

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072224\
 Data File : VV036628.D
 Acq On : 22 Jul 2024 15:40
 Operator : SY/MD
 Sample : P3238-13
 Misc : 4.93g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 23 02:06:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 02:04:44 2024
 Response via : Initial Calibration

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

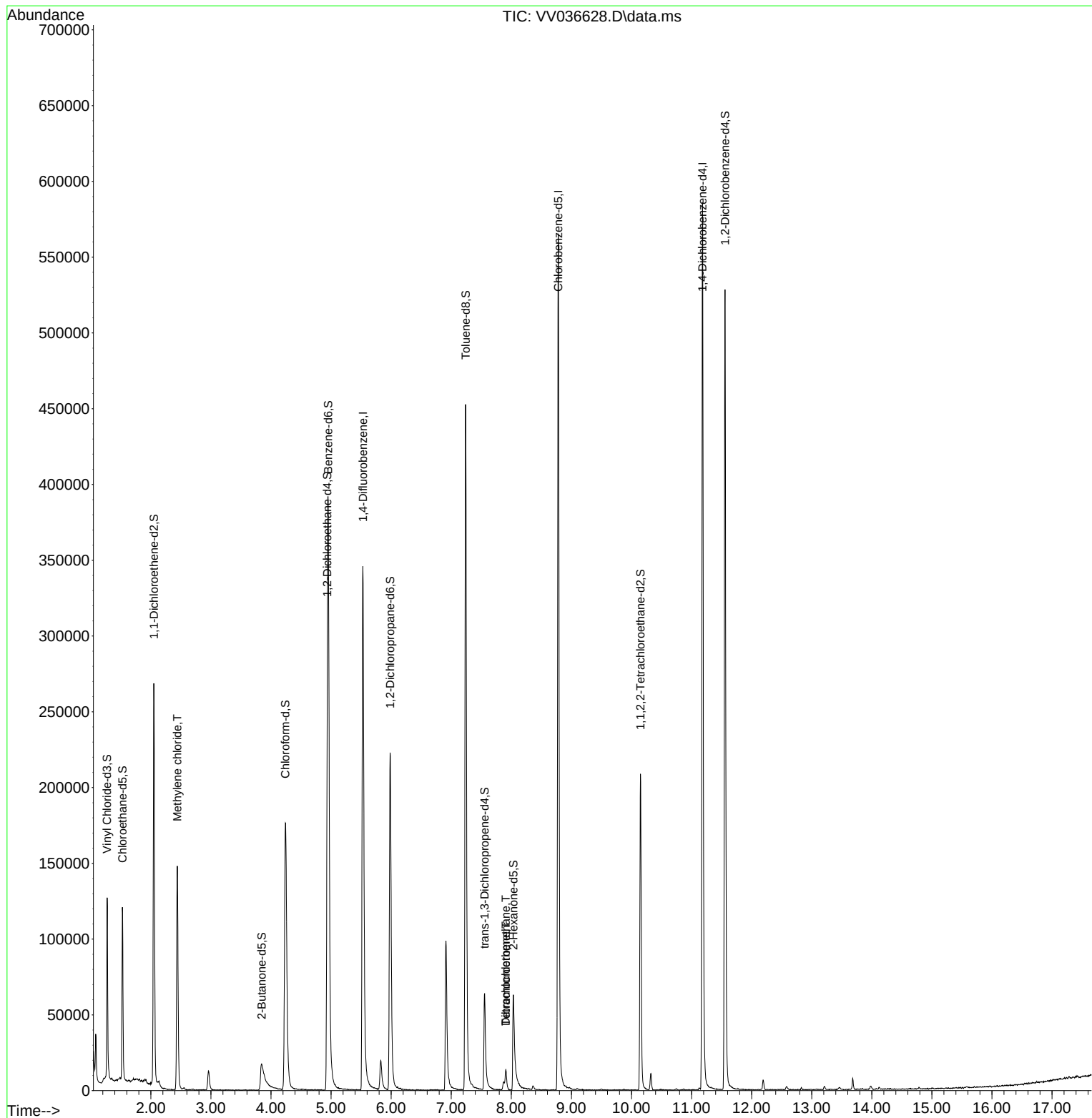
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	338070	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	355623	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	172251	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	78136	21.103	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.400%		
7) Chloroethane-d5	1.526	69	76187	22.782	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.120%		
11) 1,1-Dichloroethene-d2	2.050	65	42134	21.521	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.080%		
21) 2-Butanone-d5	3.844	46	33462	38.724	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.440%		
24) Chloroform-d	4.240	84	202481	22.646	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.600%		
26) 1,2-Dichloroethane-d4	4.937	65	109991	24.936	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.760%		
32) Benzene-d6	4.954	84	361423	21.444	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.760%		
36) 1,2-Dichloropropane-d6	5.982	67	107472	22.379	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.520%		
41) Toluene-d8	7.240	98	322324	20.039	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.160%		
43) trans-1,3-Dichloroprop...	7.555	79	42594	19.951	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.800%		
47) 2-Hexanone-d5	8.034	63	25494	39.889	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.780%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	97844	23.376	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.520%		
66) 1,2-Dichlorobenzene-d4	11.558	152	152179	25.308	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	101.240%		
Target Compounds						Qvalue
16) Methylene chloride	2.439	84	71300	11.335	ug/L	95
46) Tetrachloroethene	7.908	164	3828	0.584	ug/L	95
49) Dibromochloromethane	7.908	129	3140	0.550	ug/L #	11

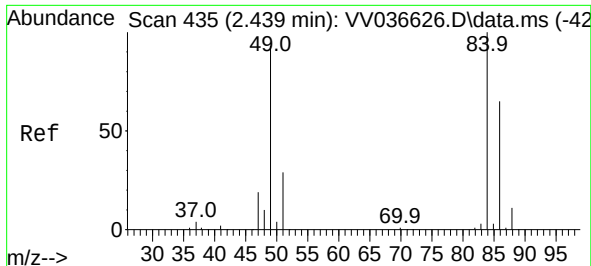
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 11.335 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.000 min

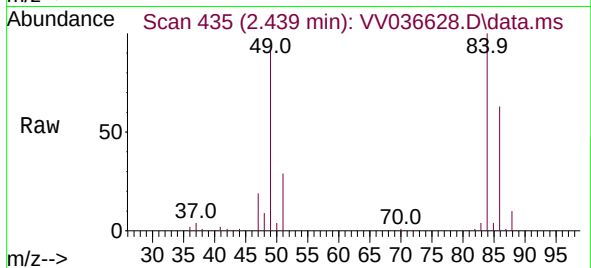
Lab File: VV036628.D

Acq: 22 Jul 2024 15:40

Instrument :

MSVOA_V

ClientSampleId :



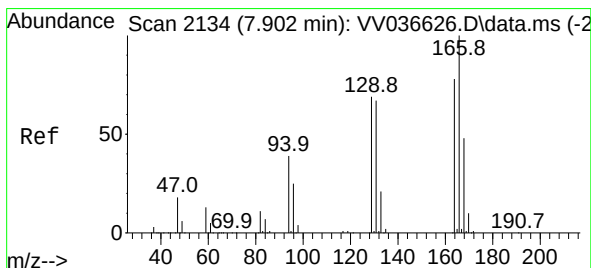
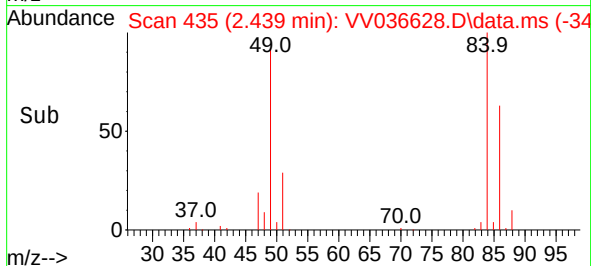
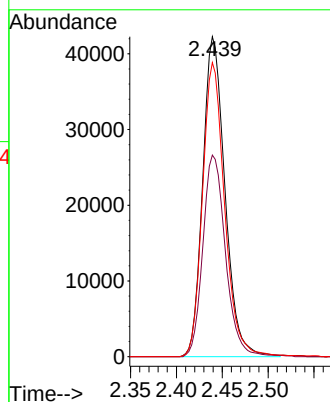
Tgt Ion: 84 Resp: 71300

Ion Ratio Lower Upper

84 100

86 63.0 47.2 87.6

49 91.9 67.3 125.1



#46

Tetrachloroethene

Concen: 0.584 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.006 min

Lab File: VV036628.D

Acq: 22 Jul 2024 15:40

Tgt Ion:164 Resp: 3828

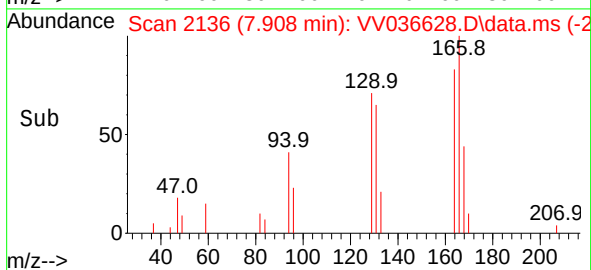
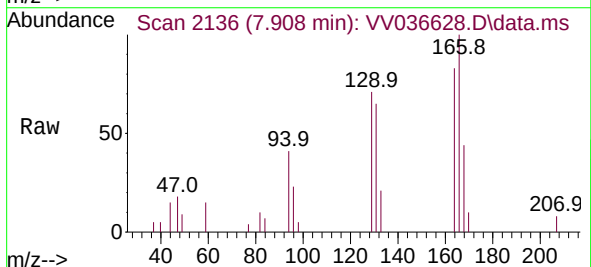
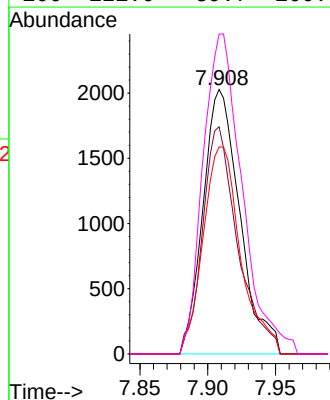
Ion Ratio Lower Upper

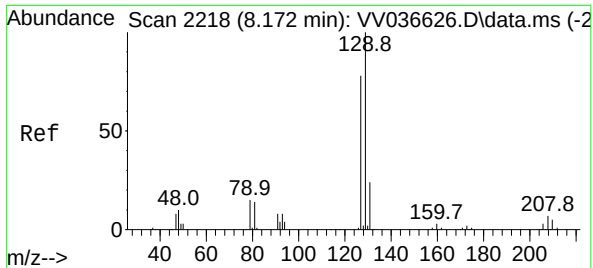
164 100

129 85.9 61.0 113.2

131 78.3 60.1 111.5

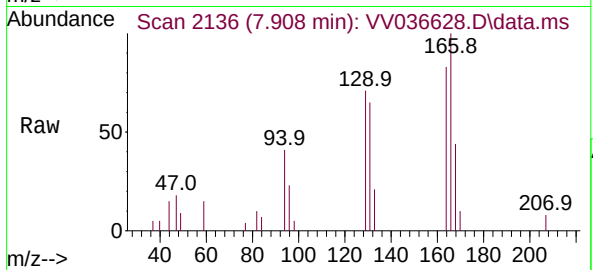
166 121.0 89.7 166.7





#49
 Dibromochloromethane
 Concen: 0.550 ug/L
 RT: 7.908 min Scan# 21
 Delta R.T. -0.264 min
 Lab File: VV036628.D
 Acq: 22 Jul 2024 15:40

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:129 Resp: 3140
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.3 100.9#

