

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035653.D
 Acq On : 21 May 2024 21:01
 Operator : SY/MD
 Sample : P2547-17
 Misc : 5.49g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:39:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:35:18 2024
 Response via : Initial Calibration

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

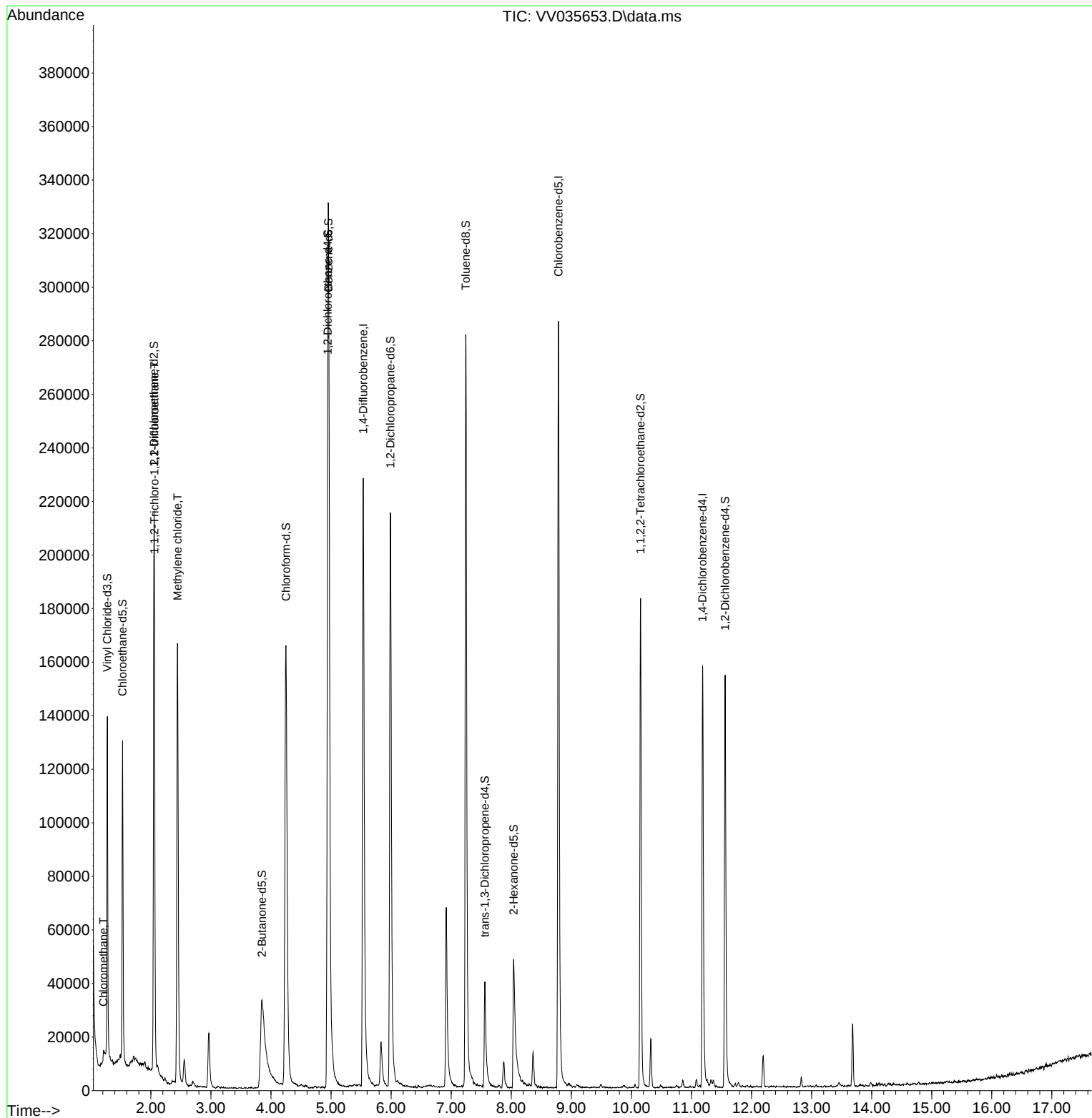
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	212252	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	172320	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	44101	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	79512	24.237	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.960%		
7) Chloroethane-d5	1.529	69	75845	28.658	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	114.640%		
11) 1,1-Dichloroethene-d2	2.053	65	36016	24.798	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	99.200%		
21) 2-Butanone-d5	3.850	46	7698	8.268	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	16.540%#		
24) Chloroform-d	4.249	84	189320	30.002	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	120.000%		
26) 1,2-Dichloroethane-d4	4.944	65	95266	30.539	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	122.160%		
32) Benzene-d6	4.957	84	297963	31.588	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	126.360%		
36) 1,2-Dichloropropane-d6	5.989	67	114117	39.202	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	156.800%#		
41) Toluene-d8	7.243	98	204622	24.374	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.480%		
43) trans-1,3-Dichloroprop...	7.561	79	28680	23.037	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.160%		
47) 2-Hexanone-d5	8.040	63	17632	33.684	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.360%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	91672	32.681	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	130.720%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	42823	27.980	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	111.920%		
Target Compounds						Qvalue
3) Chloromethane	1.211	50	2138	0.493	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	1457	0.395	ug/L #	47
16) Methylene chloride	2.445	84	74105	15.140	ug/L	96

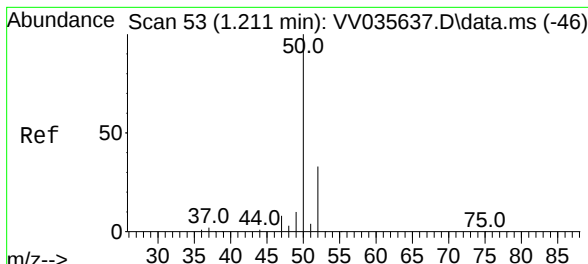
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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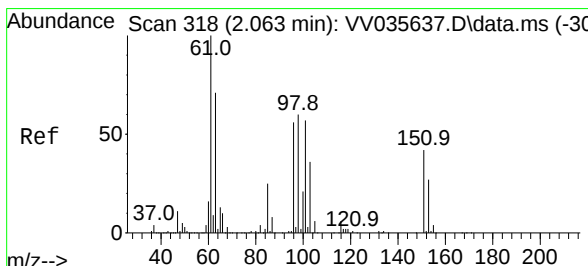
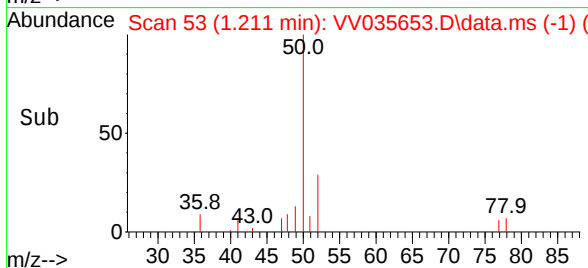
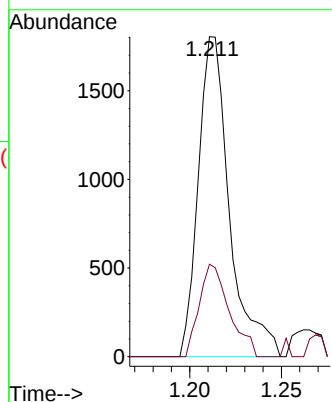
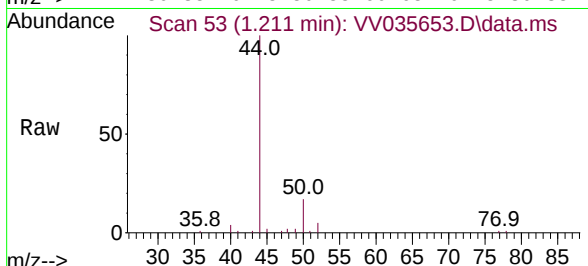




#3
 Chloromethane
 Concen: 0.493 ug/L
 RT: 1.211 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VV035653.D
 Acq: 21 May 2024 21:01

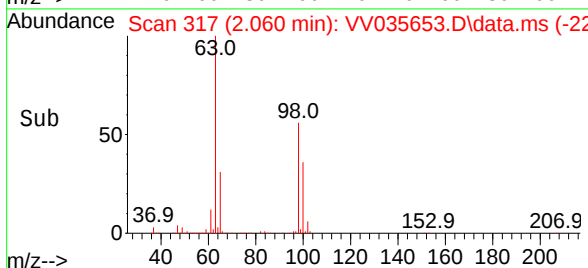
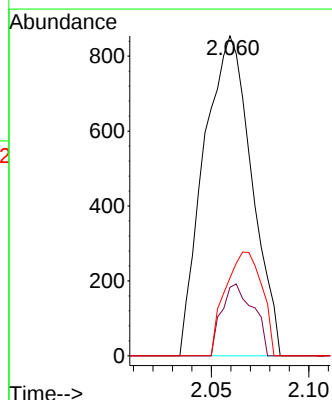
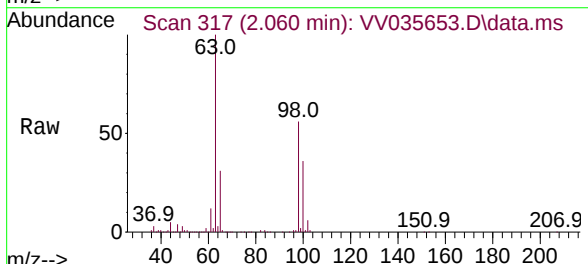
Instrument :
 MSVOA_V
 ClientSampleId :

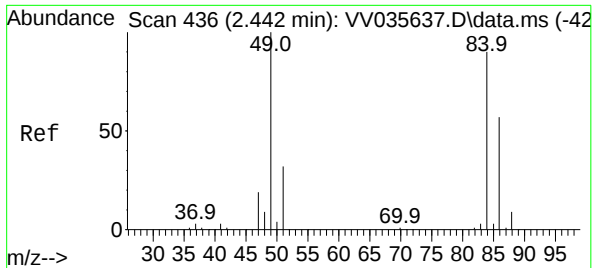
Tgt Ion: 50 Resp: 2138
 Ion Ratio Lower Upper
 50 100
 52 28.9 22.7 42.1



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.395 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV035653.D
 Acq: 21 May 2024 21:01

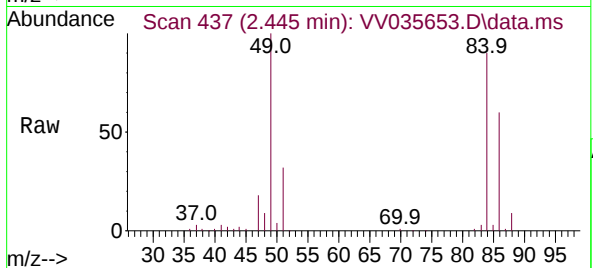
Tgt Ion: 101 Resp: 1457
 Ion Ratio Lower Upper
 101 100
 85 14.9 34.2 51.4#
 151 24.8 59.5 89.3#





#16
Methylene chloride
Concen: 15.140 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035653.D
Acq: 21 May 2024 21:01

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	84	Resp:	74105
Ion	Ratio	Lower	Upper
84	100		
86	66.3	43.8	81.3
49	110.9	75.3	139.9

