

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
 Data File : VV036604.D
 Acq On : 18 Jul 2024 16:45
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 19 04:41:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 04:31:33 2024
 Response via : Initial Calibration

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

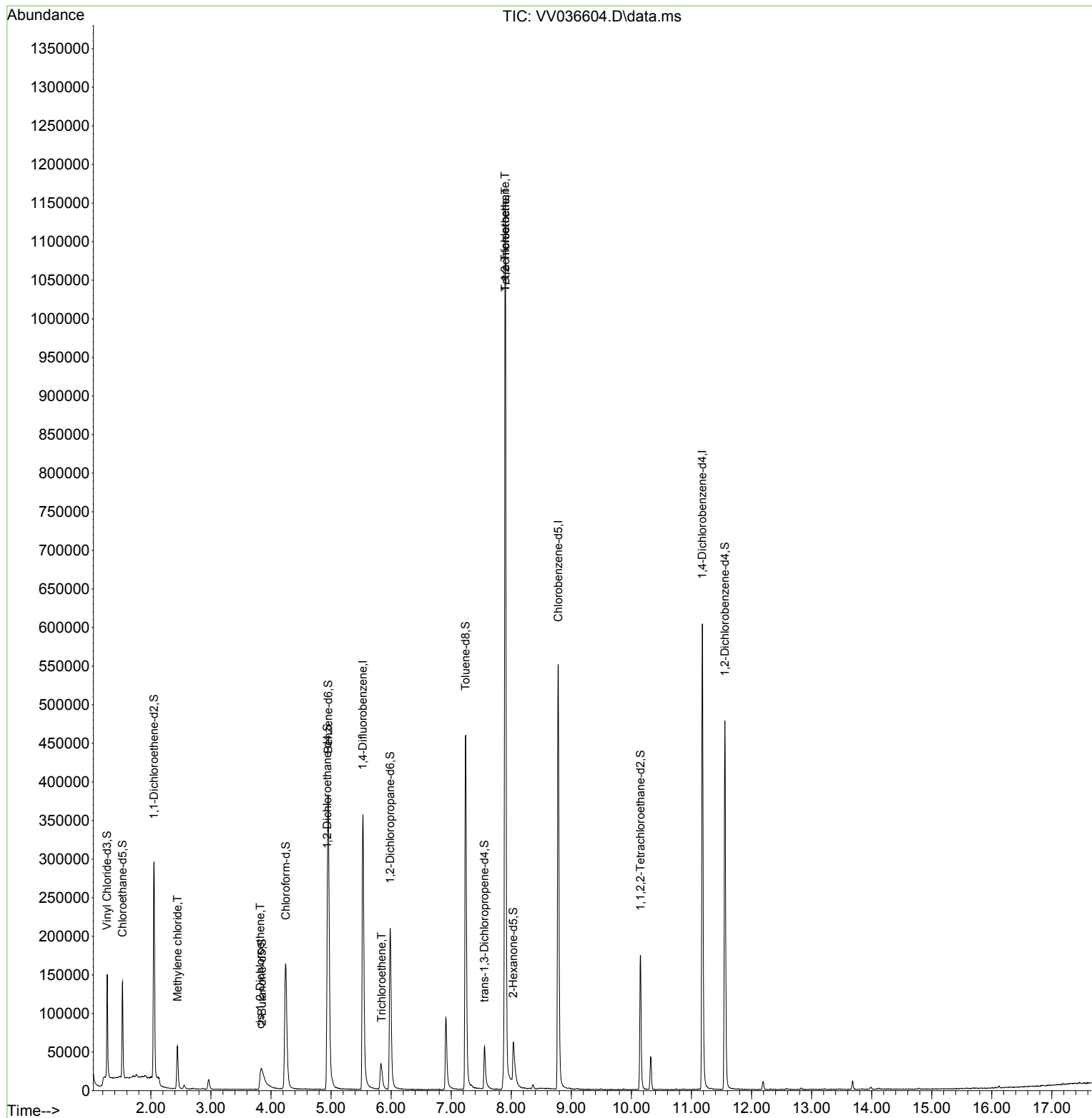
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	352183	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	337439	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	167984	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	88079	17.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.840%
7) Chloroethane-d5	1.529	69	81571	18.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.960%
11) 1,1-Dichloroethene-d2	2.050	65	45744	17.655	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.640%
21) 2-Butanone-d5	3.851	46	18113	20.974	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.940%
24) Chloroform-d	4.246	84	185221	18.068	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.280%
26) 1,2-Dichloroethane-d4	4.937	65	93083	18.307	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.240%
32) Benzene-d6	4.954	84	361545	21.477	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.920%
36) 1,2-Dichloropropane-d6	5.986	67	104297	20.788	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.160%
41) Toluene-d8	7.240	98	333604	21.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.920%
43) trans-1,3-Dichloroprop...	7.555	79	36812	17.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.600%
47) 2-Hexanone-d5	8.034	63	23382	41.962	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.920%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	85651	20.270	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.080%
66) 1,2-Dichlorobenzene-d4	11.558	152	135923	23.843	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.360%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	25850	3.570	ug/L	97
20) cis-1,2-Dichloroethene	3.822	96	8037	1.635	ug/L	97
34) Trichloroethene	5.841	95	8390	1.579	ug/L	96
45) 1,1,2-Trichloroethane	7.899	97	2369	0.570	ug/L #	1
46) Tetrachloroethene	7.902	164	278930	64.920	ug/L	99

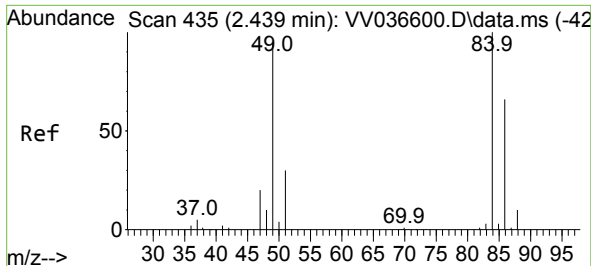
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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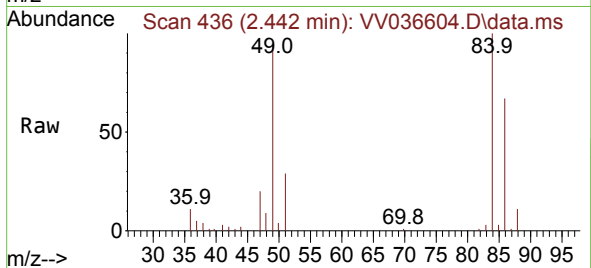
Quant Time: Jul 19 04:41:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 04:31:33 2024
Response via : Initial Calibration



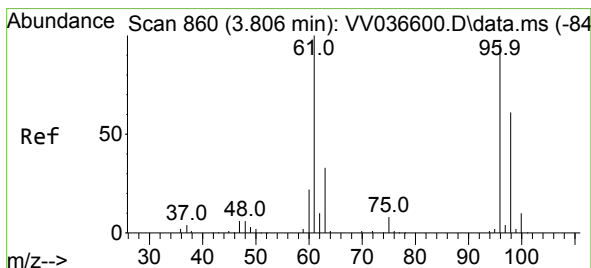
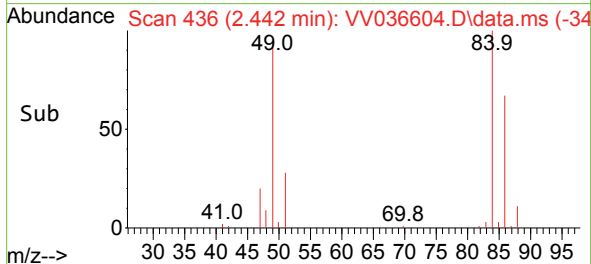
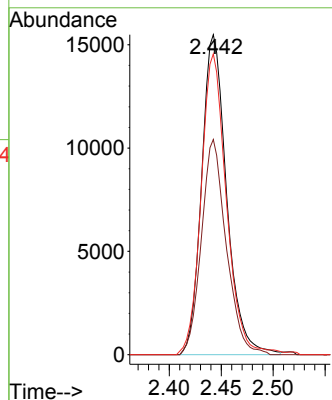


#16
Methylene chloride
Concen: 3.570 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036604.D
Acq: 18 Jul 2024 16:45

Instrument :
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ClientSampleId :

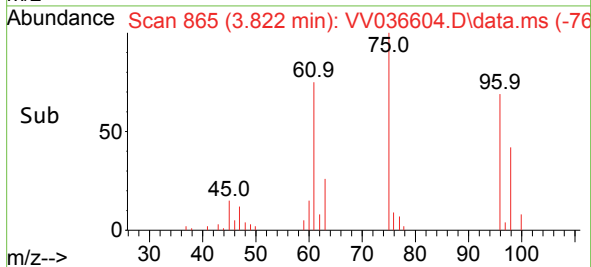
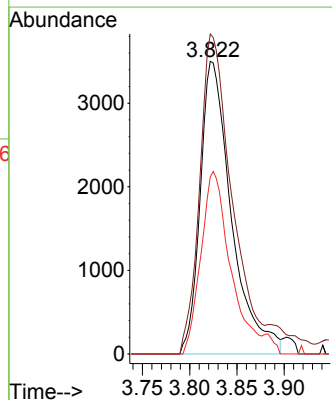
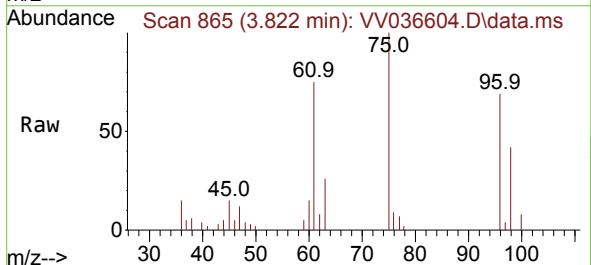


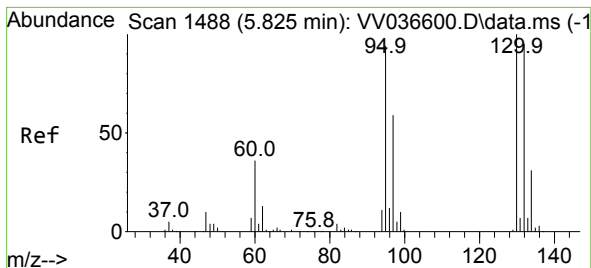
Tgt Ion: 84 Resp: 25850
Ion Ratio Lower Upper
84 100
86 67.3 46.3 86.1
49 94.0 68.1 126.5



#20
cis-1,2-Dichloroethene
Concen: 1.635 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.016 min
Lab File: VV036604.D
Acq: 18 Jul 2024 16:45

Tgt Ion: 96 Resp: 8037
Ion Ratio Lower Upper
96 100
61 109.4 74.8 138.8
98 60.6 45.2 84.0





#34

Trichloroethene

Concen: 1.579 ug/L

RT: 5.841 min Scan# 1488

Delta R.T. 0.016 min

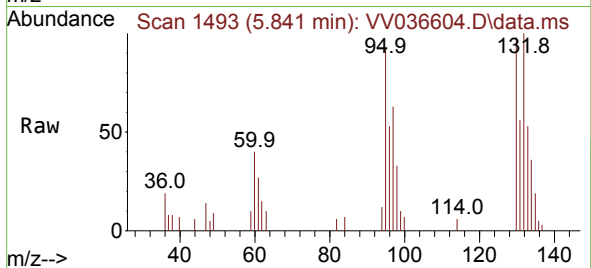
Lab File: VV036604.D

Acq: 18 Jul 2024 16:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 8390

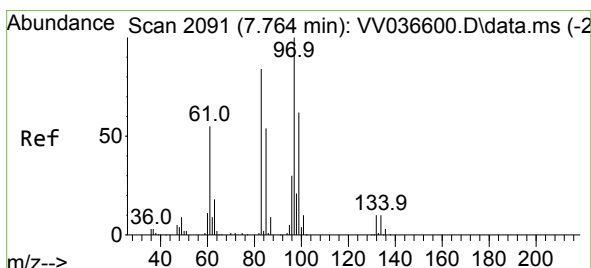
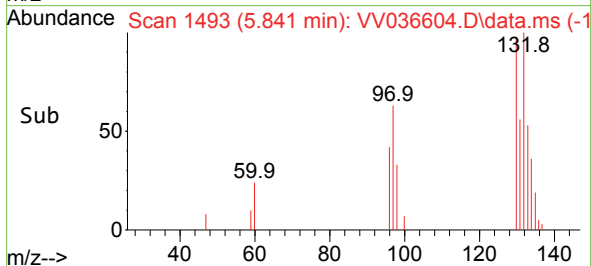
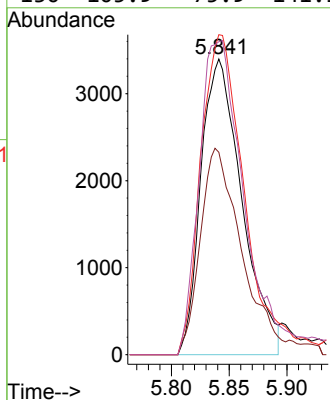
Ion Ratio Lower Upper

95 100

97 68.5 44.4 82.4

132 108.2 73.0 135.6

130 105.9 75.9 141.1



#45

1,1,2-Trichloroethane

Concen: 0.570 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.135 min

Lab File: VV036604.D

Acq: 18 Jul 2024 16:45

Tgt Ion: 97 Resp: 2369

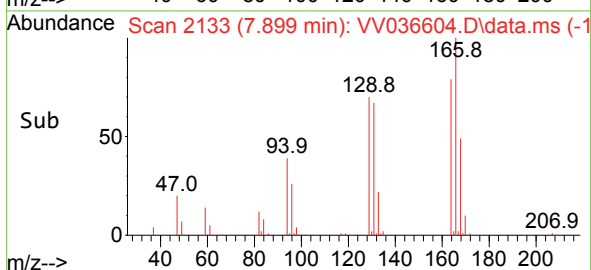
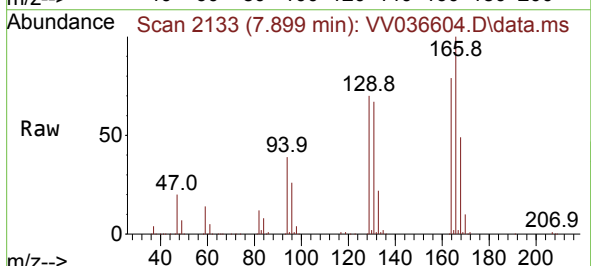
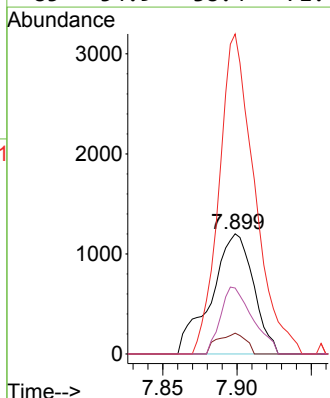
Ion Ratio Lower Upper

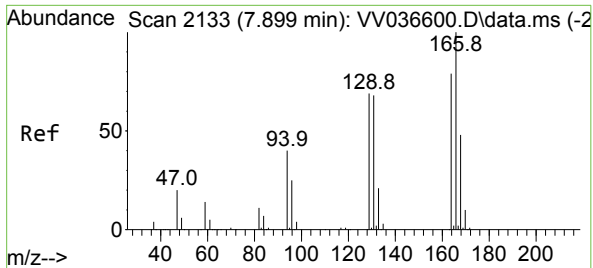
97 100

99 17.3 42.6 79.2#

83 266.4 58.0 107.6#

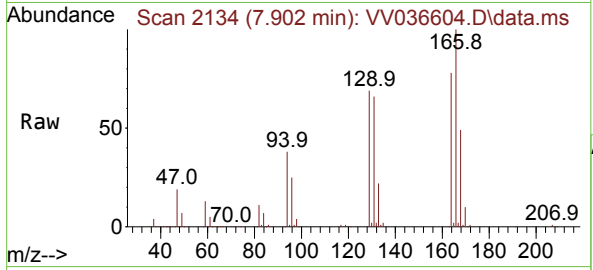
85 54.9 38.4 71.4





#46
 Tetrachloroethene
 Concen: 64.920 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV036604.D
 Acq: 18 Jul 2024 16:45

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:164 Resp: 278930

Ion	Ratio	Lower	Upper
164	100		
129	87.8	61.0	113.4
131	83.9	59.8	111.1
166	127.6	89.4	166.0

