

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062024\
 Data File : VW036179.D
 Acq On : 20 Jun 2024 22:28
 Operator : SY/MD
 Sample : P2962-02
 Misc : 5.04g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:14:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

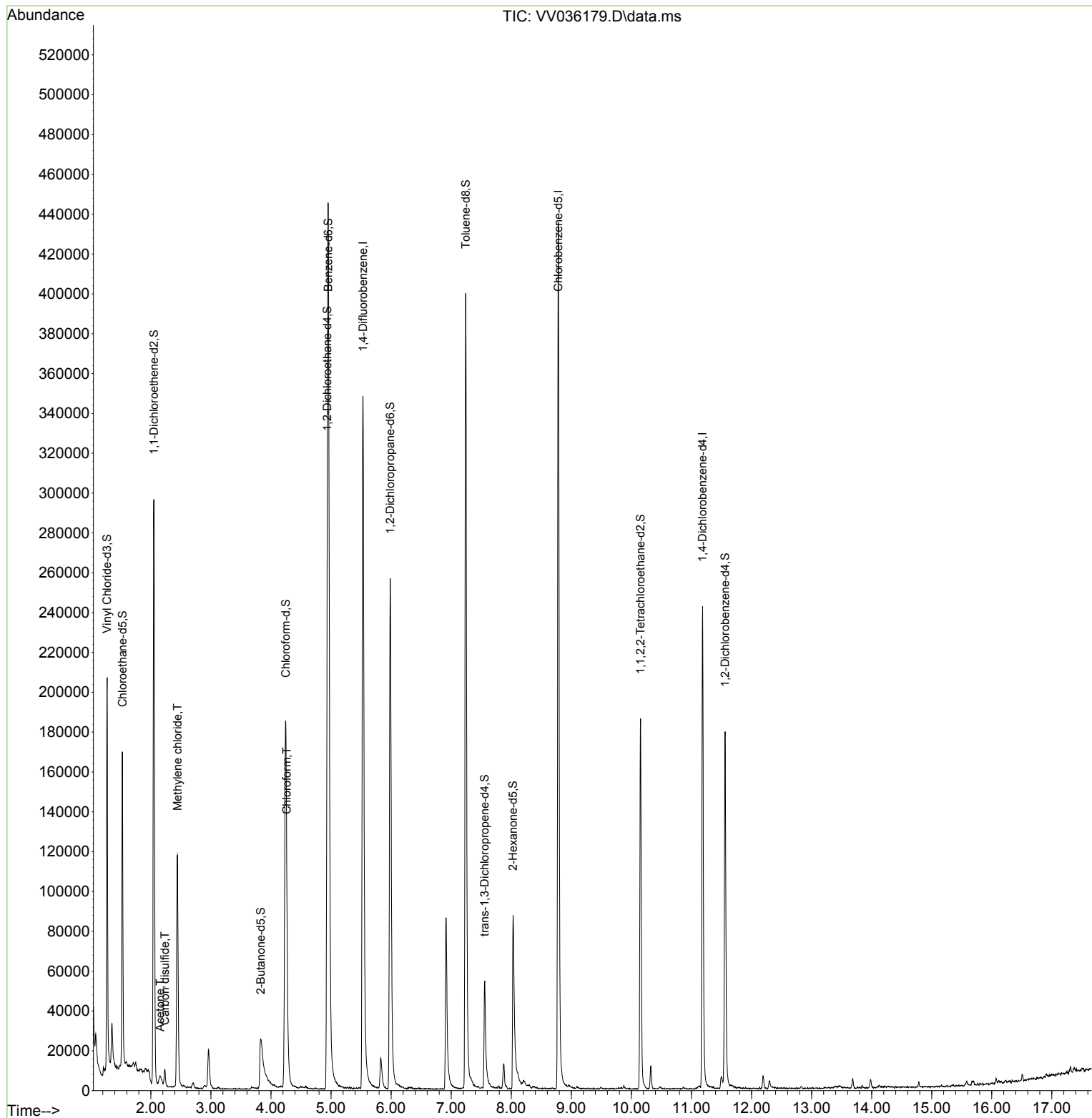
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	311945	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	248622	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	64566	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	132566	23.115	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.440%
7) Chloroethane-d5	1.526	69	107808	23.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.320%
11) 1,1-Dichloroethene-d2	2.050	65	50982	19.968	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.880%
21) 2-Butanone-d5	3.828	46	50004	38.001	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.000%
24) Chloroform-d	4.246	84	209858	21.161	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.640%
26) 1,2-Dichloroethane-d4	4.937	65	130652	25.127	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.520%
32) Benzene-d6	4.953	84	398475	26.963	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.840%
36) 1,2-Dichloropropane-d6	5.986	67	132075	28.379	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.520%
41) Toluene-d8	7.243	98	281812	21.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.440%
43) trans-1,3-Dichloroprop...	7.558	79	35804	18.763	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.040%
47) 2-Hexanone-d5	8.031	63	32505	51.550	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.100%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	92401	26.569	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.280%
66) 1,2-Dichlorobenzene-d4	11.561	152	49135	20.752	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
13) Acetone	2.153	43	9610	4.688	ug/L #	61
14) Carbon disulfide	2.233	76	10160	0.586	ug/L	99
16) Methylene chloride	2.442	84	52073	7.377	ug/L	97
25) Chloroform	4.262	83	6043	0.581	ug/L	82

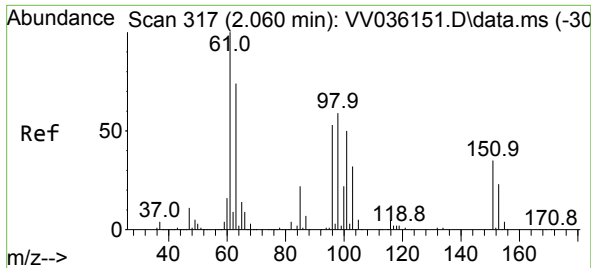
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.688 ug/L

RT: 2.153 min Scan# 346

Delta R.T. 0.007 min

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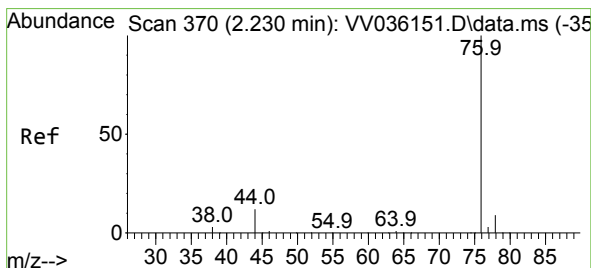
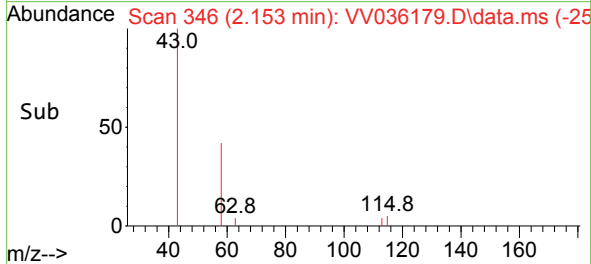
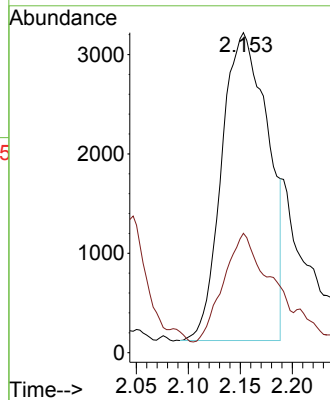
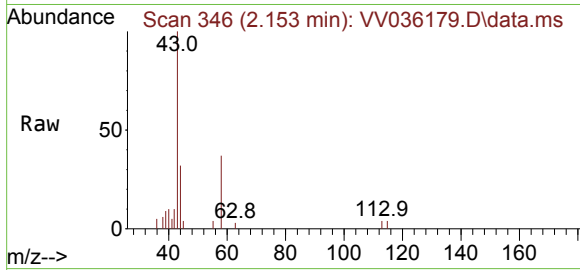
ClientSampleId :

Tgt Ion: 43 Resp: 9610

Ion Ratio Lower Upper

43 100

58 27.3 0.0 24.2#



#14

Carbon disulfide

Concen: 0.586 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

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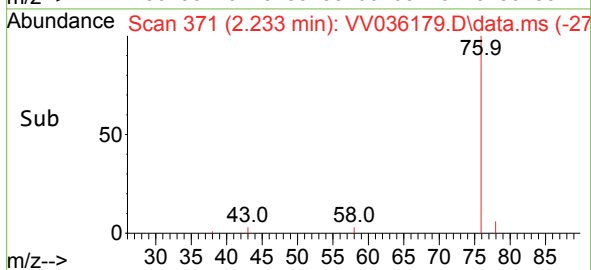
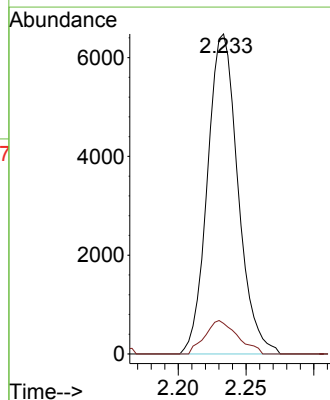
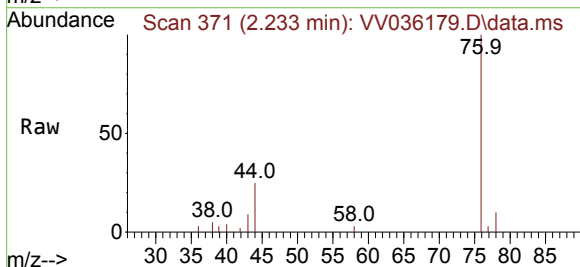
Acq: 20 Jun 2024 22:28

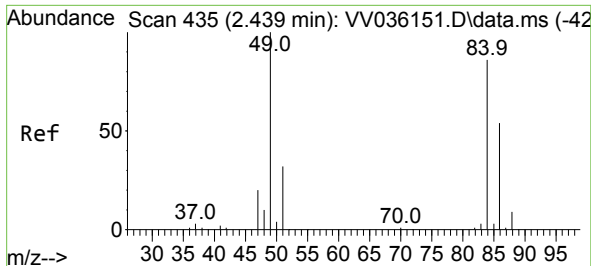
Tgt Ion: 76 Resp: 10160

Ion Ratio Lower Upper

76 100

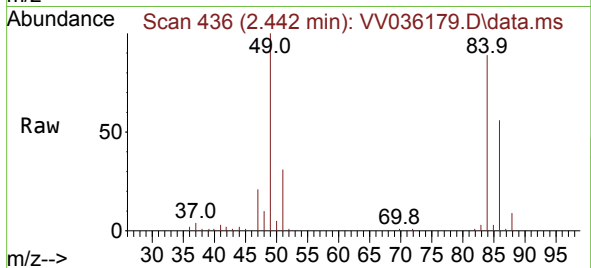
78 9.6 7.4 11.2



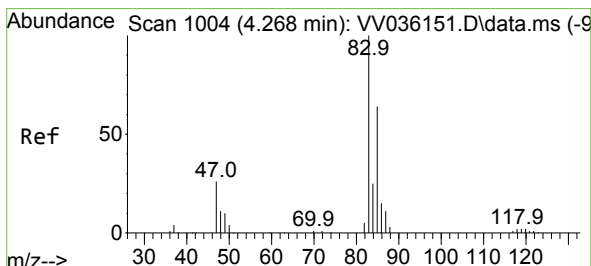
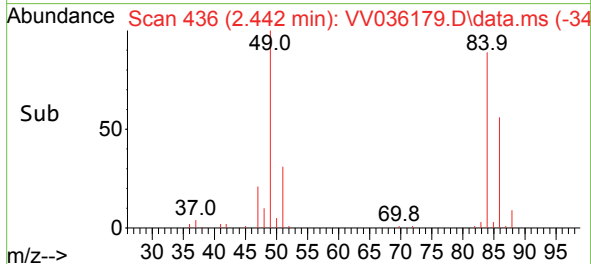
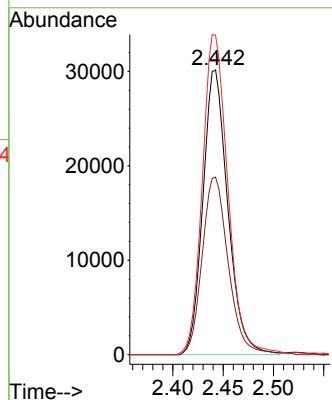


#16
Methylene chloride
Concen: 7.377 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
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Tgt Ion: 84 Resp: 52073
Ion Ratio Lower Upper
84 100
86 62.4 44.6 82.8
49 112.2 81.1 150.5



#25
Chloroform
Concen: 0.581 ug/L
RT: 4.262 min Scan# 1002
Delta R.T. -0.006 min
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Tgt Ion: 83 Resp: 6043
Ion Ratio Lower Upper
83 100
85 78.4 45.2 84.0

