

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062824\
 Data File : VV036339.D
 Acq On : 28 Jun 2024 09:40
 Operator : SY/MD
 Sample : VV0628SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 23:33:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 23:33:02 2024
 Response via : Initial Calibration

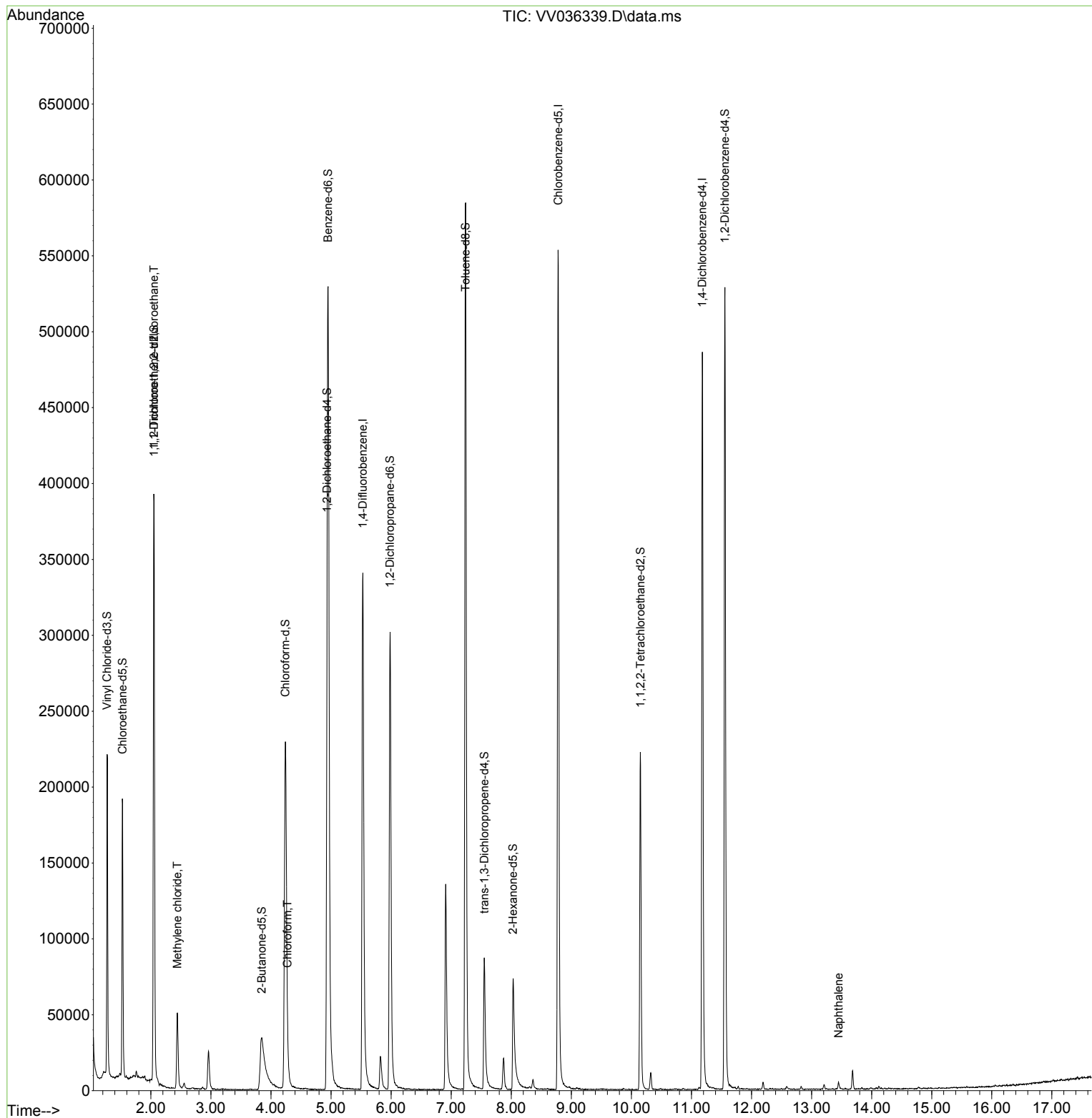
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	312723	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	315961	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	132636	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	140170	26.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.560%
7) Chloroethane-d5	1.526	69	120974	28.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.080%
11) 1,1-Dichloroethene-d2	2.050	65	65152	26.095	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.400%
21) 2-Butanone-d5	3.844	46	34342	27.861	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.720%
24) Chloroform-d	4.240	84	254138	27.531	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.120%
26) 1,2-Dichloroethane-d4	4.934	65	135728	27.572	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.280%
32) Benzene-d6	4.950	84	490603	27.506	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.040%
36) 1,2-Dichloropropane-d6	5.982	67	152571	28.439	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.760%
41) Toluene-d8	7.239	98	407579	25.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.360%
43) trans-1,3-Dichloroprop...	7.551	79	56321	23.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.040%
47) 2-Hexanone-d5	8.030	63	29397	34.327	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.660%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	110035	25.021	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.080%
66) 1,2-Dichlorobenzene-d4	11.558	152	140556	29.080	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.320%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	2178	0.391	ug/L #	21
16) Methylene chloride	2.439	84	22250	3.614	ug/L	99
25) Chloroform	4.275	83	7537	0.813	ug/L	94
71) Naphthalene	13.451	128	4148	0.464	ug/L #	90

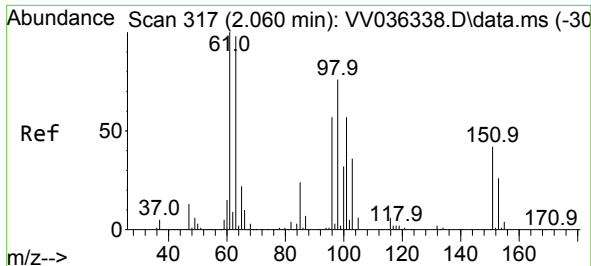
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.391 ug/L

RT: 2.053 min Scan# 317

Delta R.T. -0.006 min

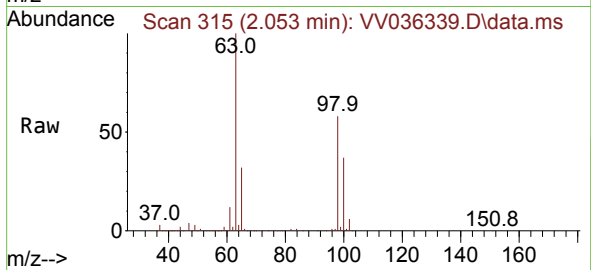
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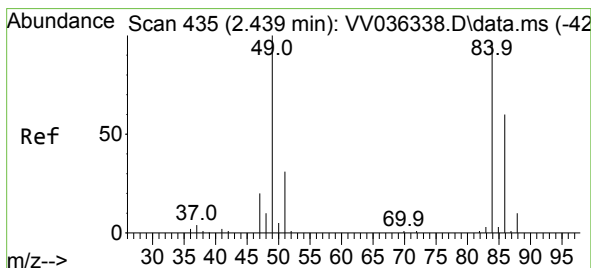
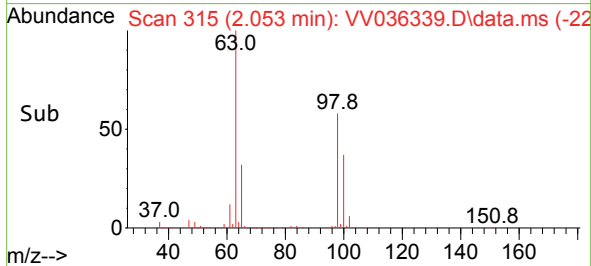
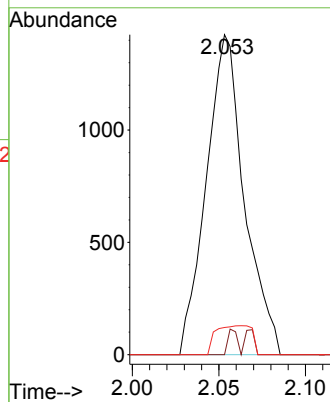
Tgt Ion:101 Resp: 2178

Ion Ratio Lower Upper

101 100

85 1.9 34.6 51.8#

151 0.0 58.9 88.3#



#16

Methylene chloride

Concen: 3.614 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

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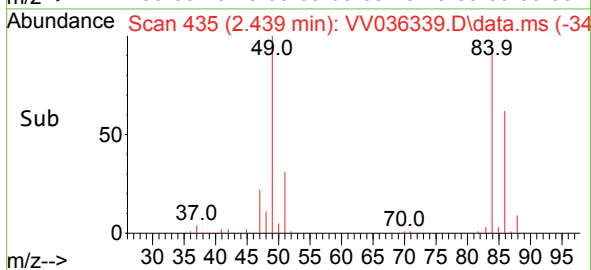
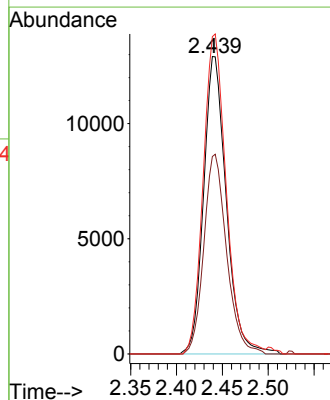
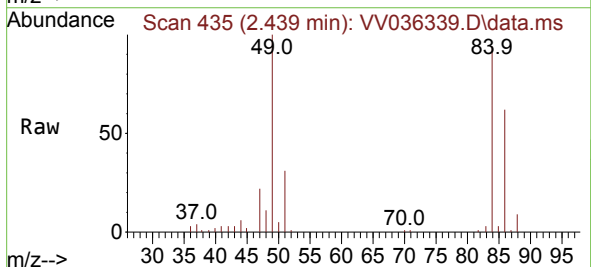
Tgt Ion: 84 Resp: 22250

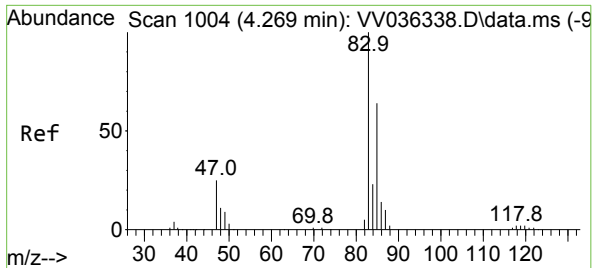
Ion Ratio Lower Upper

84 100

86 66.4 45.6 84.8

49 106.7 75.7 140.5

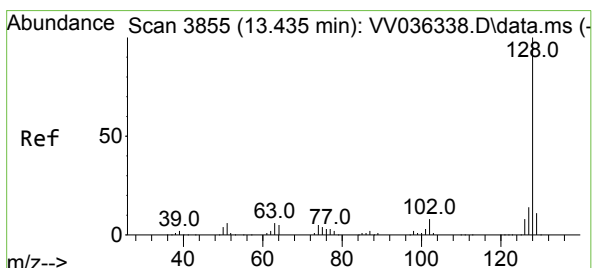
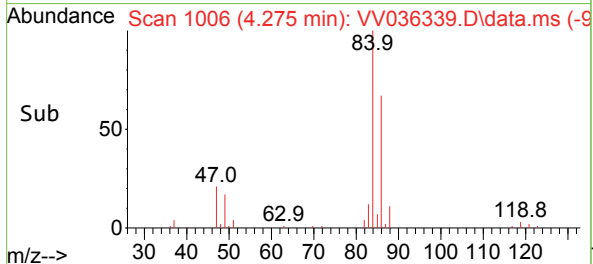
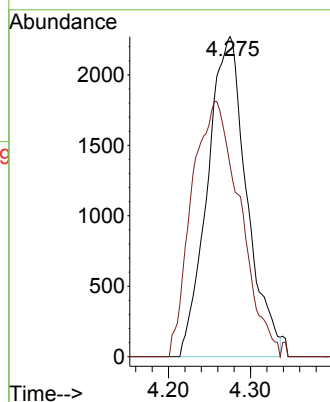
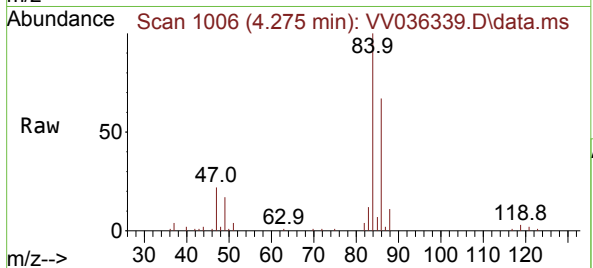




#25
Chloroform
Concen: 0.813 ug/L
RT: 4.275 min Scan# 10
Delta R.T. 0.006 min
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Tgt Ion: 83 Resp: 7537
Ion Ratio Lower Upper
83 100
85 59.9 45.0 83.6



#71
Naphthalene
Concen: 0.464 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.016 min
Lab File: VV036339.D
Acq: 28 Jun 2024 09:40

Tgt Ion:128 Resp: 4148
Ion Ratio Lower Upper
128 100
127 10.0 10.8 16.2#
129 6.5 8.6 13.0#

