

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
 Data File : VV036789.D
 Acq On : 05 Aug 2024 16:03
 Operator : SY/MD
 Sample : P3437-14
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 03:11:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 02:51:35 2024
 Response via : Initial Calibration

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

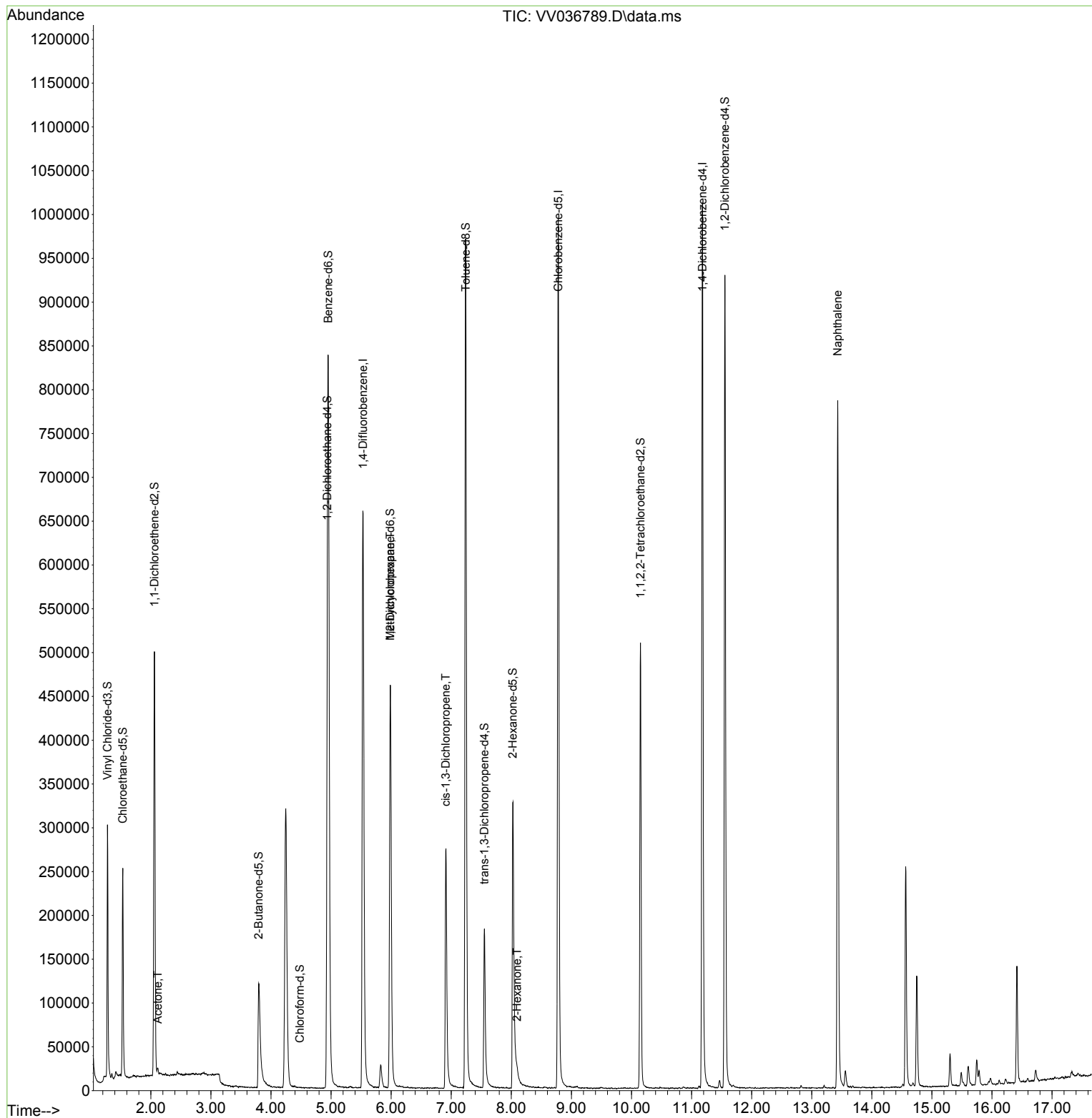
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	567621	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	530873	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	253236	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	191663	42.276	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.560%		
7) Chloroethane-d5	1.532	69	153808	43.020	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.040%		
11) 1,1-Dichloroethene-d2	2.060	65	83408	43.010	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.020%		
21) 2-Butanone-d5	3.796	46	192226	80.025	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.020%		
24) Chloroform-d	4.481	84	193	0.024	ug/L	0.24
Spiked Amount 50.000	Range 70 - 125		Recovery =	0.040%#		
26) 1,2-Dichloroethane-d4	4.937	65	225812	43.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.340%		
32) Benzene-d6	4.953	84	705558	44.003	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.000%		
36) 1,2-Dichloropropane-d6	5.986	67	226014	43.692	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.380%		
41) Toluene-d8	7.240	98	640606	43.554	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.100%		
43) trans-1,3-Dichloroprop...	7.551	79	109124	40.535	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.060%		
47) 2-Hexanone-d5	8.024	63	113602	76.378	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.380%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	245016	41.252	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.500%		
66) 1,2-Dichlorobenzene-d4	11.555	152	229440	44.463	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.920%		
Target Compounds						Qvalue
13) Acetone	2.114	43	8659	4.308	ug/L	85
35) Methylcyclohexane	5.986	83	52886	7.489	ug/L #	18
39) cis-1,3-Dichloropropene	6.908	75	7429	1.031	ug/L #	68
48) 2-Hexanone	8.095	43	16180	4.221	ug/L #	77
71) Naphthalene	13.432	128	612347	35.388	ug/L	100

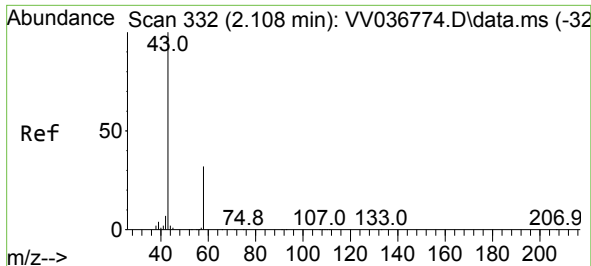
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.308 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV036789.D

Acq: 05 Aug 2024 16:03

Instrument :

MSVOA_V

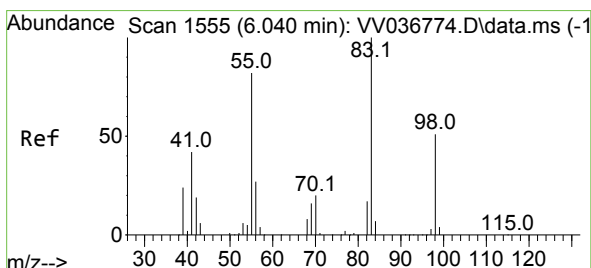
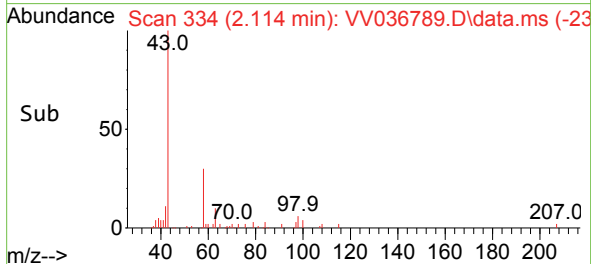
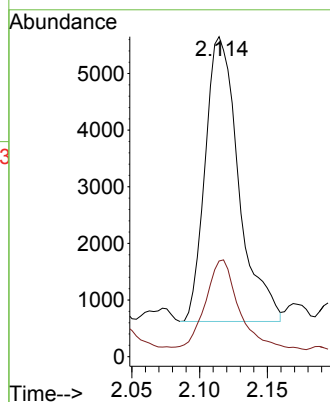
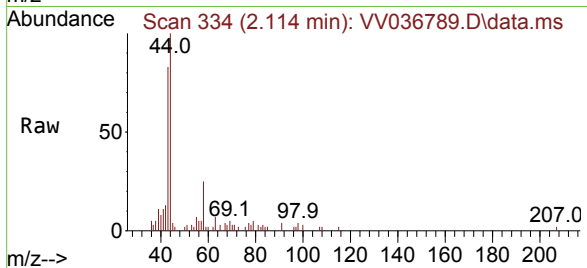
ClientSampleId :

Tgt Ion: 43 Resp: 8659

Ion Ratio Lower Upper

43 100

58 40.2 0.0 63.4



#35

Methylcyclohexane

Concen: 7.489 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.054 min

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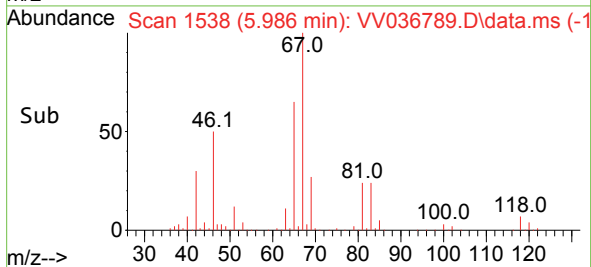
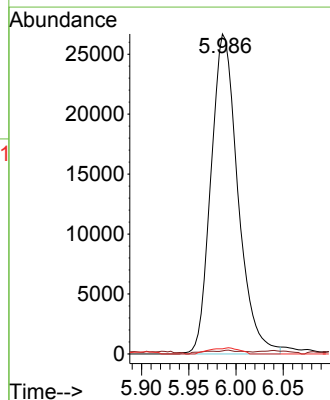
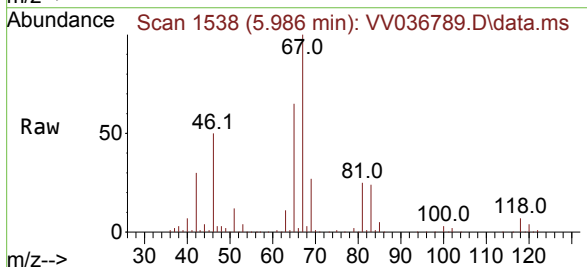
Tgt Ion: 83 Resp: 52886

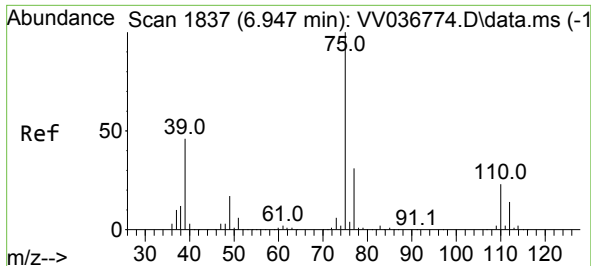
Ion Ratio Lower Upper

83 100

55 0.1 62.3 93.5#

98 1.1 38.7 58.1#





#39

cis-1,3-Dichloropropene

Concen: 1.031 ug/L

RT: 6.908 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV036789.D

Acq: 05 Aug 2024 16:03

Instrument :

MSVOA_V

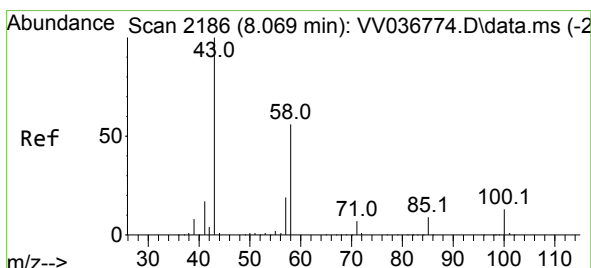
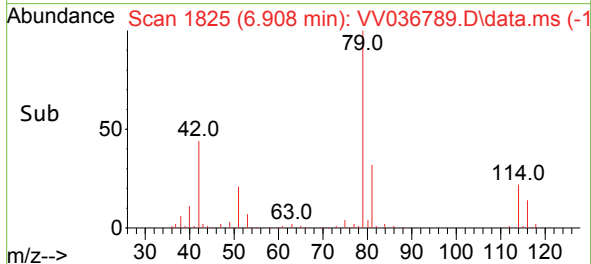
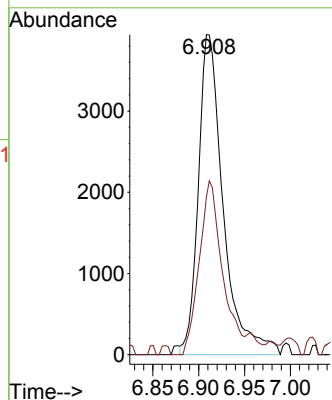
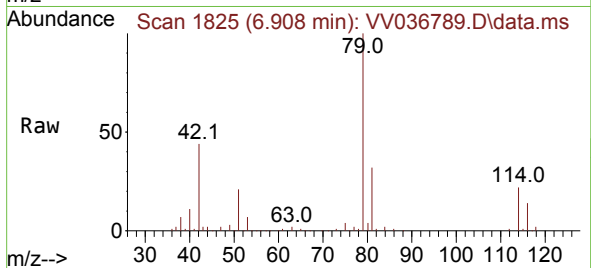
ClientSampleId :

Tgt Ion: 75 Resp: 7429

Ion Ratio Lower Upper

75 100

77 49.4 22.2 41.2#



#48

2-Hexanone

Concen: 4.221 ug/L

RT: 8.095 min Scan# 2194

Delta R.T. 0.026 min

Lab File: VV036789.D

Acq: 05 Aug 2024 16:03

Tgt Ion: 43 Resp: 16180

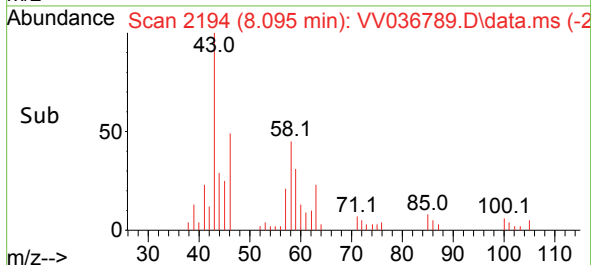
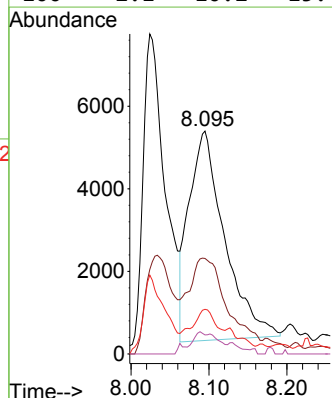
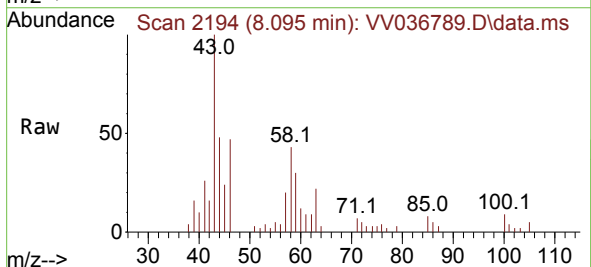
Ion Ratio Lower Upper

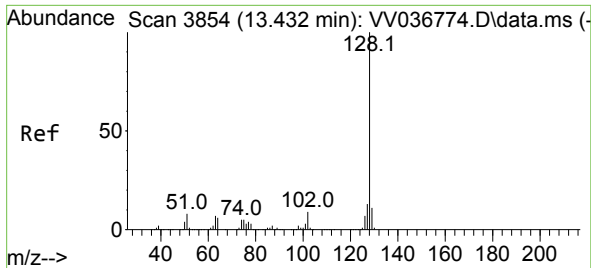
43 100

58 41.8 44.7 67.1#

57 5.5 15.0 22.4#

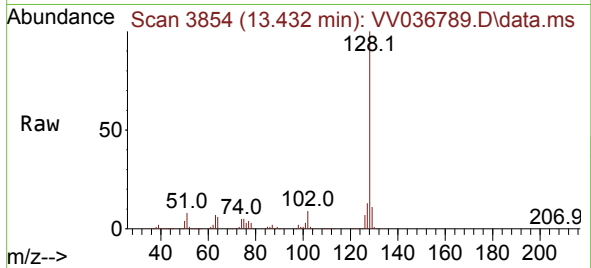
100 2.1 10.2 15.4#





#71
Naphthalene
Concen: 35.388 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. 0.000 min
Lab File: VV036789.D
Acq: 05 Aug 2024 16:03

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 612347
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.7 13.1

