

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
 Data File : VV035813.D
 Acq On : 25 May 2024 21:49
 Operator : SY/MD
 Sample : P2586-04
 Misc : 5.89g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 05:32:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 05:15:54 2024
 Response via : Initial Calibration

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

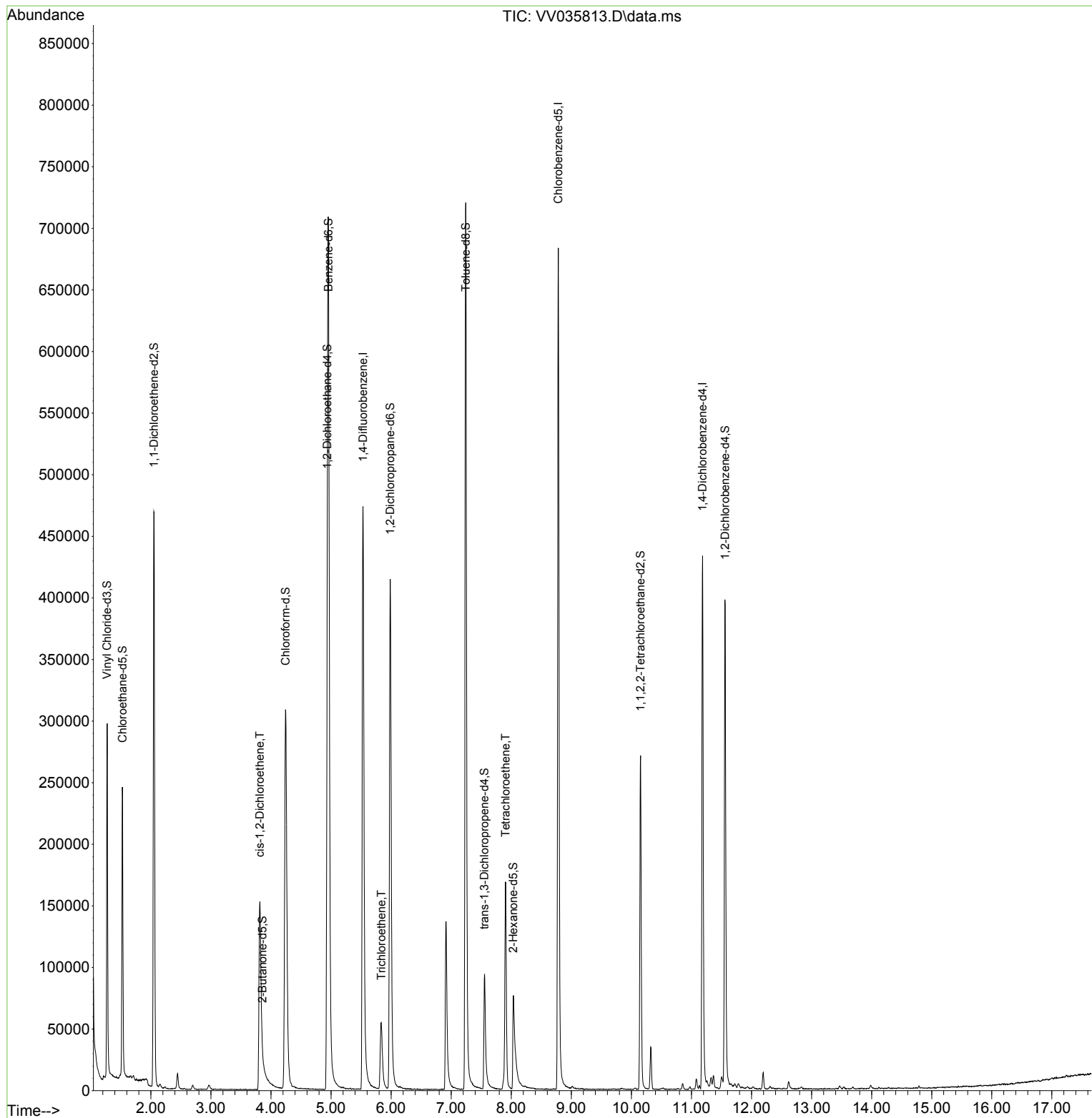
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	433732	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	395296	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	118497	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	195216	29.120	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.480%
7) Chloroethane-d5	1.526	69	160025	29.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.360%
11) 1,1-Dichloroethene-d2	2.050	65	82218	27.703	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	110.800%#
21) 2-Butanone-d5	3.857	46	38365	20.166	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.340%
24) Chloroform-d	4.243	84	351598	27.267	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.080%
26) 1,2-Dichloroethane-d4	4.937	65	189564	29.737	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.960%
32) Benzene-d6	4.957	84	663884	30.681	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.720%
36) 1,2-Dichloropropane-d6	5.986	67	216940	32.487	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.960%#
41) Toluene-d8	7.243	98	509128	26.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.760%
43) trans-1,3-Dichloroprop...	7.555	79	59885	20.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.880%
47) 2-Hexanone-d5	8.034	63	26619	22.168	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.340%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	136572	21.224	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.880%
66) 1,2-Dichlorobenzene-d4	11.561	152	106715	25.950	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.815	96	91904	11.224	ug/L	98
34) Trichloroethene	5.838	95	16972	2.293	ug/L	95
46) Tetrachloroethene	7.905	164	40376	6.716	ug/L	98

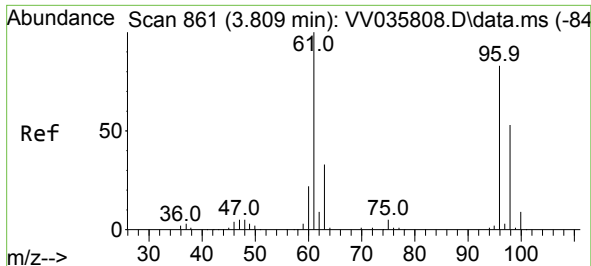
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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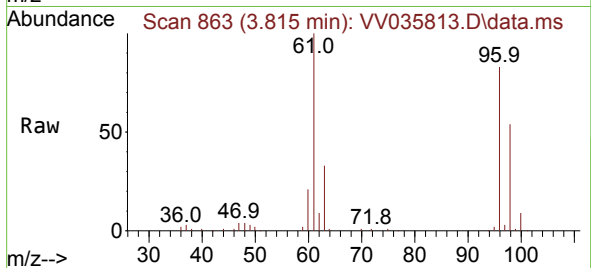
Quant Time: May 27 05:32:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 27 05:15:54 2024
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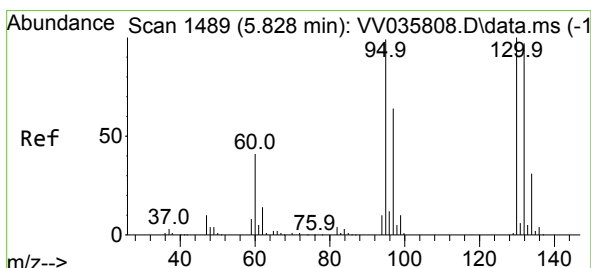
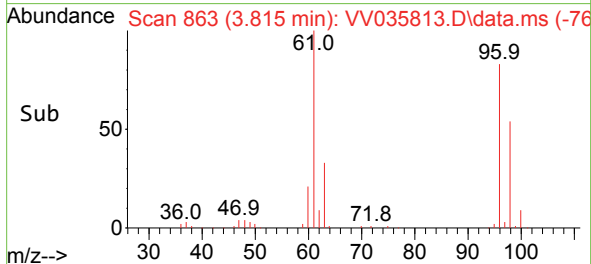
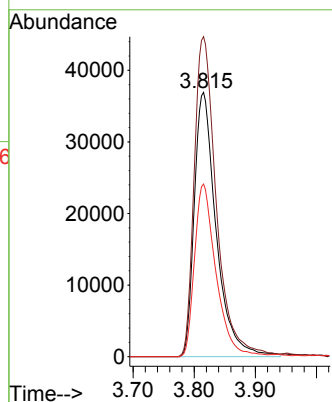


#20
cis-1,2-Dichloroethene
Concen: 11.224 ug/L
RT: 3.815 min Scan# 861
Delta R.T. 0.006 min
Lab File: VV035813.D
Acq: 25 May 2024 21:49

Instrument :
MSVOA_V
ClientSampleId :

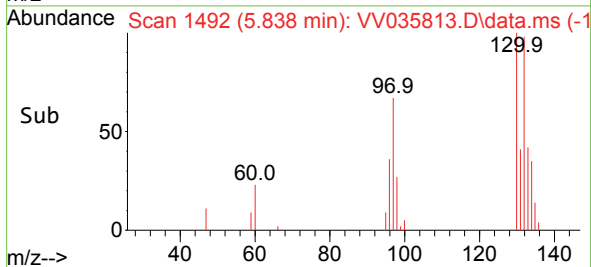
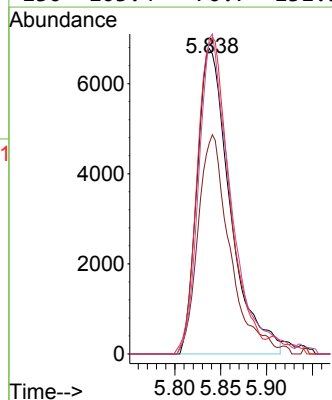
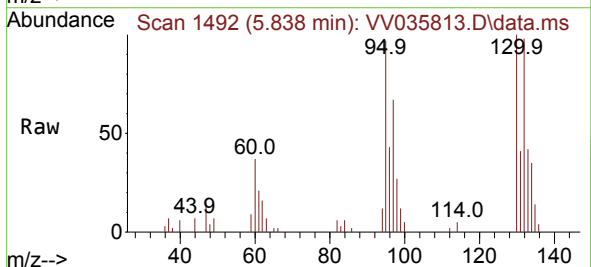


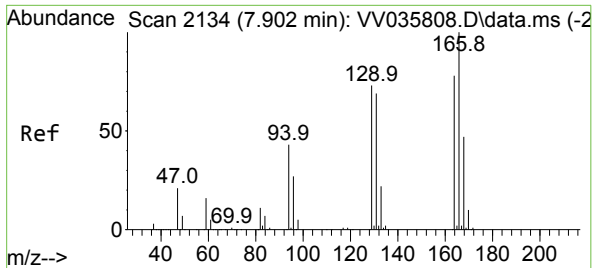
Tgt Ion: 96 Resp: 91904
Ion Ratio Lower Upper
96 100
61 121.1 83.9 155.9
98 65.3 44.0 81.8



#34
Trichloroethene
Concen: 2.293 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV035813.D
Acq: 25 May 2024 21:49

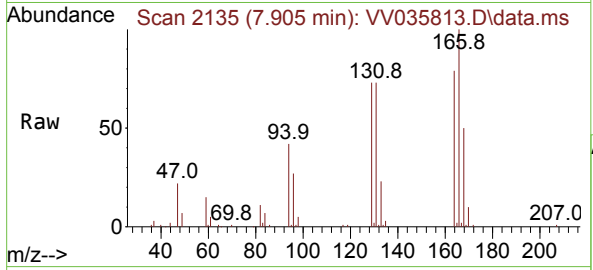
Tgt Ion: 95 Resp: 16972
Ion Ratio Lower Upper
95 100
97 69.1 43.8 81.4
132 101.8 67.1 124.7
130 103.4 70.7 131.3





#46
 Tetrachloroethene
 Concen: 6.716 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV035813.D
 Acq: 25 May 2024 21:49

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Tgt Ion:	164	Resp:	40376
Ion	Ratio	Lower	Upper
164	100		
129	93.0	63.4	117.8
131	92.1	61.0	113.4
166	126.8	88.8	164.8

