

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036229.D
 Acq On : 22 Jun 2024 00:55
 Operator : SY/MD
 Sample : P2987-21
 Misc : 4.75g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0TA9

Quant Time: Jun 22 03:03:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 02:57:23 2024
 Response via : Initial Calibration

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

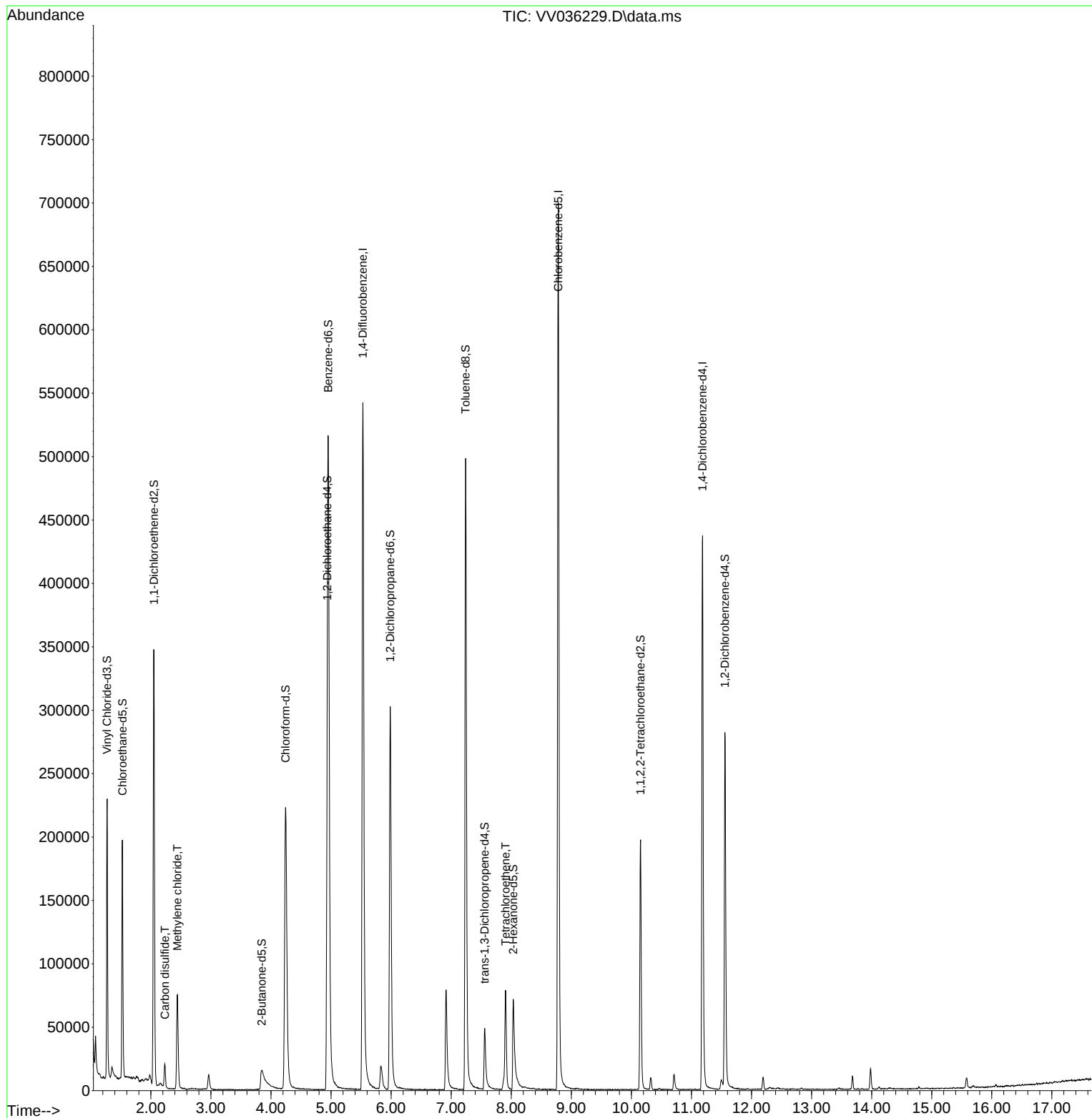
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	476510	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	390466	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	117260	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	147877	16.880	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.520%
7) Chloroethane-d5	1.526	69	125246	17.930	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.720%
11) 1,1-Dichloroethene-d2	2.050	65	59882	15.354	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.400%
21) 2-Butanone-d5	3.844	46	37441	18.627	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	37.260%
24) Chloroform-d	4.243	84	248183	16.382	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.520%
26) 1,2-Dichloroethane-d4	4.937	65	139855	17.608	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.440%
32) Benzene-d6	4.953	84	471649	20.321	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.280%
36) 1,2-Dichloropropane-d6	5.985	67	153787	21.040	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.160%
41) Toluene-d8	7.239	98	349065	17.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.160%
43) trans-1,3-Dichloroprop...	7.558	79	33029	11.021	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	44.080%
47) 2-Hexanone-d5	8.034	63	27030	27.295	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.600%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	99019	18.129	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.520%
66) 1,2-Dichlorobenzene-d4	11.558	152	73823	17.168	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.680%#
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.233	76	22449	0.847	ug/L	99
16) Methylene chloride	2.439	84	33776	3.132	ug/L	98
46) Tetrachloroethene	7.905	164	17862	3.120	ug/L	97

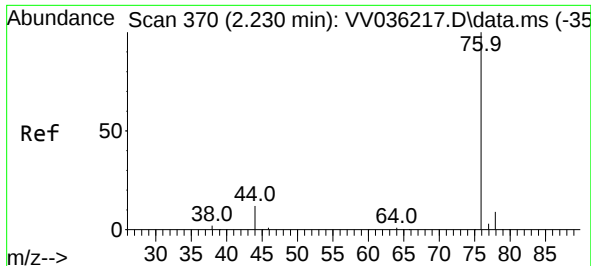
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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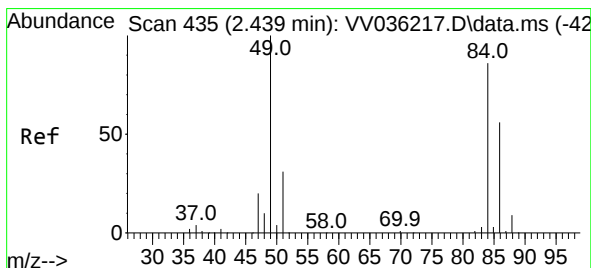
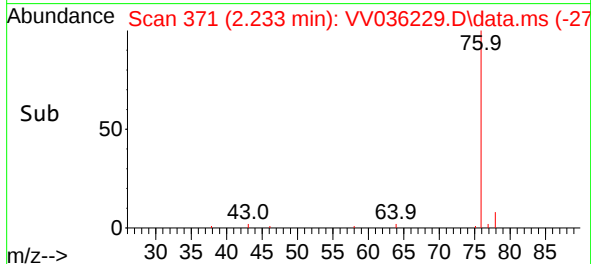
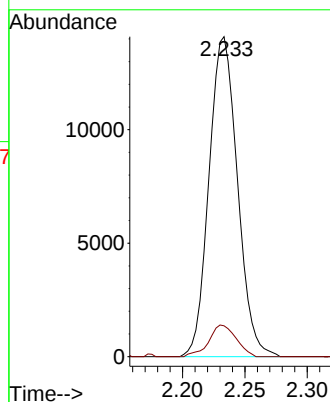
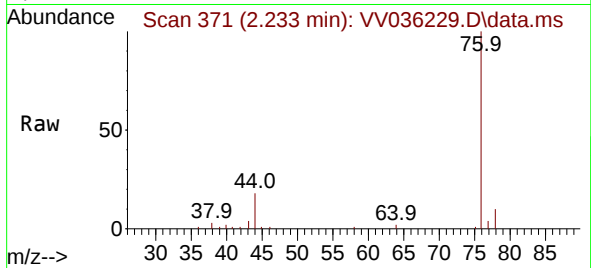




#14
Carbon disulfide
Concen: 0.847 ug/L
RT: 2.233 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV036229.D
Acq: 22 Jun 2024 00:55

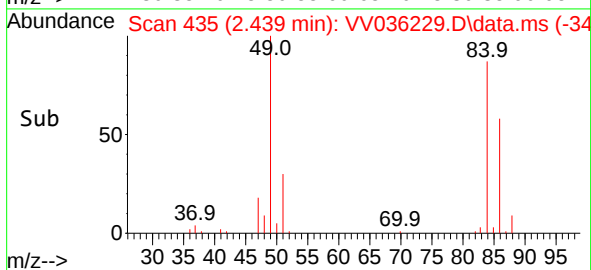
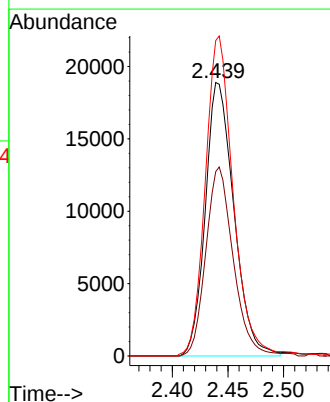
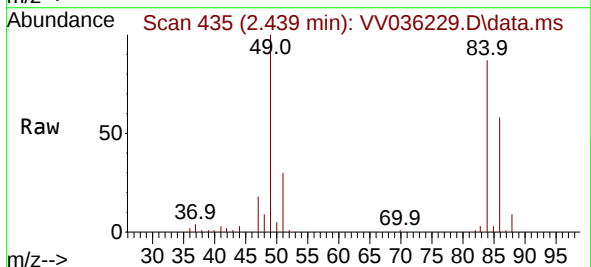
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C0TA9

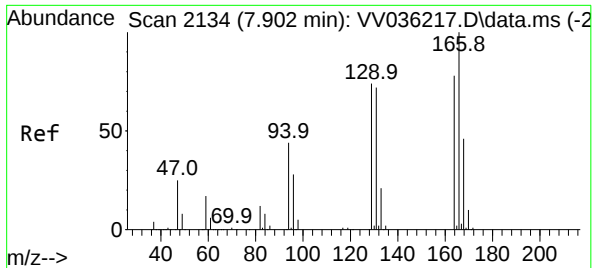
Tgt Ion: 76 Resp: 22449
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#16
Methylene chloride
Concen: 3.132 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036229.D
Acq: 22 Jun 2024 00:55

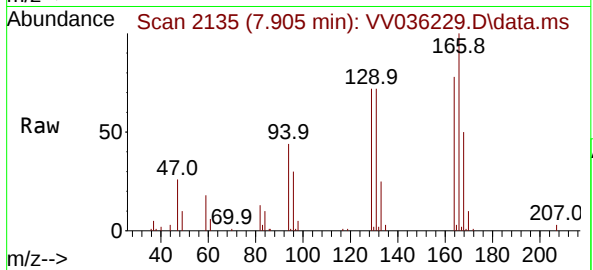
Tgt Ion: 84 Resp: 33776
Ion Ratio Lower Upper
84 100
86 67.4 44.6 82.8
49 115.3 81.1 150.5





#46
 Tetrachloroethene
 Concen: 3.120 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV036229.D
 Acq: 22 Jun 2024 00:55

Instrument :
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Tgt Ion:	164	Resp:	17862
Ion	Ratio	Lower	Upper
164	100		
129	89.1	64.6	120.0
131	89.1	63.2	117.4
166	124.1	89.5	166.3

