

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062024\
 Data File : VW036184.D
 Acq On : 21 Jun 2024 00:25
 Operator : SY/MD
 Sample : P2962-22
 Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0TA6

Quant Time: Jun 21 05:15:28 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)

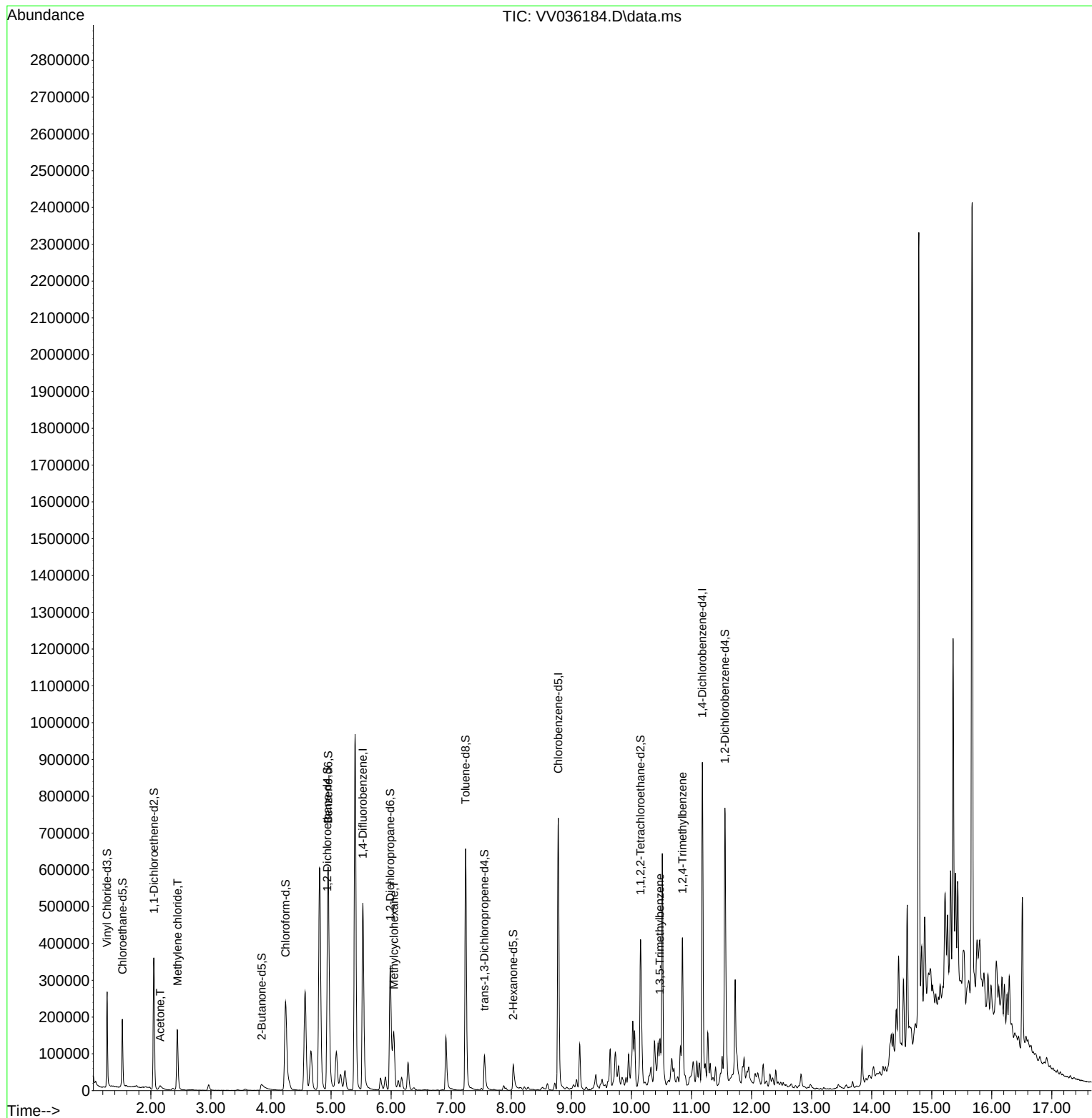
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	453527	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	409382	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	220045	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	149729	17.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.840%
7) Chloroethane-d5	1.526	69	126433	19.017	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.080%
11) 1,1-Dichloroethene-d2	2.050	65	62855	16.933	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.720%
21) 2-Butanone-d5	3.844	46	41861	21.882	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.760%
24) Chloroform-d	4.243	84	267831	18.575	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.320%
26) 1,2-Dichloroethane-d4	4.937	65	152569	20.182	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.720%
32) Benzene-d6	4.953	84	564661	23.204	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	5.985	67	181200	23.645	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.600%
41) Toluene-d8	7.239	98	456162	21.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.555	79	61909	19.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.800%
47) 2-Hexanone-d5	8.034	63	29351	28.269	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.540%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	123916	21.639	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.560%
66) 1,2-Dichlorobenzene-d4	11.558	152	181727	22.521	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.080%
Target Compounds						
					Qvalue	
13) Acetone	2.153	43	26761	8.980	ug/L	# 61
16) Methylene chloride	2.442	84	74329	7.243	ug/L	96
35) Methylcyclohexane	6.047	83	60110	5.297	ug/L	90
62) 1,3,5-Trimethylbenzene	10.474	105	55467	2.710	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	199057	9.025	ug/L	99

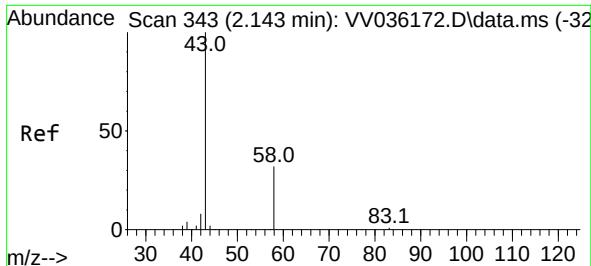
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.980 ug/L

RT: 2.153 min Scan# 34

Delta R.T. 0.006 min

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ClientSampleId :

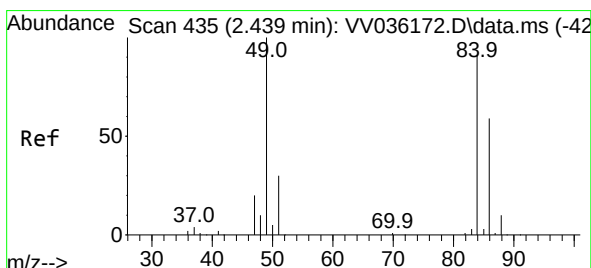
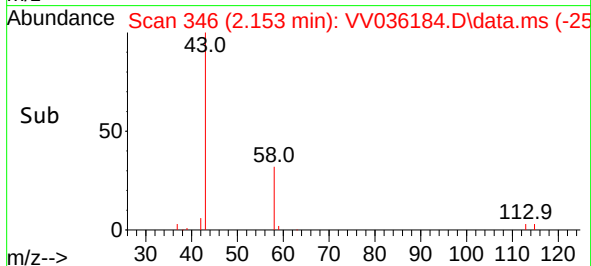
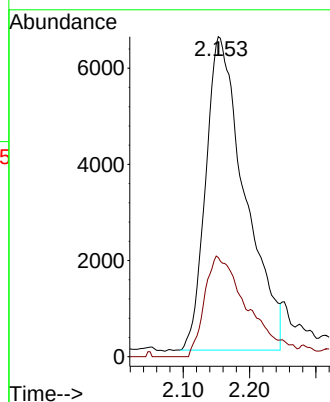
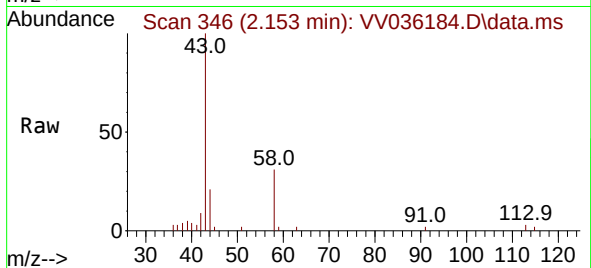
C0TA6

Tgt Ion: 43 Resp: 26761

Ion Ratio Lower Upper

43 100

58 27.2 0.0 24.2#



#16

Methylene chloride

Concen: 7.243 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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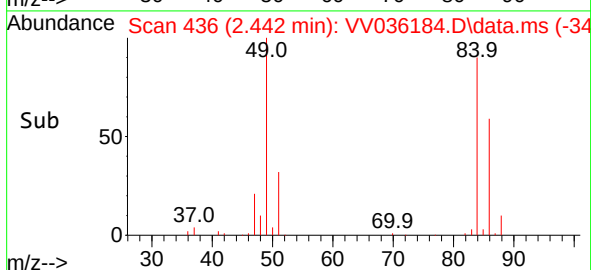
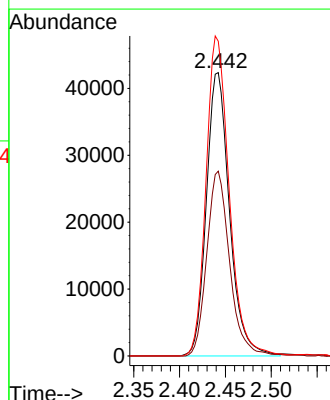
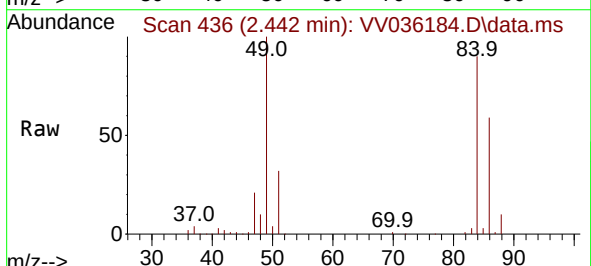
Tgt Ion: 84 Resp: 74329

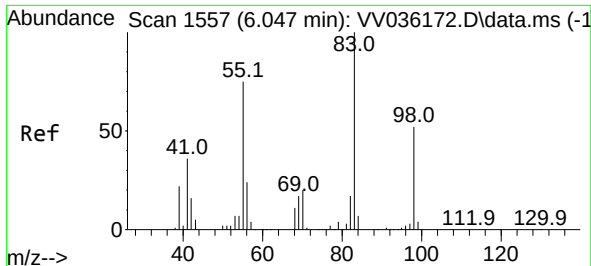
Ion Ratio Lower Upper

84 100

86 65.2 44.6 82.8

49 111.1 81.1 150.5

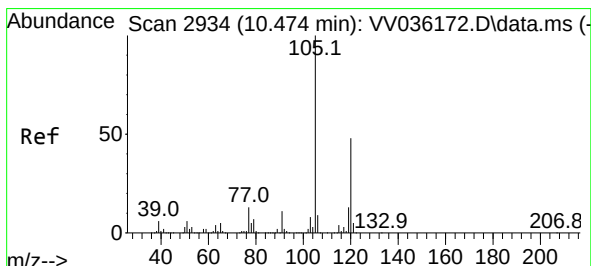
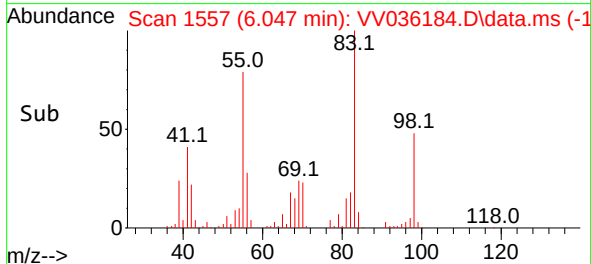
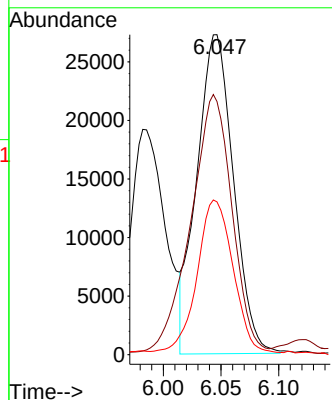
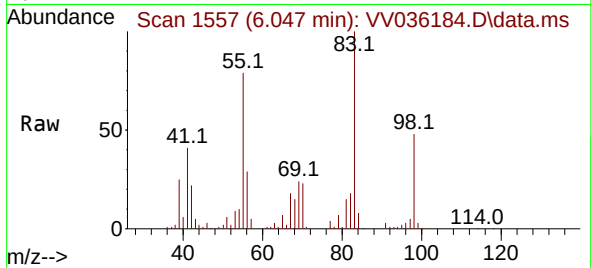




#35
Methylcyclohexane
Concen: 5.297 ug/L
RT: 6.047 min Scan# 11
Delta R.T. 0.003 min
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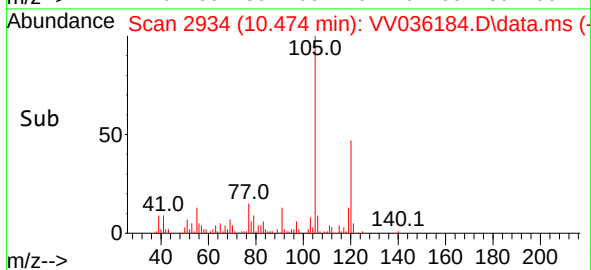
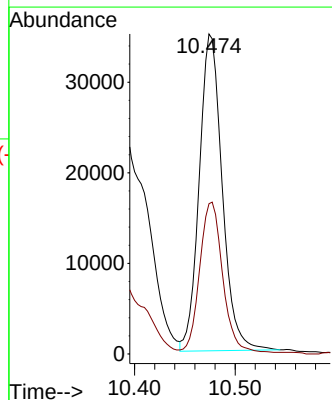
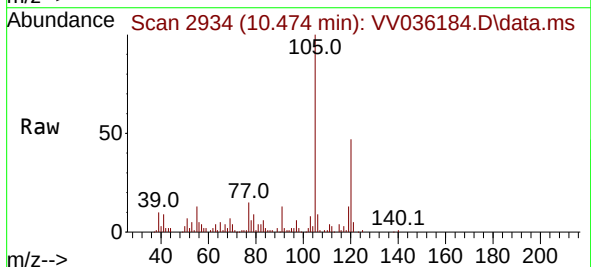
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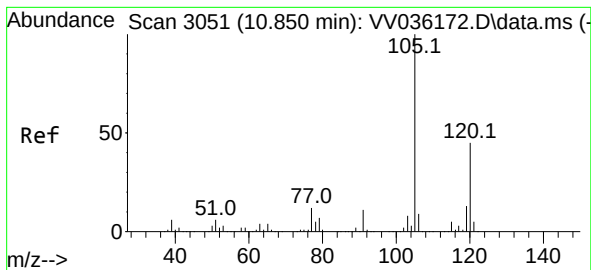
Tgt Ion: 83 Resp: 60110
Ion Ratio Lower Upper
83 100
55 89.8 60.7 91.1
98 47.9 38.7 58.1



#62
1,3,5-Trimethylbenzene
Concen: 2.710 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV036184.D
Acq: 21 Jun 2024 00:25

Tgt Ion: 105 Resp: 55467
Ion Ratio Lower Upper
105 100
120 47.6 38.6 58.0





#63

1,2,4-Trimethylbenzene

Concen: 9.025 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV036184.D

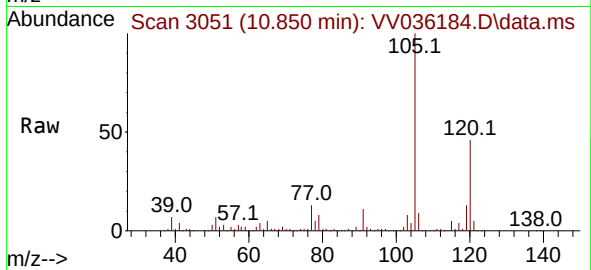
Acq: 21 Jun 2024 00:25

Instrument :

MSVOA_V

ClientSampleId :

C0TA6



Tgt Ion:105 Resp: 199057

Ion Ratio Lower Upper

105 100

120 45.9 36.2 54.4

