

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036712.D
 Acq On : 25 Jul 2024 17:09
 Operator : SY/MD
 Sample : P3328-19
 Misc : 9.44g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20M4

Quant Time: Jul 26 05:02:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 00:49:57 2024
 Response via : Initial Calibration

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

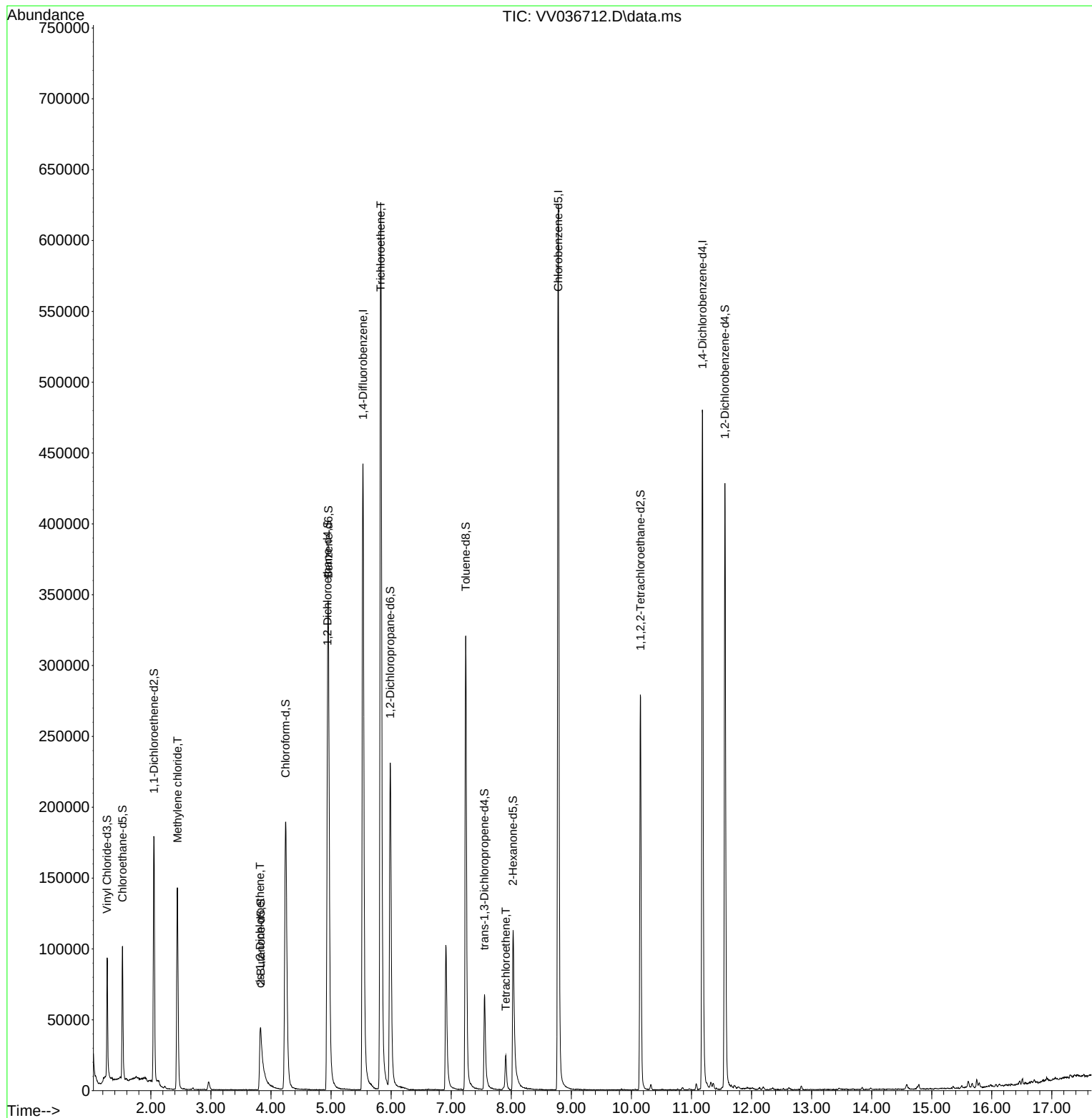
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	424407	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	384406	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	140501	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	55521	11.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.760%
7) Chloroethane-d5	1.529	69	64115	15.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.080%
11) 1,1-Dichloroethene-d2	2.053	65	28145	11.451	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.800%
21) 2-Butanone-d5	3.831	46	59226	54.596	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.200%
24) Chloroform-d	4.243	84	215090	19.163	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.640%
26) 1,2-Dichloroethane-d4	4.940	65	120008	21.672	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.680%
32) Benzene-d6	4.957	84	302779	16.619	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.480%
36) 1,2-Dichloropropane-d6	5.985	67	109803	21.152	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.600%
41) Toluene-d8	7.243	98	232364	13.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	53.440%
43) trans-1,3-Dichloroprop...	7.555	79	44748	19.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.560%
47) 2-Hexanone-d5	8.030	63	43598	63.108	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.220%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	129698	28.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.680%
66) 1,2-Dichlorobenzene-d4	11.558	152	120703	24.610	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.440%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	67488	8.546	ug/L	97
20) cis-1,2-Dichloroethene	3.818	96	15617	2.262	ug/L	98
34) Trichloroethene	5.828	95	220029	30.799	ug/L	98
46) Tetrachloroethene	7.908	164	6173	0.871	ug/L	95

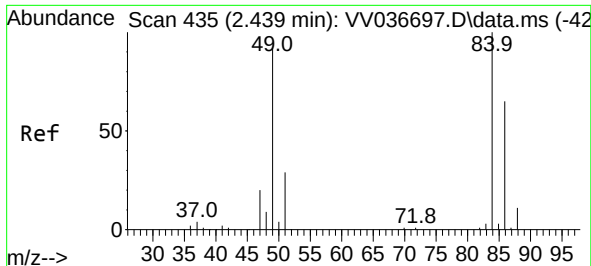
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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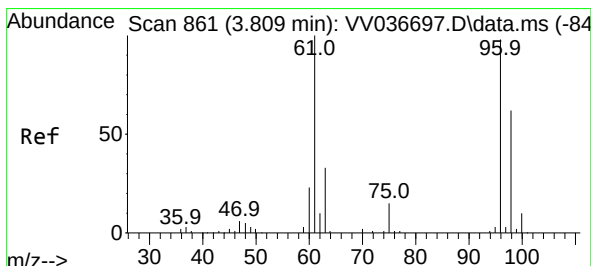
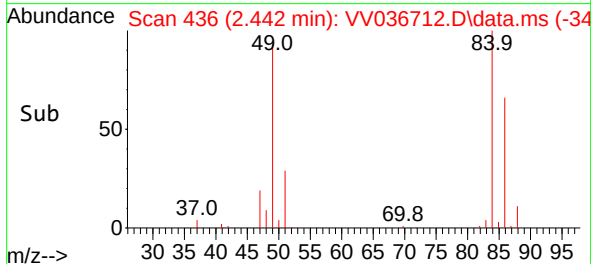
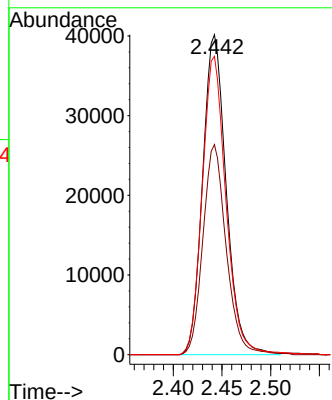
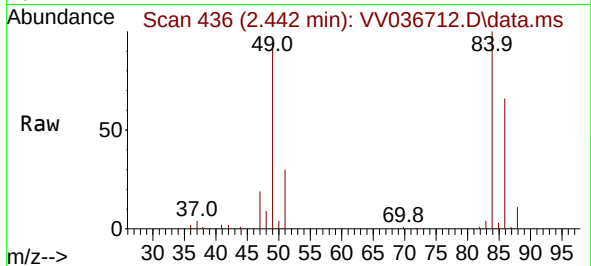




#16
Methylene chloride
Concen: 8.546 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036712.D
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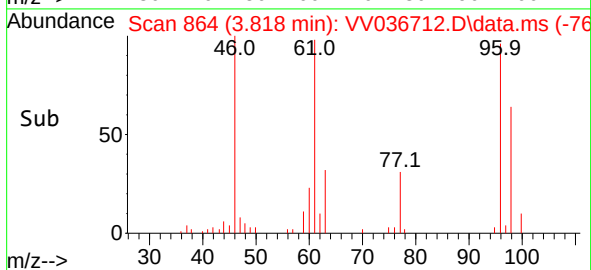
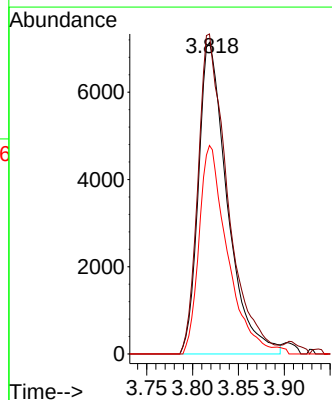
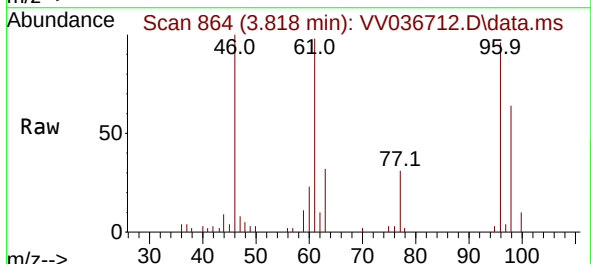
Instrument :
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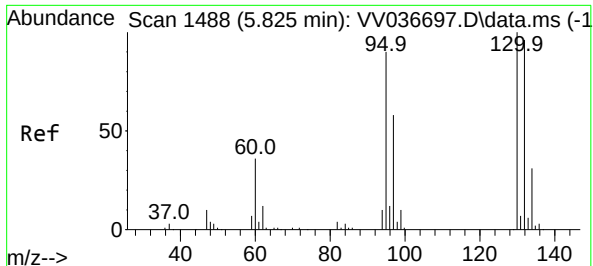
Tgt Ion: 84 Resp: 67488
Ion Ratio Lower Upper
84 100
86 65.7 47.2 87.6
49 93.2 67.3 125.1



#20
cis-1,2-Dichloroethene
Concen: 2.262 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.013 min
Lab File: VV036712.D
Acq: 25 Jul 2024 17:09

Tgt Ion: 96 Resp: 15617
Ion Ratio Lower Upper
96 100
61 102.7 73.0 135.6
98 66.9 44.8 83.2

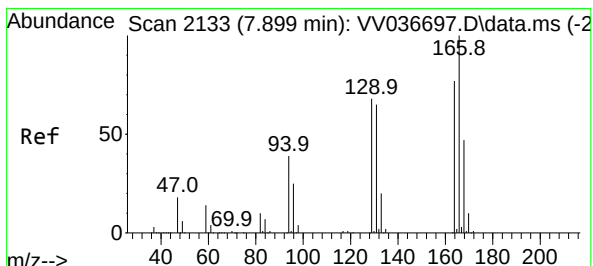
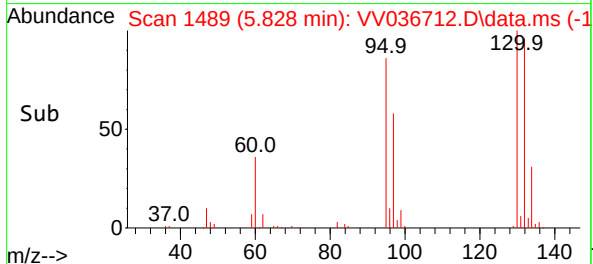
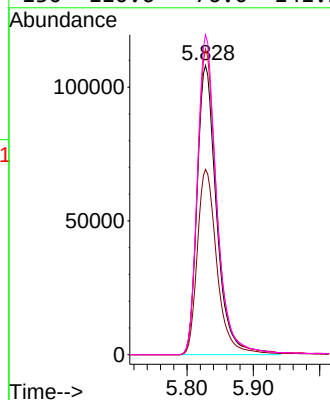
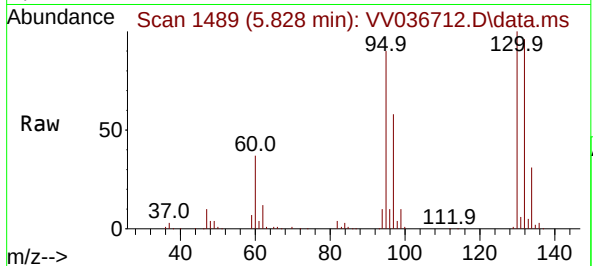




#34
Trichloroethene
Concen: 30.799 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.003 min
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Instrument :
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Tgt Ion: 95 Resp: 220029
Ion Ratio Lower Upper
95 100
97 64.0 45.1 83.7
132 105.7 72.7 134.9
130 110.6 76.0 141.2



#46
Tetrachloroethene
Concen: 0.871 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.010 min
Lab File: VV036712.D
Acq: 25 Jul 2024 17:09

Tgt Ion: 164 Resp: 6173
Ion Ratio Lower Upper
164 100
129 89.0 61.0 113.2
131 78.2 60.1 111.5
166 134.0 89.7 166.7

