

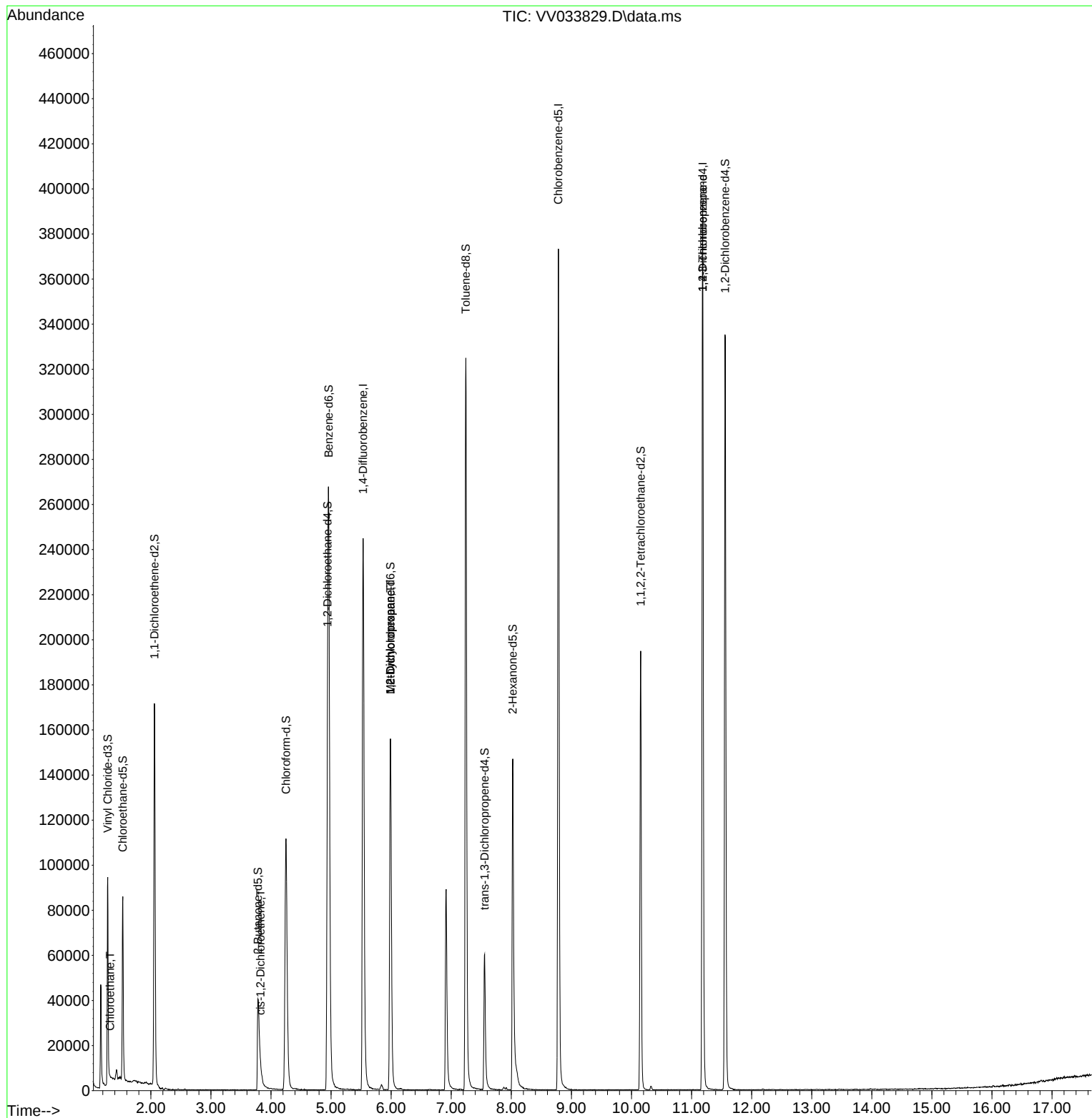
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	210712	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	195676	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	98686	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	59568	36.784	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.560%
7) Chloroethane-d5	1.532	69	51974	40.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.060%
11) 1,1-Dichloroethene-d2	2.060	65	29467	42.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.560%
21) 2-Butanone-d5	3.783	46	71365	64.248	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.250%
24) Chloroform-d	4.249	84	118363	40.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.760%
26) 1,2-Dichloroethane-d4	4.941	65	81391	43.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.000%
32) Benzene-d6	4.960	84	235144	42.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.540%
36) 1,2-Dichloropropane-d6	5.989	67	73377	40.072	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.140%
41) Toluene-d8	7.243	98	215593	43.013	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.020%
43) trans-1,3-Dichloroprop...	7.555	79	35337	39.047	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.100%
47) 2-Hexanone-d5	8.024	63	51098	67.274	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.270%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	91853	39.292	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.580%
66) 1,2-Dichlorobenzene-d4	11.561	152	84041	44.885	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.780%
Target Compounds						
					Qvalue	
8) Chloroethane	1.320	64	7071	6.219	ug/L #	50
20) cis-1,2-Dichloroethene	3.825	96	1442	0.917	ug/L	74
35) Methylcyclohexane	5.989	83	17866	6.772	ug/L #	16
37) 1,2-Dichloropropane	5.989	63	9340	5.906	ug/L #	88
61) 1,2,3-Trichloropropane	11.185	75	12132	6.927	ug/L #	66

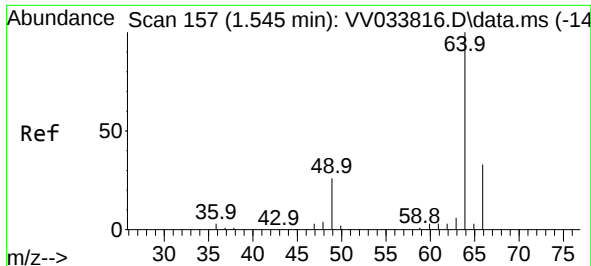
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 24 02:00:55 2024
Response via : Initial Calibration

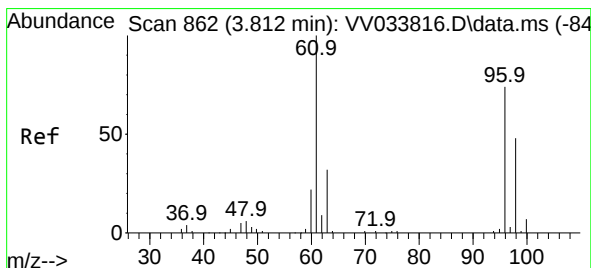
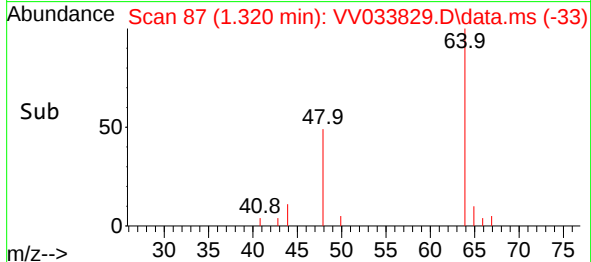
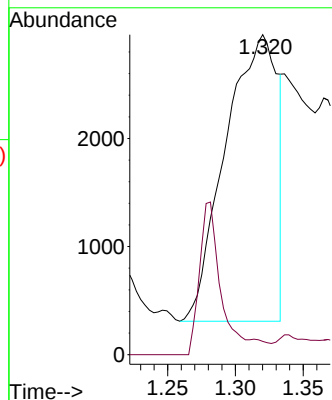
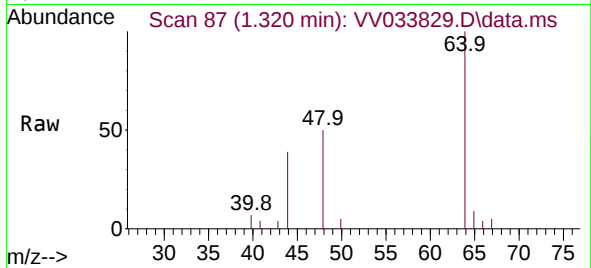




#8
Chloroethane
Concen: 6.219 ug/L
RT: 1.320 min Scan# 81
Delta R.T. -0.225 min
Lab File: VV033829.D
Acq: 23 Jan 2024 14:47

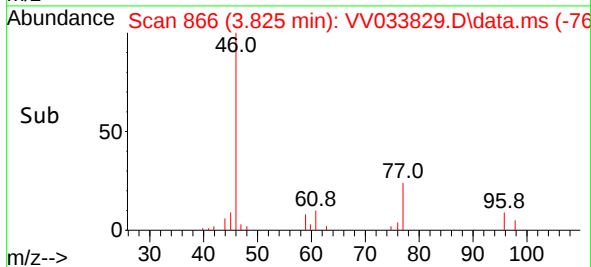
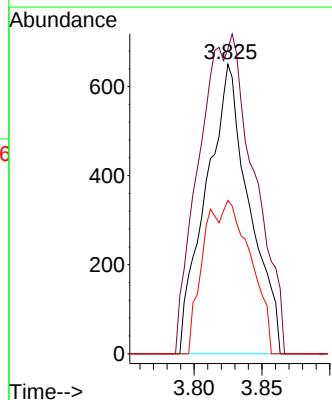
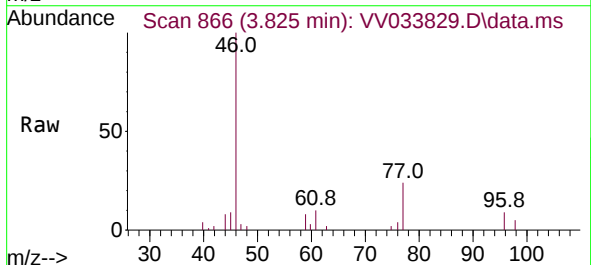
Instrument :
MSVOA_V
ClientSampleId :

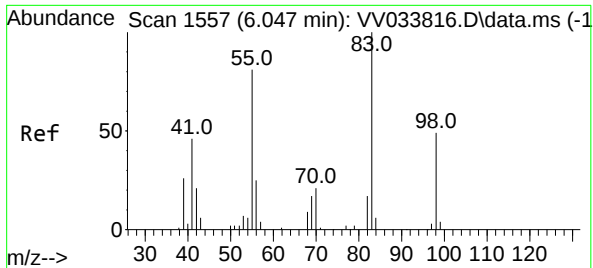
Tgt Ion: 64 Resp: 7071
Ion Ratio Lower Upper
64 100
66 4.2 22.5 41.9#



#20
cis-1,2-Dichloroethene
Concen: 0.917 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.013 min
Lab File: VV033829.D
Acq: 23 Jan 2024 14:47

Tgt Ion: 96 Resp: 1442
Ion Ratio Lower Upper
96 100
61 105.2 100.6 186.8
98 52.9 44.6 82.8

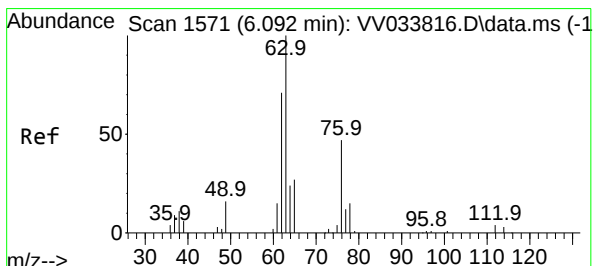
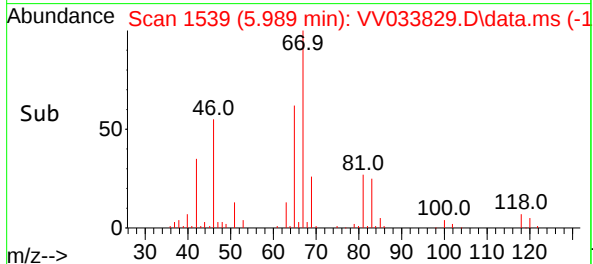
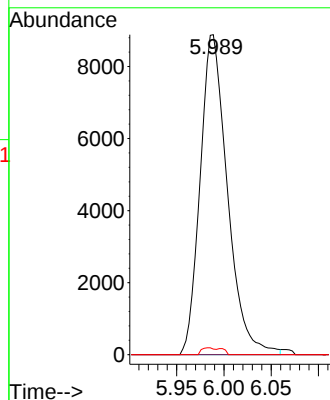
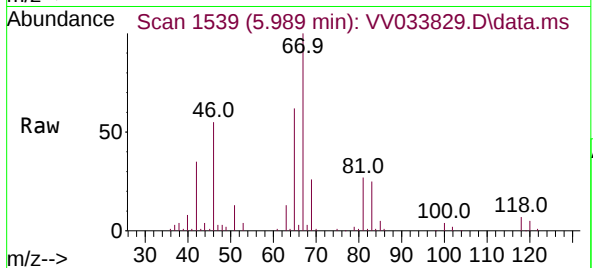




#35
Methylcyclohexane
Concen: 6.772 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV033829.D
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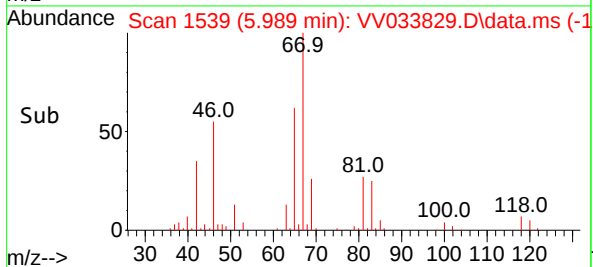
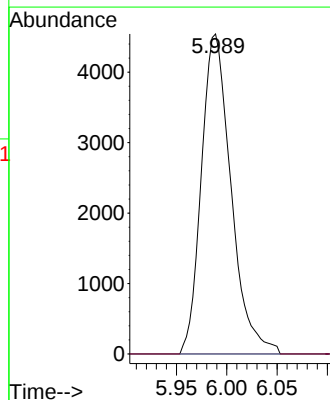
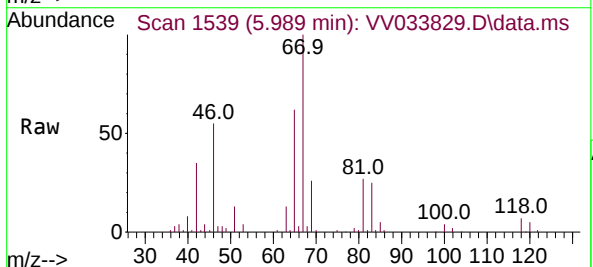
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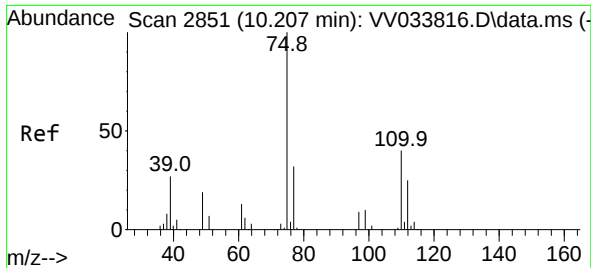
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.1	100.7#
98	0.5	37.7	56.5#



#37
1,2-Dichloropropane
Concen: 5.906 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV033829.D
Acq: 23 Jan 2024 14:47

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#





#61

1,2,3-Trichloropropane

Concen: 6.927 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.977 min

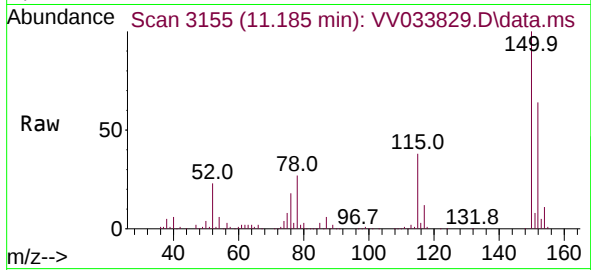
Lab File: VV033829.D

Acq: 23 Jan 2024 14:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 12132

Ion Ratio Lower Upper

75 100

77 34.6 25.3 37.9

110 2.6 29.5 44.3#

