

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
 Data File : VV035840.D
 Acq On : 28 May 2024 12:55
 Operator : SY/MD
 Sample : P2586-04
 Misc : 5.22g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 02:26:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:22:14 2024
 Response via : Initial Calibration

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

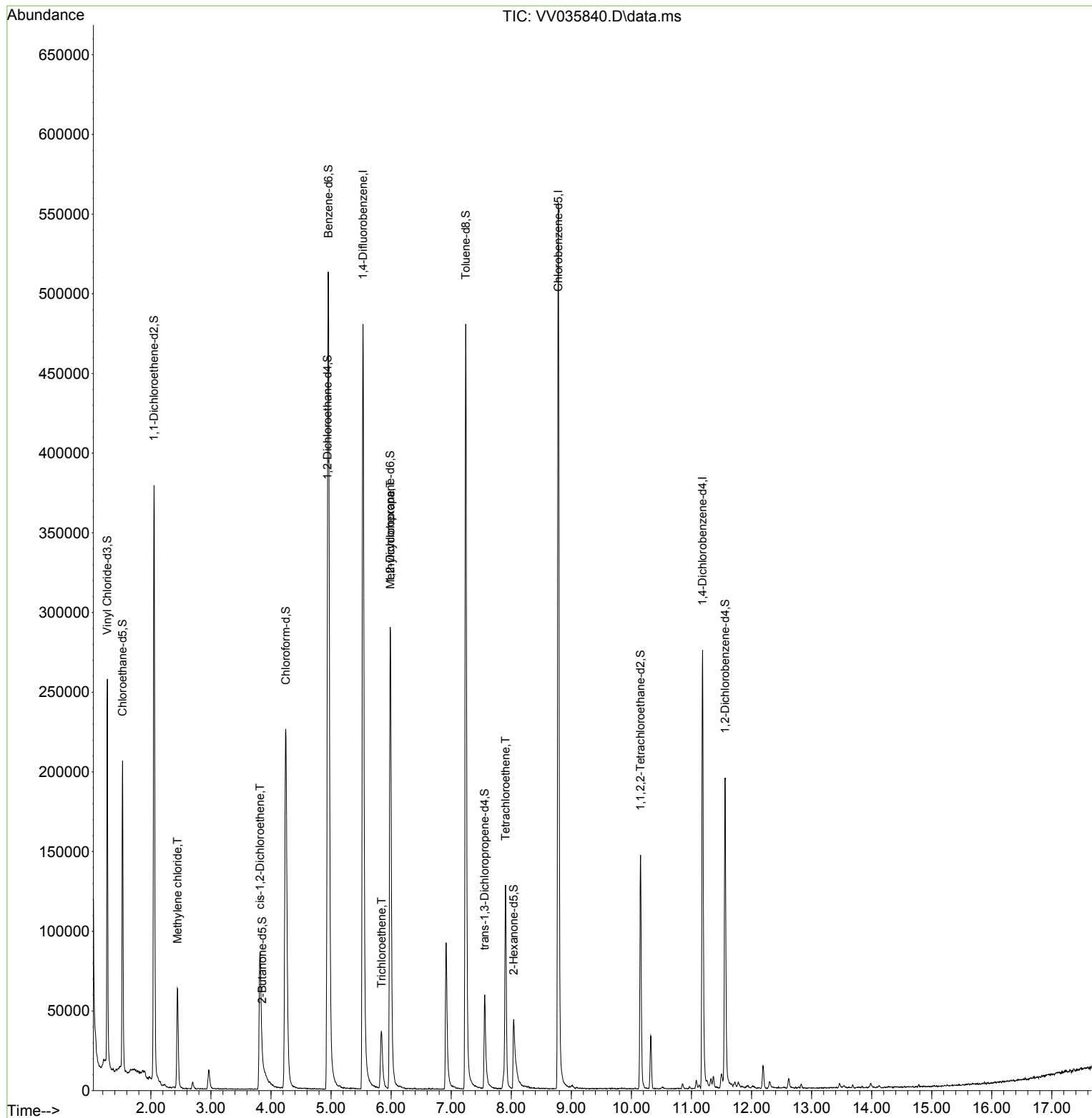
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	431490	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	320012	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	78378	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	155123	23.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.040%
7) Chloroethane-d5	1.529	69	127667	23.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.920%
11) 1,1-Dichloroethene-d2	2.053	65	64677	21.906	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.640%
21) 2-Butanone-d5	3.854	46	6210	3.281	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	6.560%#
24) Chloroform-d	4.246	84	255860	19.945	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.800%
26) 1,2-Dichloroethane-d4	4.940	65	119673	18.871	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.480%
32) Benzene-d6	4.956	84	484235	27.643	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.560%
36) 1,2-Dichloropropane-d6	5.985	67	151860	28.091	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.360%
41) Toluene-d8	7.243	98	336963	21.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.440%
43) trans-1,3-Dichloroprop...	7.558	79	37592	16.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.040%
47) 2-Hexanone-d5	8.040	63	14899	15.327	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.660%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	75061	14.409	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	57.640%
66) 1,2-Dichlorobenzene-d4	11.561	152	54062	19.875	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.520%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	27946	2.809	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	51693	6.346	ug/L	98
34) Trichloroethene	5.841	95	12429	2.075	ug/L	96
35) Methylcyclohexane	5.989	83	36848	4.051	ug/L #	21
46) Tetrachloroethene	7.905	164	30384	6.243	ug/L	99

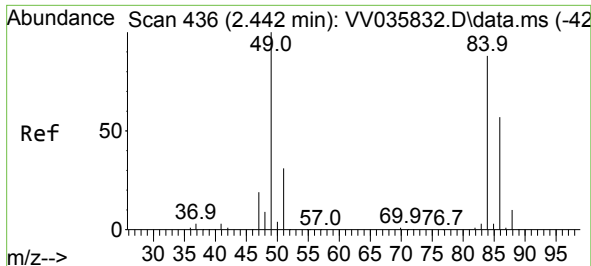
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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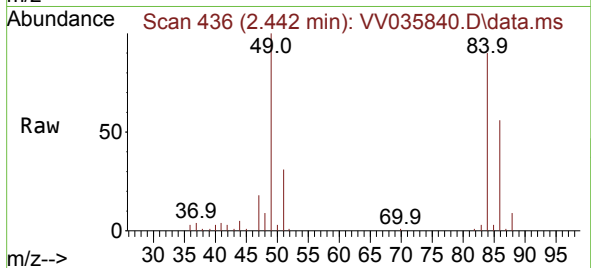
Quant Time: May 29 02:26:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 02:22:14 2024
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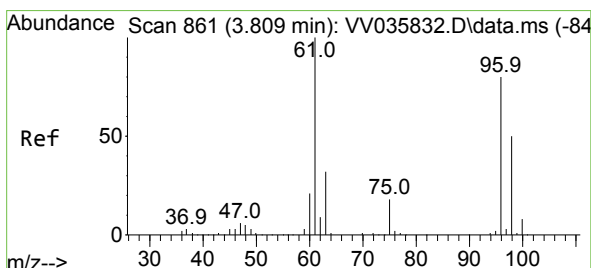
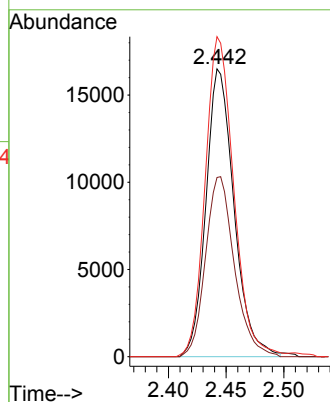
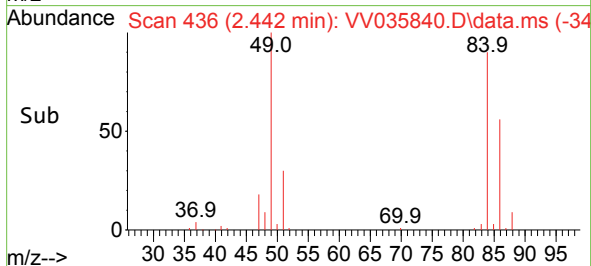


#16
Methylene chloride
Concen: 2.809 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV035840.D
Acq: 28 May 2024 12:55

Instrument :
MSVOA_V
ClientSampleId :

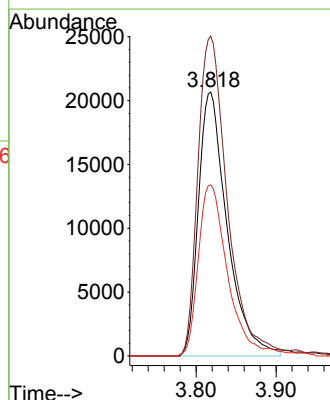
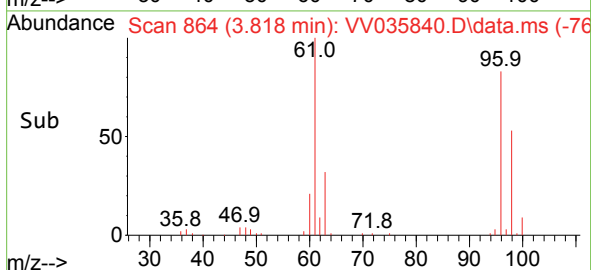
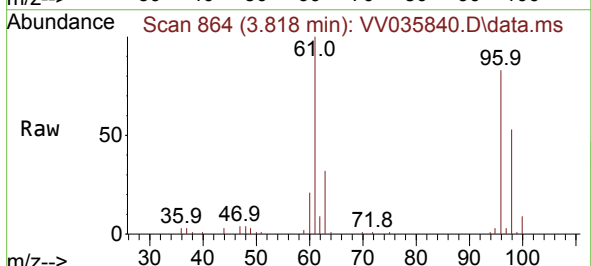


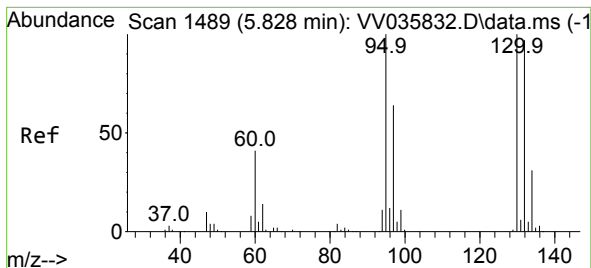
Tgt Ion: 84 Resp: 27946
Ion Ratio Lower Upper
84 100
86 62.2 43.8 81.3
49 111.1 75.3 139.9



#20
cis-1,2-Dichloroethene
Concen: 6.346 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.009 min
Lab File: VV035840.D
Acq: 28 May 2024 12:55

Tgt Ion: 96 Resp: 51693
Ion Ratio Lower Upper
96 100
61 121.2 83.9 155.9
98 64.8 44.0 81.8





#34

Trichloroethene

Concen: 2.075 ug/L

RT: 5.841 min Scan# 1489

Delta R.T. 0.013 min

Lab File: VV035840.D

Acq: 28 May 2024 12:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 12429

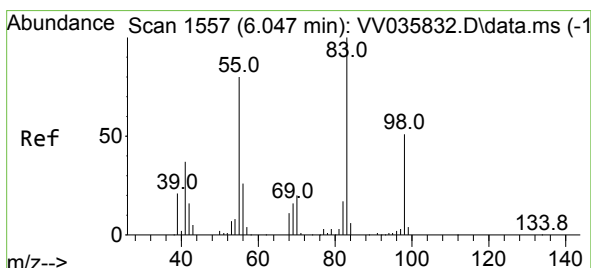
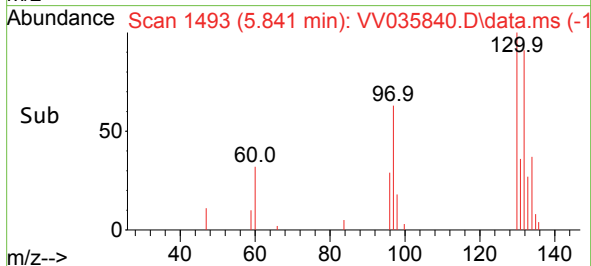
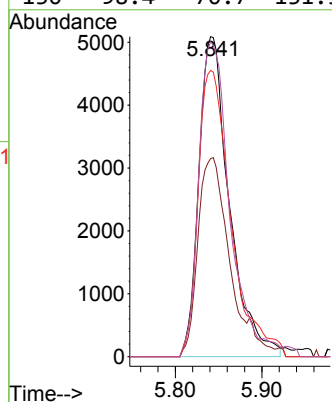
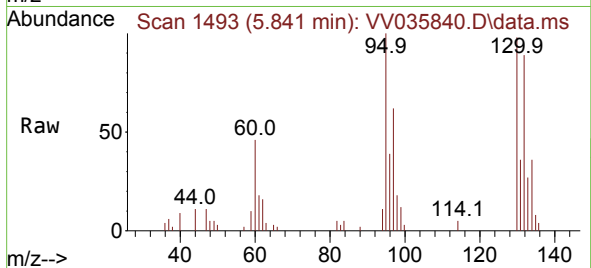
Ion Ratio Lower Upper

95 100

97 61.9 43.8 81.4

132 89.4 67.1 124.7

130 98.4 70.7 131.3



#35

Methylcyclohexane

Concen: 4.051 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV035840.D

Acq: 28 May 2024 12:55

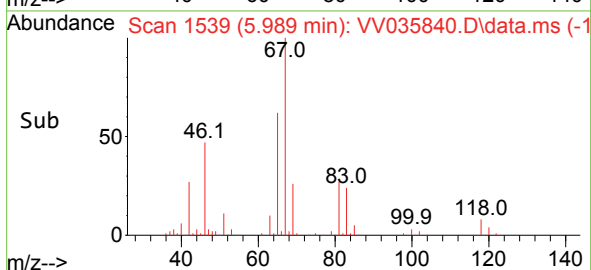
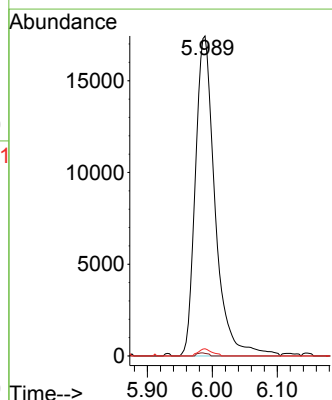
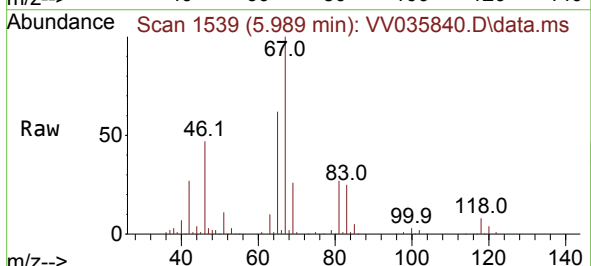
Tgt Ion: 83 Resp: 36848

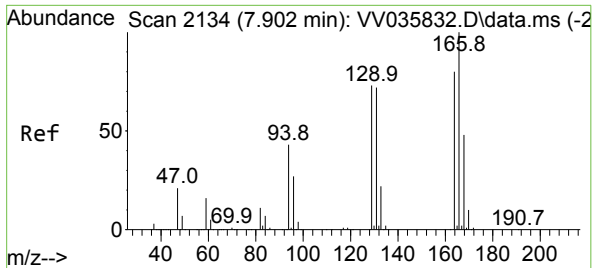
Ion Ratio Lower Upper

83 100

55 0.5 57.5 86.3#

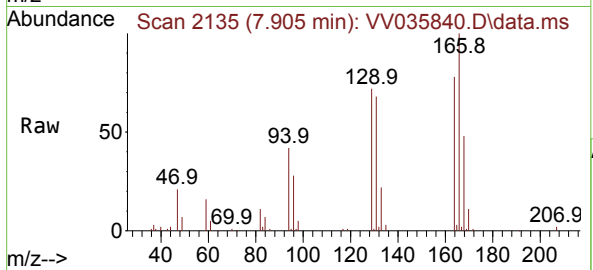
98 1.6 38.6 58.0#





#46
 Tetrachloroethene
 Concen: 6.243 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV035840.D
 Acq: 28 May 2024 12:55

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	164	Resp:	30384
Ion	Ratio	Lower	Upper
164	100		
129	92.7	63.4	117.8
131	87.3	61.0	113.4
166	128.9	88.8	164.8

