LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035719.D
Acq On : 23 May 2024 21:49
Operator : SY/MD
Sample : P2568-12
Misc : 5.28g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH632

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Title : VOC Analysis

Signal : TIC: VV035719.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	65	72	87	rBV	136410	151036	11.69%	1.495%
2	1.526	144	151	168	rVB	136563	163489	12.65%	1.618%
3	2.053	305	315	330	rBV	259102	390204	30.20%	3.862%
4	2.150	338	345	360	rVB2	33548	56025	4.34%	0.555%
5	2.442	427	436	457	rVB	122315	213119	16.49%	2.109%
6	2.552	462	470	491	rVB	38461	81673	6.32%	0.808%
7	2.963	586	598	618	rBV2	31616	64912	5.02%	0.642%
8	3.217	670	677	681	rVB3	260	374	0.03%	0.004%
9	3.664	811	816	818	rBV3	339	337	0.03%	0.003%
10	3.693	820	825	832	rVB3	385	423	0.03%	0.004%
11	3.835	849	869	930	rBV4	63634	400569	31.00%	3.965%
12	4.243	981	996	1021	rBV	227858	600496	46.48%	5.944%
13	4.635	1112	1118	1120	rBV3	597	615	0.05%	0.006%
14	4.838	1179	1181	1186	rVB3	469	417	0.03%	0.004%
15	4.867	1186	1190	1195	rVB4	565	477	0.04%	0.005%
16	4.953	1198	1217	1267	rBV2	472754	1292059	100.00%	12.788%
17	5.394	1352	1354	1360	rBV4	518	534	0.04%	0.005%
18	5.532	1385	1397	1436	rVV	512587	1095884	84.82%	10.847%
19	5.825	1477	1488	1509	rBV2	31946	72140	5.58%	0.714%
20	5.986	1526	1538	1571	rBV	311627	662912	51.31%	6.561%
21	6.288	1626	1632	1635	rBV5	538	572	0.04%	0.006%
22	6.384	1657	1662	1664	rBV4	684	603	0.05%	0.006%
23	6.452	1681	1683	1690	rBV4	674	670	0.05%	0.007%
24	6.577	1719	1722	1726	rVB3	572	409	0.03%	0.004%
25	6.600	1726	1729	1731	rBV2	597	360	0.03%	0.004%
26	6.777	1781	1784	1787	rBV3	505	445	0.03%	0.004%
27	6.915	1814	1827	1849	rBV	94277	191126	14.79%	1.892%
28	7.169	1901	1906	1907	rBV4	712	558	0.04%	0.006%
29	7.243	1918	1929	1953	rBV	428974	780112	60.38%	7.721%
30	7.558	2018	2027	2050	rBV	64468	128747	9.96%	1.274%
31	7.876	2109	2126	2134	rBV3	15156	27696	2.14%	0.274%
32	8.034	2161	2175	2203	rBV2	113413	300621	23.27%	2.975%
33	8.362	2268	2277	2290	rVB2	20711	35904	2.78%	0.355%
34	8.532	2326	2330	2332	rBV2	447	374	0.03%	0.004%
35	8.596	2342	2350	2357	rBV7	973	1574	0.12%	0.016%
36	8.648	2363	2366	2371	rVB4	534	365	0.03%	0.004%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035719.D
Acq On : 23 May 2024 21:49
Operator : SY/MD
Sample : P2568-12
Misc : 5.28g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH632

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Title : VOC Analysis

37	8.702	2378	2383	2385	rBV3	467	343	0.03%	0.003%
38	8.783	2397	2408	2436	rBV	719621	1203643	93.16%	11.913%
39	8.989	2470	2472	2477	rBV4	462	332	0.03%	0.003%
40	9.137	2517	2518	2523	rVB3	686	325	0.03%	0.003%
41	9.162	2523	2526	2533	rBV5	588	739	0.06%	0.007%
42	9.256	2552	2555	2558	rVB4	614	406	0.03%	0.004%
43	9.307	2567	2571	2575	rBV	504	467	0.04%	0.005%
44	9.442	2611	2613	2618	rVV3	551	344	0.03%	0.003%
45	9.497	2626	2630	2635	rVV4	603	505	0.04%	0.005%
46	9.638	2670	2674	2677	rBV2	396	387	0.03%	0.004%
47	9.728	2698	2702	2705	rBV3	454	381	0.03%	0.004%
48	9.831	2726	2734	2736	rBV5	988	940	0.07%	0.009%
49	9.956	2770	2773	2780	rVB4	412	438	0.03%	0.004%
50	10.063	2801	2806	2811	rVV2	788	928	0.07%	0.009%
51	10.101	2815	2818	2822	rBV2	414	334	0.03%	0.003%
52	10.153	2822	2834	2857	rBV	349829	565713	43.78%	5.599%
53	10.326	2876	2888	2899	rVB	27675	45787	3.54%	0.453%
54	10.461	2928	2930	2935	rBV3	434	350	0.03%	0.003%
55	10.522	2943	2949	2953	rBV4	741	731	0.06%	0.007%
56	10.664	2989	2993	2998	rBV4	616	597	0.05%	0.006%
57	10.718	3006	3010	3011	rBV3	675	445	0.03%	0.004%
58	10.747	3015	3019	3031	rVB6	2004	3225	0.25%	0.032%
59	10.850	3045	3051	3059	rBV5	1986	2890	0.22%	0.029%
60	10.969	3083	3088	3094	rVV6	888	1258	0.10%	0.012%
61	11.085	3114	3124	3134	rBV5	3879	6272	0.49%	0.062%
62	11.124	3134	3136	3141	rBV4	802	766	0.06%	0.008%
63	11.185	3144	3155	3176	rBV	500564	804112	62.23%	7.959%
64	11.326	3193	3199	3205	rBV7	3025	3990	0.31%	0.039%
65	11.503	3250	3254	3258	rVB5	733	641	0.05%	0.006%
66	11.558	3258	3271	3292	rBV	384732	626036	48.45%	6.196%
67	11.728	3320	3324	3333	rVB6	1641	1997	0.15%	0.020%
68	11.786	3333	3342	3354	rVV8	2288	4056	0.31%	0.040%
69	11.850	3356	3362	3365	rBV5	1199	1327	0.10%	0.013%
70	12.127	3444	3448	3451	rBV3	620	411	0.03%	0.004%
71	12.194	3459	3469	3481	rVB2	13899	23835	1.84%	0.236%
72	12.246	3481	3485	3489	rBV2	738	786	0.06%	0.008%
73	12.339	3511	3514	3518	rVV3	713	756	0.06%	0.007%
74	12.358	3518	3520	3529	rVB8	1011	1411	0.11%	0.014%
75	12.400	3529	3533	3537	rBV3	665	542	0.04%	0.005%
76	12.445	3543	3547	3552	rVB4	466	500	0.04%	0.005%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035719.D
Acq On : 23 May 2024 21:49
Operator : SY/MD
Sample : P2568-12
Misc : 5.28g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH632

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Title : VOC Analysis

77	12.493	3556	3562	3565	rBV4	629	744	0.06%	0.007%
78	12.580	3584	3589	3600	rVB5	1514	2471	0.19%	0.024%
79	12.661	3610	3614	3615	rBV	594	333	0.03%	0.003%
80	12.689	3620	3623	3629	rVB2	512	502	0.04%	0.005%
81	12.828	3658	3666	3679	rVB7	4112	6290	0.49%	0.062%
82	12.966	3705	3709	3713	rBV3	387	429	0.03%	0.004%
83	13.069	3736	3741	3745	rBV4	1199	1495	0.12%	0.015%
84	13.181	3772	3776	3780	rVB3	430	347	0.03%	0.003%
85	13.217	3783	3787	3789	rBV2	596	476	0.04%	0.005%
86	13.451	3858	3860	3863	rVB2	620	341	0.03%	0.003%
87	13.519	3877	3881	3885	rBV3	359	339	0.03%	0.003%
88	13.632	3913	3916	3922	rVB4	647	577	0.04%	0.006%
89	13.683	3922	3932	3944	rBV2	35561	51820	4.01%	0.513%
90	13.760	3951	3956	3958	rBV2	479	418	0.03%	0.004%
91	13.776	3958	3961	3963	rVB3	592	395	0.03%	0.004%
92	13.828	3974	3977	3981	rVV3	696	599	0.05%	0.006%
93	13.911	4000	4003	4007	rBV3	773	482	0.04%	0.005%
94	13.985	4019	4026	4034	rBV4	2688	4011	0.31%	0.040%
95	14.082	4048	4056	4060	rBV6	1373	1700	0.13%	0.017%
96	14.162	4078	4081	4082	rBV2	627	391	0.03%	0.004%
97	14.217	4096	4098	4100	rBV2	623	323	0.02%	0.003%
98	14.281	4110	4118	4120	rBV4	1013	1204	0.09%	0.012%
99	14.570	4204	4208	4210	rBV3	613	547	0.04%	0.005%
100	15.062	4359	4361	4363	rBV2	625	362	0.03%	0.004%

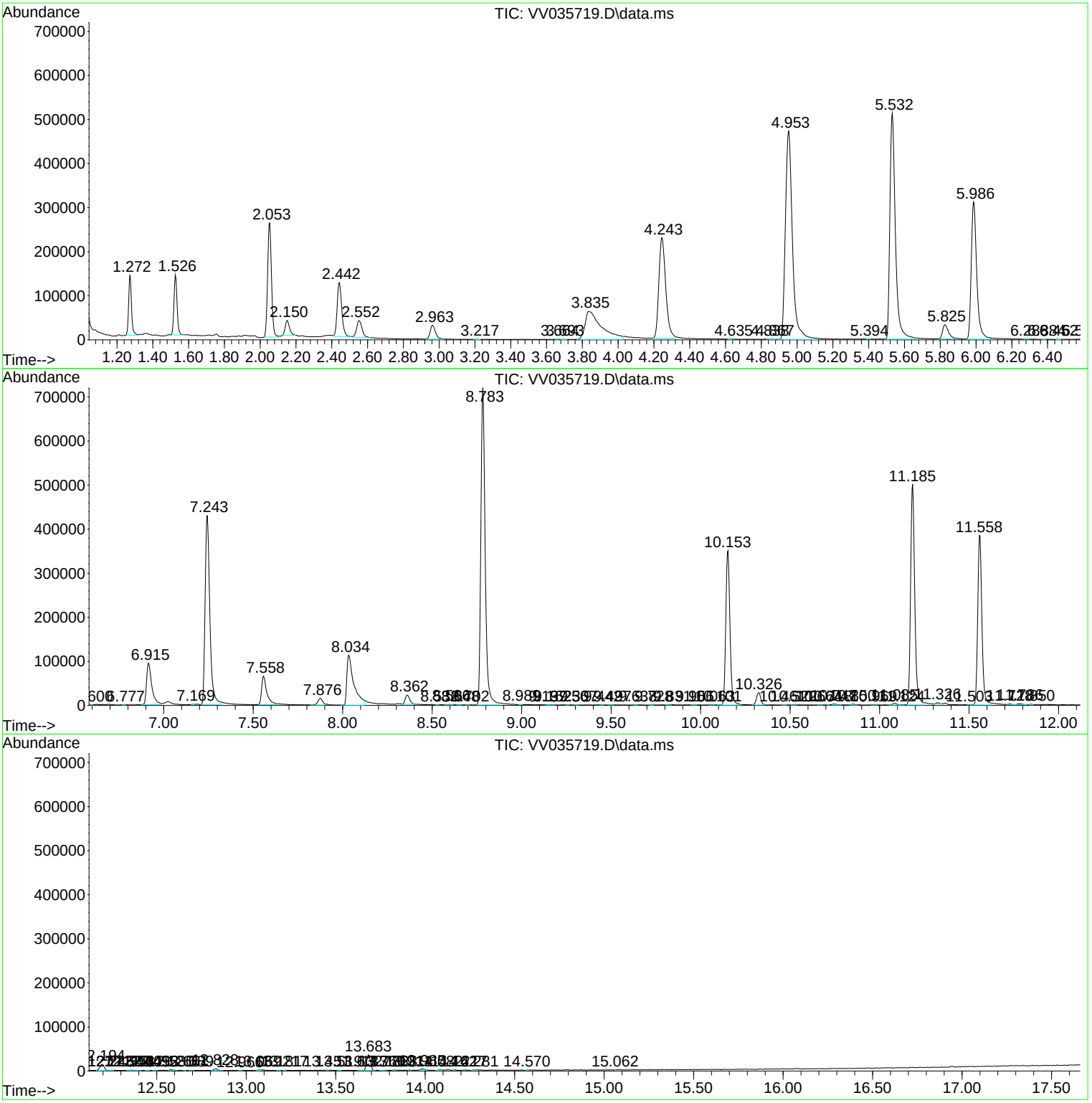
Sum of corrected areas: 10103373

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035719.D
Acq On : 23 May 2024 21:49
Operator : SY/MD
Sample : P2568-12
Misc : 5.28g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH632

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035719.D
Acq On : 23 May 2024 21:49
Operator : SY/MD
Sample : P2568-12
Misc : 5.28g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH632

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

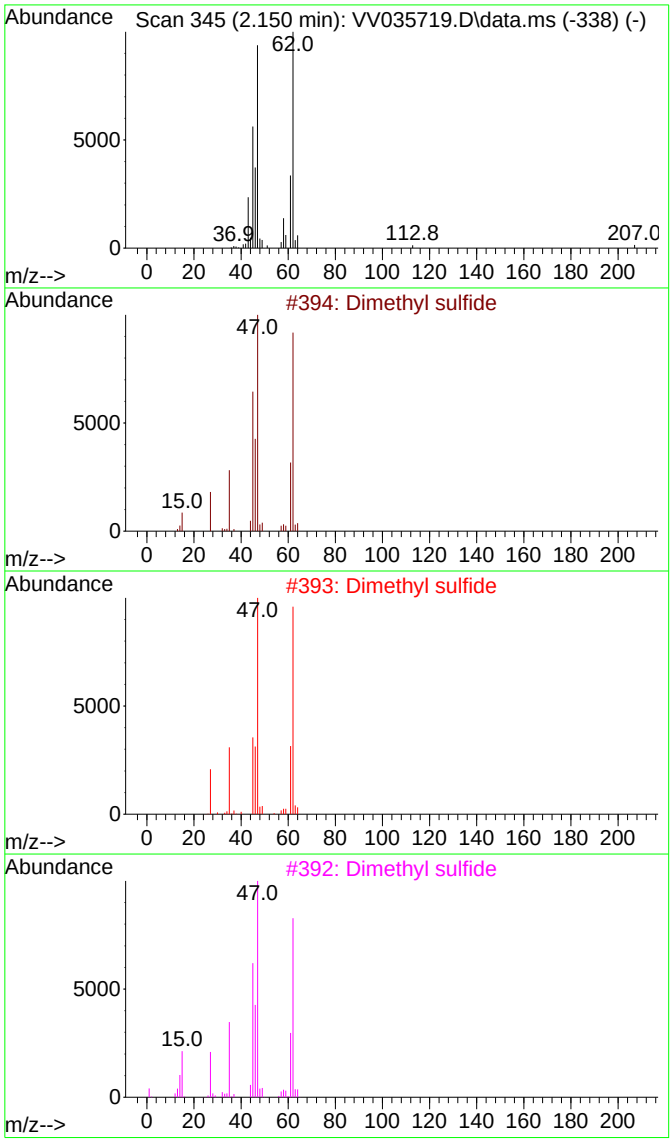
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

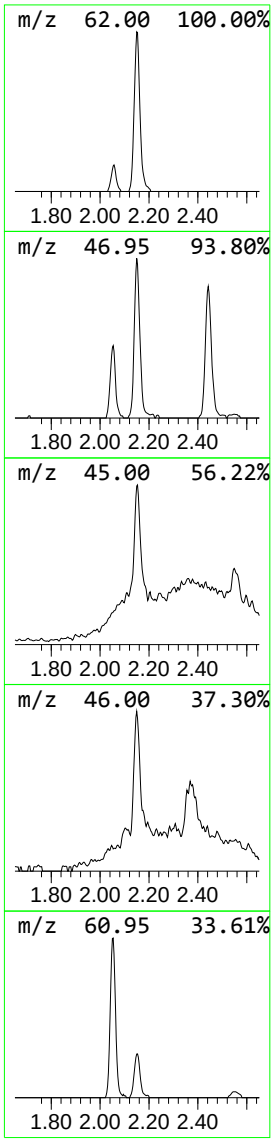
****

Peak Number 1 Dimethyl sulfide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.150	1.28 ug/L	56025	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	91
2	Dimethyl sulfide	62	C2H6S	000075-18-3	91
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Dimethyl sulfide	62	C2H6S	000075-18-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035719.D
Acq On : 23 May 2024 21:49
Operator : SY/MD
Sample : P2568-12
Misc : 5.28g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH632

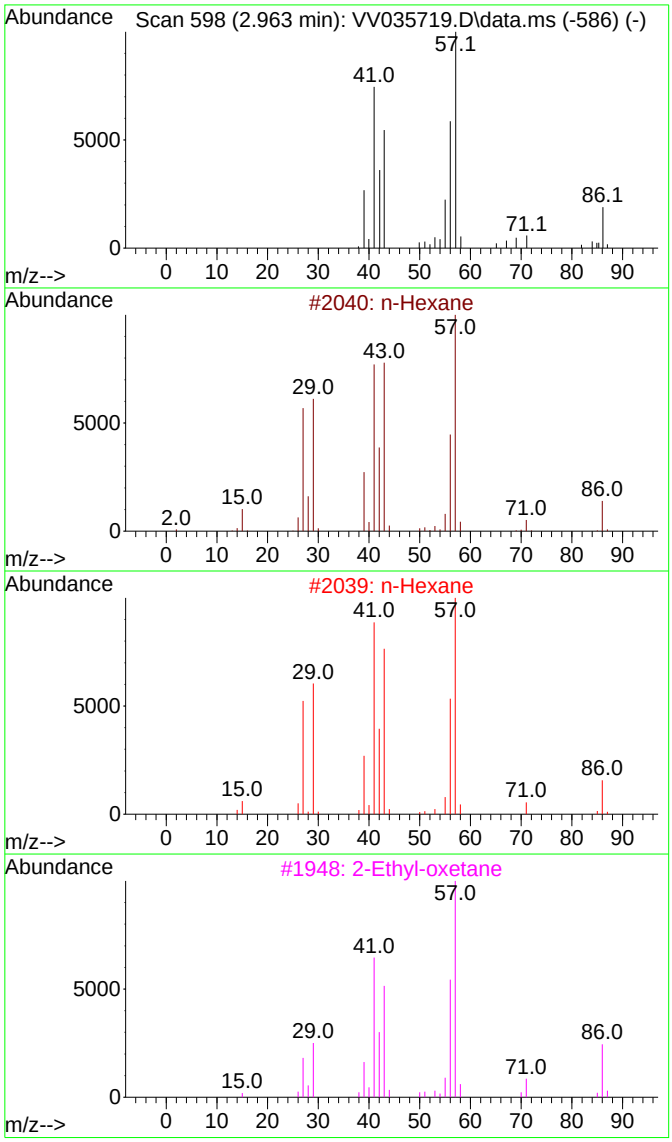
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

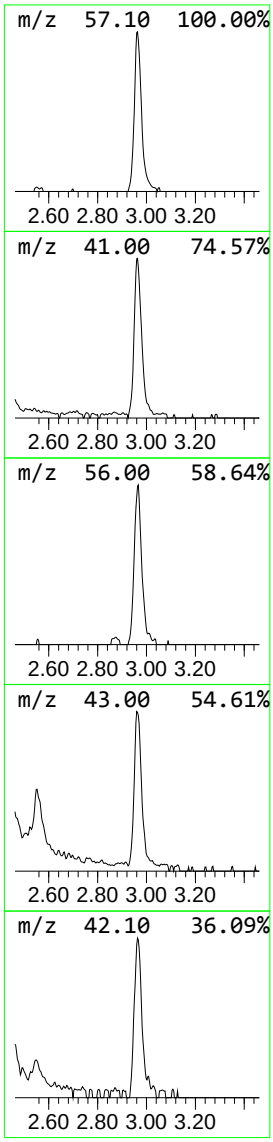
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.48 ug/L	64912	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	80
2	n-Hexane	86	C6H14	000110-54-3	78
3	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
4	n-Hexane	86	C6H14	000110-54-3	72
5	n-Hexane	86	C6H14	000110-54-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035719.D
Acq On : 23 May 2024 21:49
Operator : SY/MD
Sample : P2568-12
Misc : 5.28g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH632

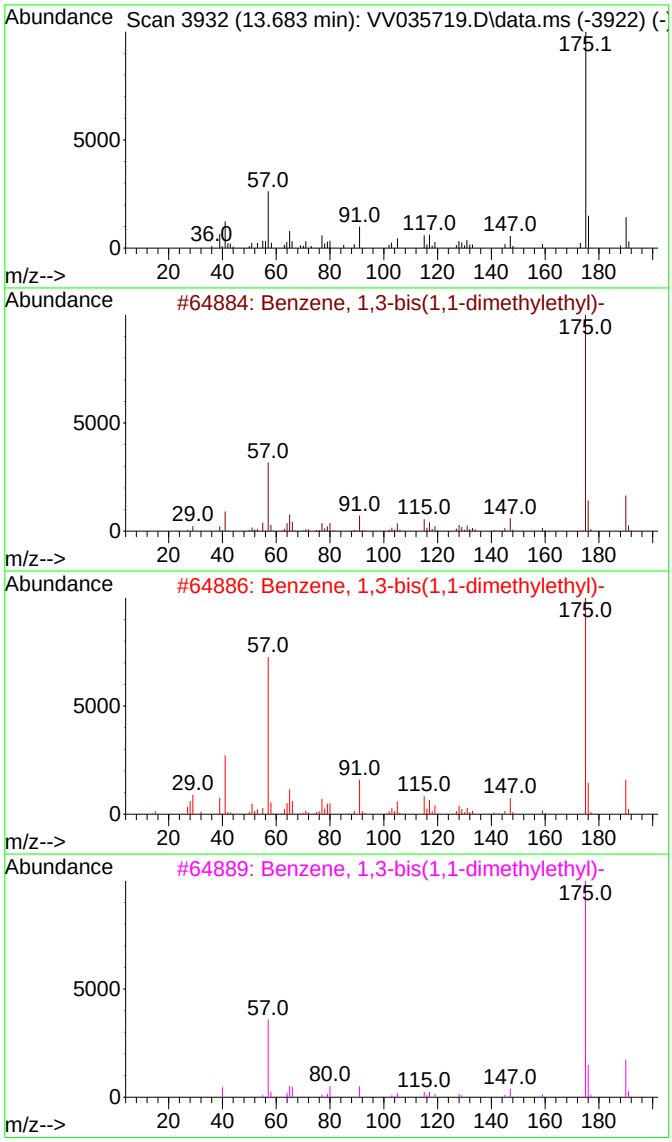
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

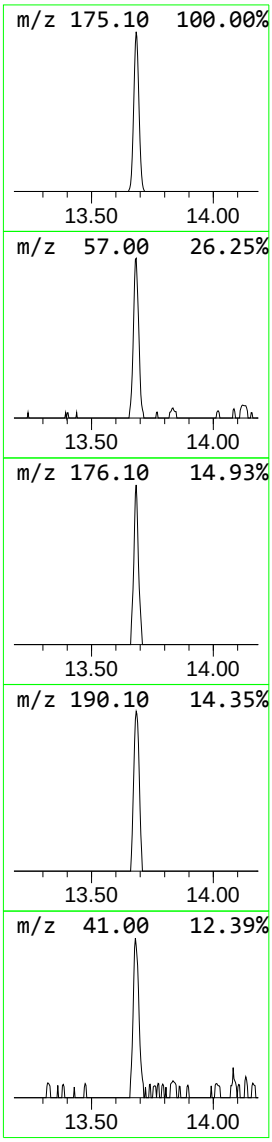
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	1.61 ug/L	51820	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	96
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	93
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
5	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035719.D
Acq On : 23 May 2024 21:49
Operator : SY/MD
Sample : P2568-12
Misc : 5.28g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH632

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl sulfide	2.150	1.3	ug/L	56025	1	5.532	1095880	25.0
(DEL) Alkane: S...	2.963	1.5	ug/L	64912	1	5.532	1095880	25.0
Benzene, 1,3-bi...	13.683	1.6	ug/L	51820	3	11.185	804112	25.0