LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036077.D
Acq On : 13 Jun 2024 22:12
Operator : SY/MD
Sample : P2856-10
Misc : 3.65g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH2

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\SFAMVLM053024SMA.M
Title : VOC Analysis

Signal : TIC: VV036077.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	91	rVB	343668	386011	16.34%	1.854%
2	1.526	143	151	166	rVB	281828	346091	14.65%	1.662%
3	2.050	303	314	330	rBV	563015	839015	35.52%	4.030%
4	2.291	381	389	395	rBV6	2697	4439	0.19%	0.021%
5	2.442	425	436	459	rVV	143149	250639	10.61%	1.204%
6	2.555	463	471	485	rVB	10891	21037	0.89%	0.101%
7	2.876	569	571	575	rVB5	846	603	0.03%	0.003%
8	2.963	586	598	616	rVB2	43964	87985	3.72%	0.423%
9	3.079	630	634	638	rBV4	439	452	0.02%	0.002%
10	3.130	648	650	656	rVB2	475	333	0.01%	0.002%
11	3.224	676	679	686	rVB5	716	799	0.03%	0.004%
12	3.259	686	690	693	rBV2	491	436	0.02%	0.002%
13	3.294	698	701	704	rVB	512	400	0.02%	0.002%
14	3.375	722	726	730	rVB2	479	356	0.02%	0.002%
15	3.831	851	868	910	rBV3	52064	247375	10.47%	1.188%
16	4.243	980	996	1040	rBV	371708	987128	41.78%	4.742%
17	4.577	1096	1100	1102	rBV4	589	515	0.02%	0.002%
18	4.715	1140	1143	1147	rVB3	469	382	0.02%	0.002%
19	4.741	1147	1151	1155	rBV4	652	603	0.03%	0.003%
20	4.796	1165	1168	1170	rBV3	488	403	0.02%	0.002%
21	4.841	1179	1182	1186	rBV3	451	394	0.02%	0.002%
22	4.950	1201	1216	1265	rBV2	903380	2362411	100.00%	11.347%
23	5.223	1299	1301	1305	rVB4	877	457	0.02%	0.002%
24	5.471	1375	1378	1382	rBV3	643	514	0.02%	0.002%
25	5.529	1385	1396	1431	rBV	826176	1732223	73.32%	8.320%
26	5.825	1478	1488	1514	rVB6	39546	95990	4.06%	0.461%
27	5.985	1524	1538	1573	rBV	527971	1114495	47.18%	5.353%
28	6.223	1610	1612	1618	rVB3	1425	947	0.04%	0.005%
29	6.304	1630	1637	1639	rBV6	624	794	0.03%	0.004%
30	6.378	1656	1660	1661	rBV2	502	341	0.01%	0.002%
31	6.413	1669	1671	1677	rVB3	520	466	0.02%	0.002%
32	6.452	1677	1683	1686	rBV3	794	831	0.04%	0.004%
33	6.526	1701	1706	1707	rBV4	659	523	0.02%	0.003%
34	6.590	1722	1726	1731	rVB4	344	356	0.02%	0.002%
35	6.709	1755	1763	1766	rVB5	468	564	0.02%	0.003%
36	6.741	1770	1773	1776	rBV2	523	340	0.01%	0.002%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036077.D
Acq On : 13 Jun 2024 22:12
Operator : SY/MD
Sample : P2856-10
Misc : 3.65g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH2

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\SFAMVLM053024SMA.M
Title : VOC Analysis

37	6.911	1815	1826	1855	rBV	240668	478844	20.27%	2.300%
38	7.239	1917	1928	1953	rBV	1032255	1829658	77.45%	8.788%
39	7.551	2016	2025	2059	rBV	152686	294998	12.49%	1.417%
40	7.802	2099	2103	2108	rBV5	1059	1024	0.04%	0.005%
41	7.831	2108	2112	2115	rBV4	792	681	0.03%	0.003%
42	7.905	2115	2135	2156	rVV2	163263	312681	13.24%	1.502%
43	8.030	2166	2174	2210	rBV	128126	300210	12.71%	1.442%
44	8.362	2270	2277	2291	rVB3	6390	12003	0.51%	0.058%
45	8.442	2298	2302	2305	rBV5	801	783	0.03%	0.004%
46	8.535	2328	2331	2336	rBV5	616	572	0.02%	0.003%
47	8.558	2336	2338	2343	rVV3	575	512	0.02%	0.002%
48	8.593	2347	2349	2351	rVV3	728	472	0.02%	0.002%
49	8.606	2351	2353	2360	rVB4	1539	1208	0.05%	0.006%
50	8.699	2373	2382	2385	rBV4	836	1247	0.05%	0.006%
51	8.728	2387	2391	2396	rVB5	752	833	0.04%	0.004%
52	8.783	2396	2408	2437	rBV	1329700	2176580	92.13%	10.455%
53	8.953	2452	2461	2475	rBV	34093	60701	2.57%	0.292%
54	9.079	2492	2500	2512	rBV3	23288	43466	1.84%	0.209%
55	9.143	2517	2520	2529	rVB6	4022	4872	0.21%	0.023%
56	9.342	2578	2582	2585	rBV6	598	477	0.02%	0.002%
57	9.381	2589	2594	2597	rBV6	666	664	0.03%	0.003%
58	9.407	2597	2602	2606	rBV6	1190	1533	0.06%	0.007%
59	9.484	2614	2626	2640	rBV	16303	31351	1.33%	0.151%
60	9.619	2666	2668	2669	rVV3	774	354	0.01%	0.002%
61	9.644	2670	2676	2684	rVB8	3422	5470	0.23%	0.026%
62	9.734	2699	2704	2707	rBV5	2351	2482	0.11%	0.012%
63	9.789	2714	2721	2728	rBV8	1760	2532	0.11%	0.012%
64	9.873	2740	2747	2757	rBV3	3884	5964	0.25%	0.029%
65	9.956	2767	2773	2778	rBV9	1902	2369	0.10%	0.011%
66	10.095	2813	2816	2819	rBV3	628	417	0.02%	0.002%
67	10.152	2822	2834	2855	rVV	354647	579532	24.53%	2.784%
68	10.323	2874	2887	2899	rVB2	21225	37293	1.58%	0.179%
69	10.390	2899	2908	2911	rBV3	18821	26802	1.13%	0.129%
70	10.477	2930	2935	2941	rBV	8564	10332	0.44%	0.050%
71	10.625	2978	2981	2984	rVB4	1151	696	0.03%	0.003%
72	10.709	3000	3007	3017	rVB3	23356	34948	1.48%	0.168%
73	10.853	3035	3052	3064	rBV2	35645	63832	2.70%	0.307%
74	10.931	3068	3076	3086	rBV3	16310	25130	1.06%	0.121%
75	11.101	3121	3129	3133	rBV8	5771	9617	0.41%	0.046%
76	11.181	3144	3154	3176	rBV	1202061	1871162	79.21%	8.988%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
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Acq On : 13 Jun 2024 22:12
Operator : SY/MD
Sample : P2856-10
Misc : 3.65g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH2

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\SFAMVLM053024SMA.M
Title : VOC Analysis

77	11.484	3235	3248	3260	rBV5	42783	103789	4.39%	0.499%
78	11.558	3261	3271	3296	rVB	913939	1458585	61.74%	7.006%
79	11.683	3302	3310	3319	rBV	52308	84014	3.56%	0.404%
80	12.133	3442	3450	3460	rBV3	18745	28956	1.23%	0.139%
81	12.194	3460	3469	3479	rVV2	25595	40410	1.71%	0.194%
82	12.291	3494	3499	3510	rVB5	14933	22089	0.94%	0.106%
83	12.403	3528	3534	3542	rBV2	14938	20818	0.88%	0.100%
84	12.532	3568	3574	3585	rBV5	9884	17964	0.76%	0.086%
85	12.738	3631	3638	3643	rVB9	2880	3646	0.15%	0.018%
86	12.821	3656	3664	3675	rVV4	22384	36010	1.52%	0.173%
87	12.885	3677	3684	3695	rVB2	21231	34520	1.46%	0.166%
88	12.992	3707	3717	3736	rVB3	26303	52977	2.24%	0.254%
89	13.078	3737	3744	3759	rVB10	10297	19555	0.83%	0.094%
90	13.435	3845	3855	3878	rBV	531962	850427	36.00%	4.085%
91	13.683	3925	3932	3944	rVB2	36121	56578	2.39%	0.272%
92	14.033	4036	4041	4049	rVB6	10056	13733	0.58%	0.066%
93	14.567	4197	4207	4226	rBV	263167	433539	18.35%	2.082%
94	14.750	4254	4264	4282	rBV	205010	340160	14.40%	1.634%
95	15.300	4426	4435	4451	rBV2	45556	84281	3.57%	0.405%
96	15.490	4487	4494	4502	rBV2	34462	50268	2.13%	0.241%
97	15.602	4520	4529	4552	rBV	62347	120588	5.10%	0.579%
98	15.747	4565	4574	4581	rBV	107062	167973	7.11%	0.807%
99	16.117	4683	4689	4700	rBV4	11603	18931	0.80%	0.091%
100	16.226	4714	4723	4736	rVB4	18334	38132	1.61%	0.183%

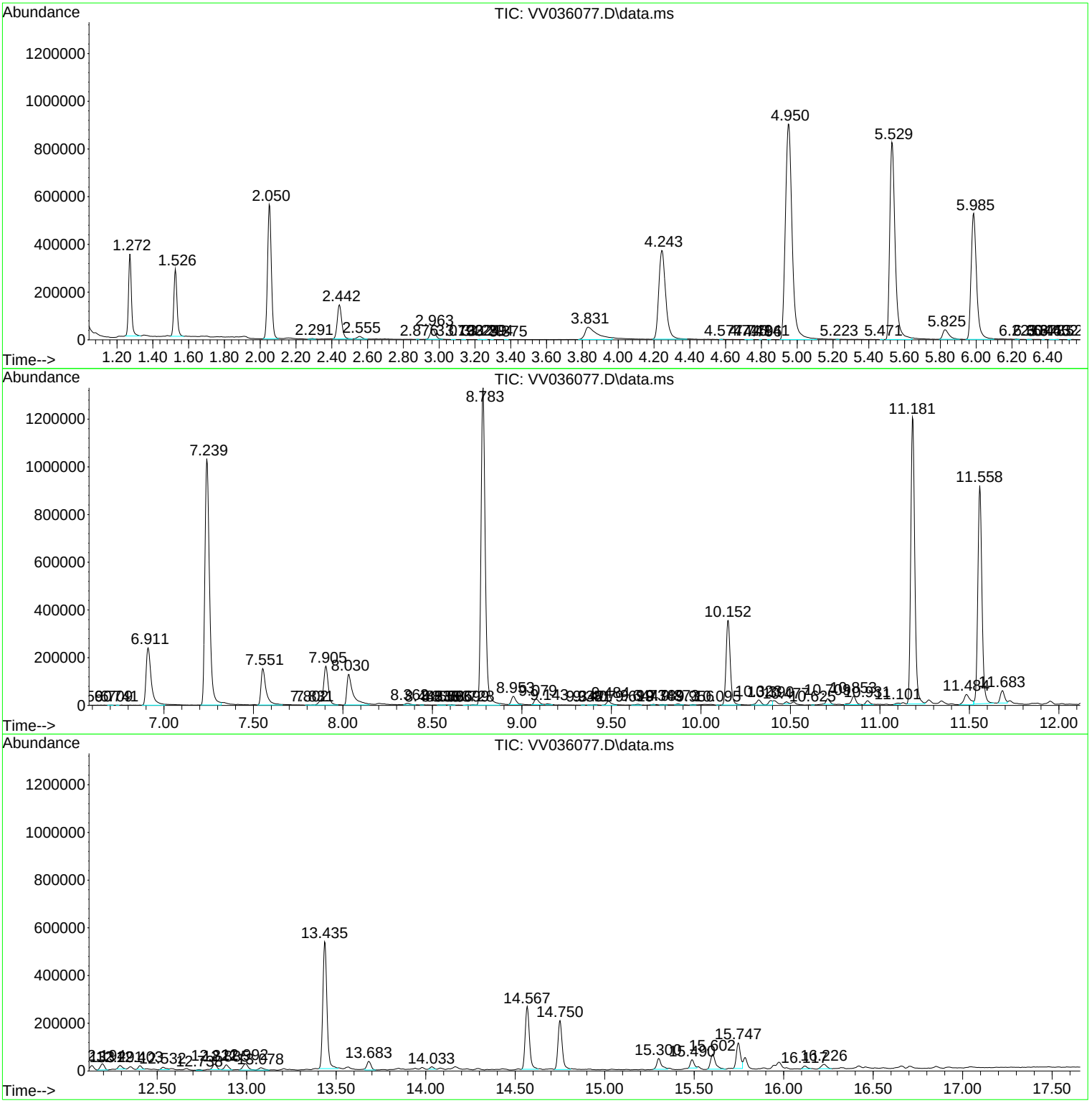
Sum of corrected areas: 20818893

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036077.D
Acq On : 13 Jun 2024 22:12
Operator : SY/MD
Sample : P2856-10
Misc : 3.65g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036077.D
Acq On : 13 Jun 2024 22:12
Operator : SY/MD
Sample : P2856-10
Misc : 3.65g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH2

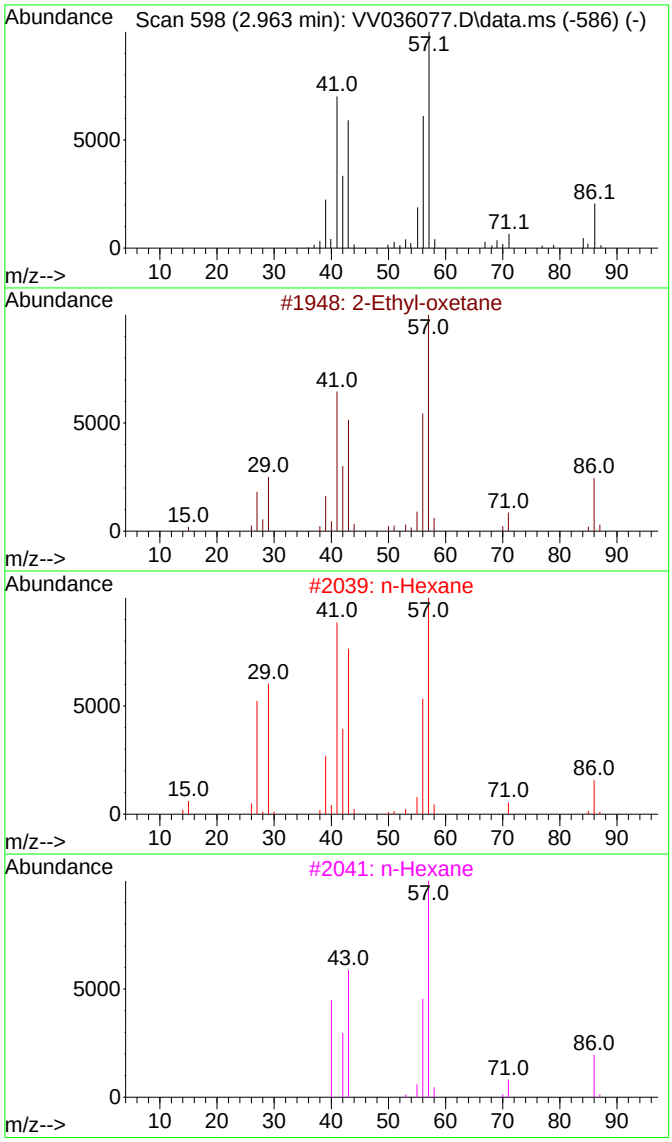
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

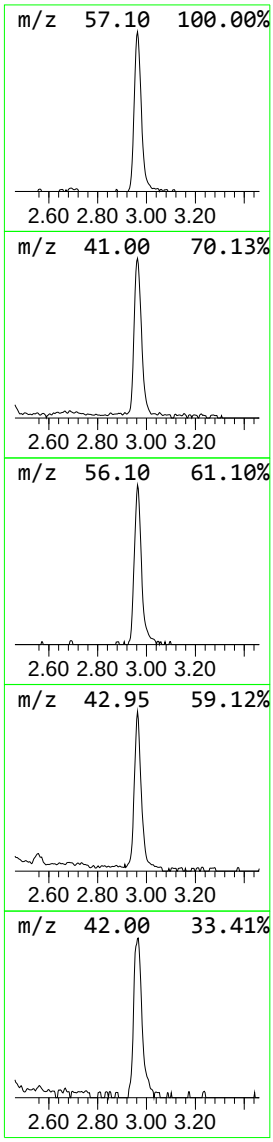
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Ethyl-oxetane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.27 ug/L	87985	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	74
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	58
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	47
5	3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036077.D
Acq On : 13 Jun 2024 22:12
Operator : SY/MD
Sample : P2856-10
Misc : 3.65g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH2

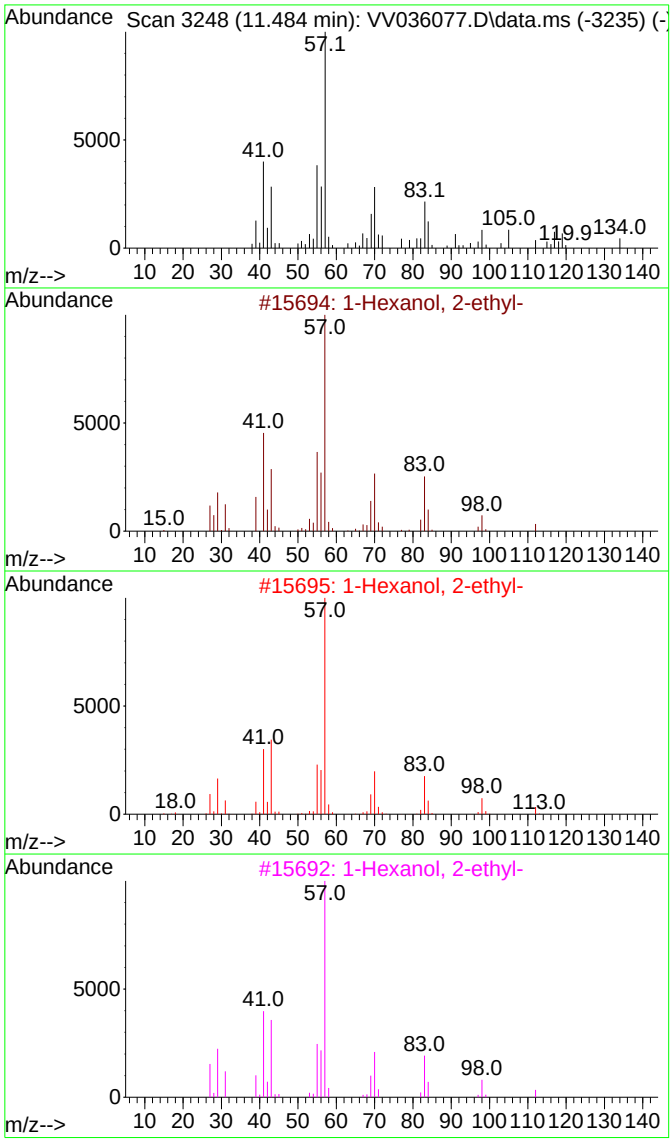
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

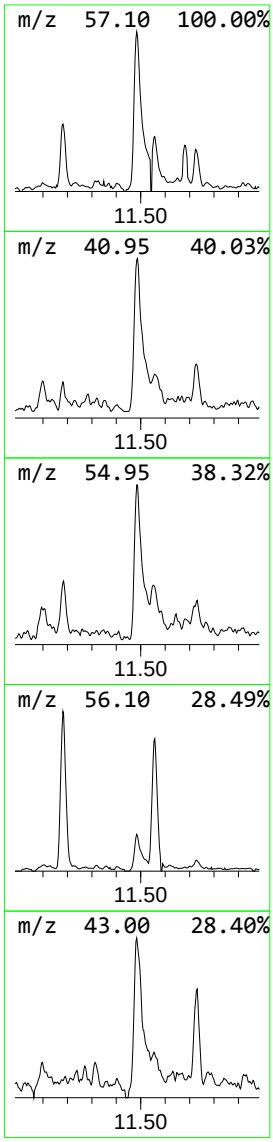
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.484	1.39 ug/L	103789	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	80
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036077.D
Acq On : 13 Jun 2024 22:12
Operator : SY/MD
Sample : P2856-10
Misc : 3.65g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH2

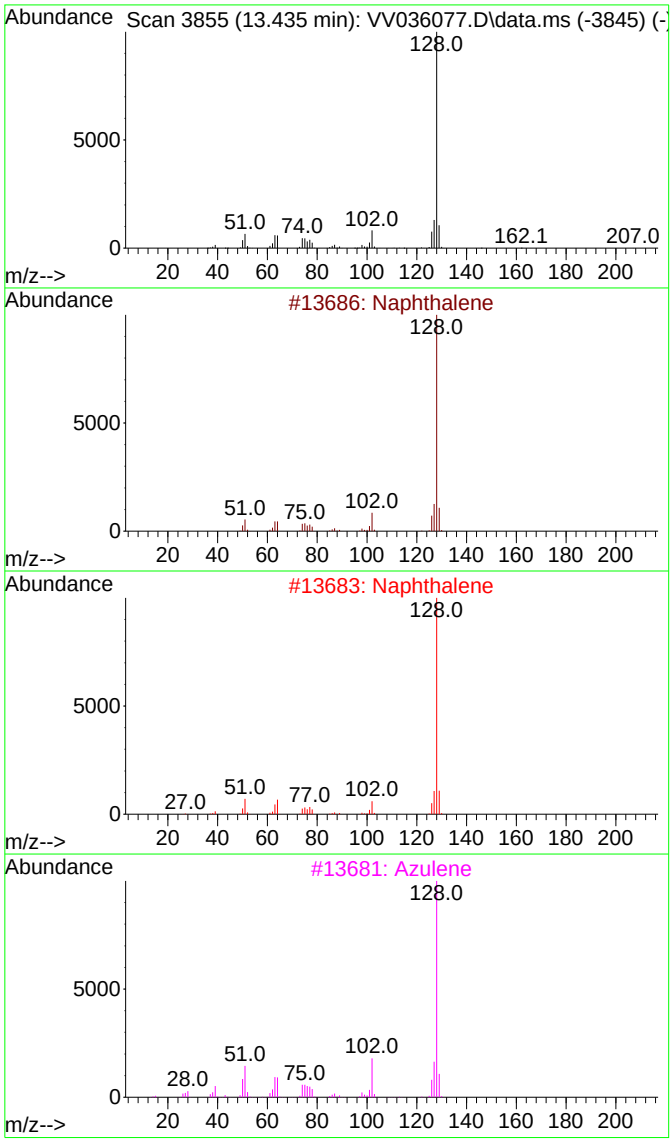
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

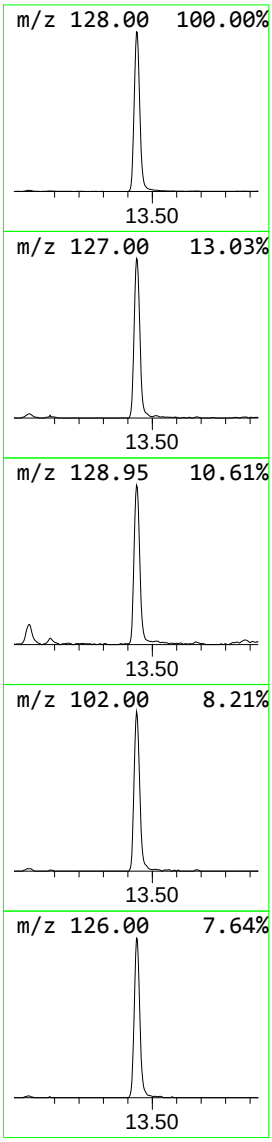
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.435	11.36 ug/L	850427	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	91
4	Naphthalene	128	C10H8	000091-20-3	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036077.D
Acq On : 13 Jun 2024 22:12
Operator : SY/MD
Sample : P2856-10
Misc : 3.65g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

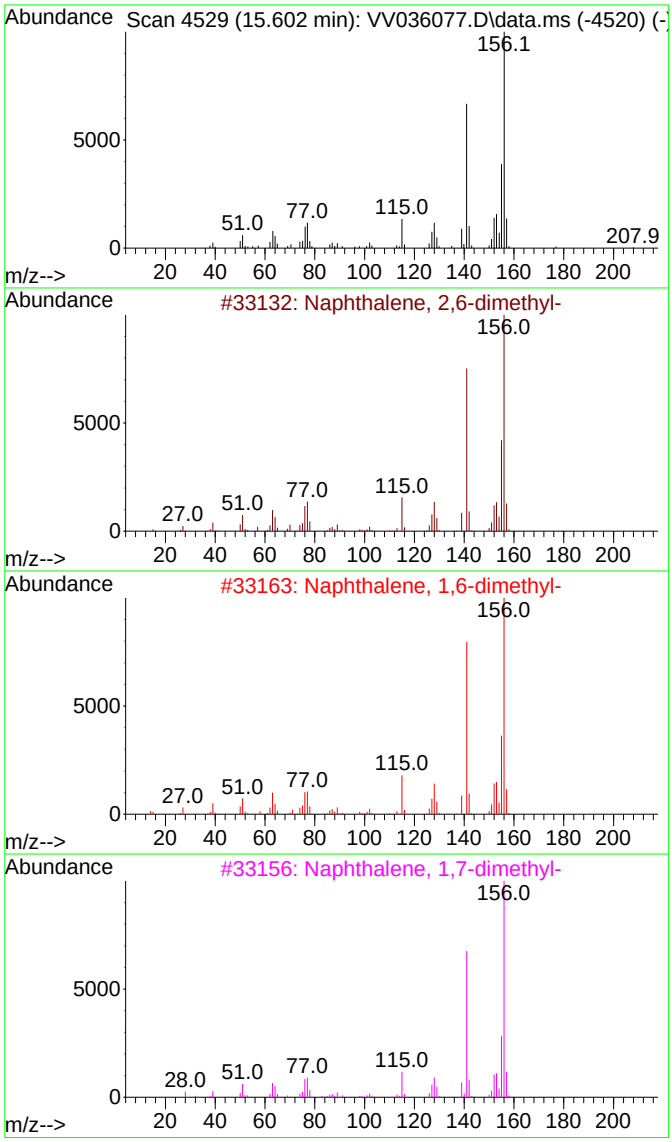
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

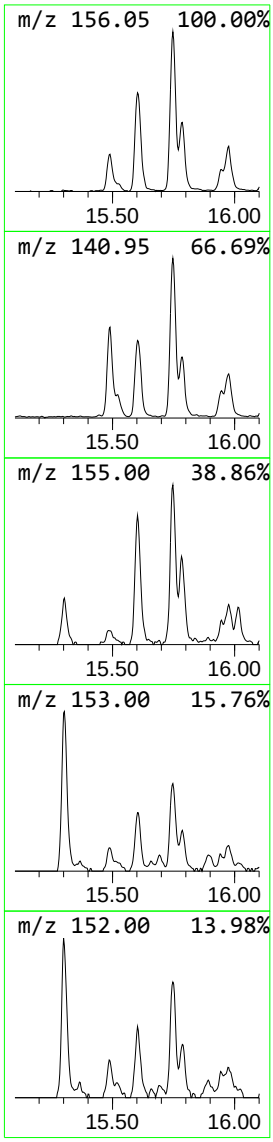
****

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.602	1.61 ug/L	120588	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036077.D
Acq On : 13 Jun 2024 22:12
Operator : SY/MD
Sample : P2856-10
Misc : 3.65g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH2

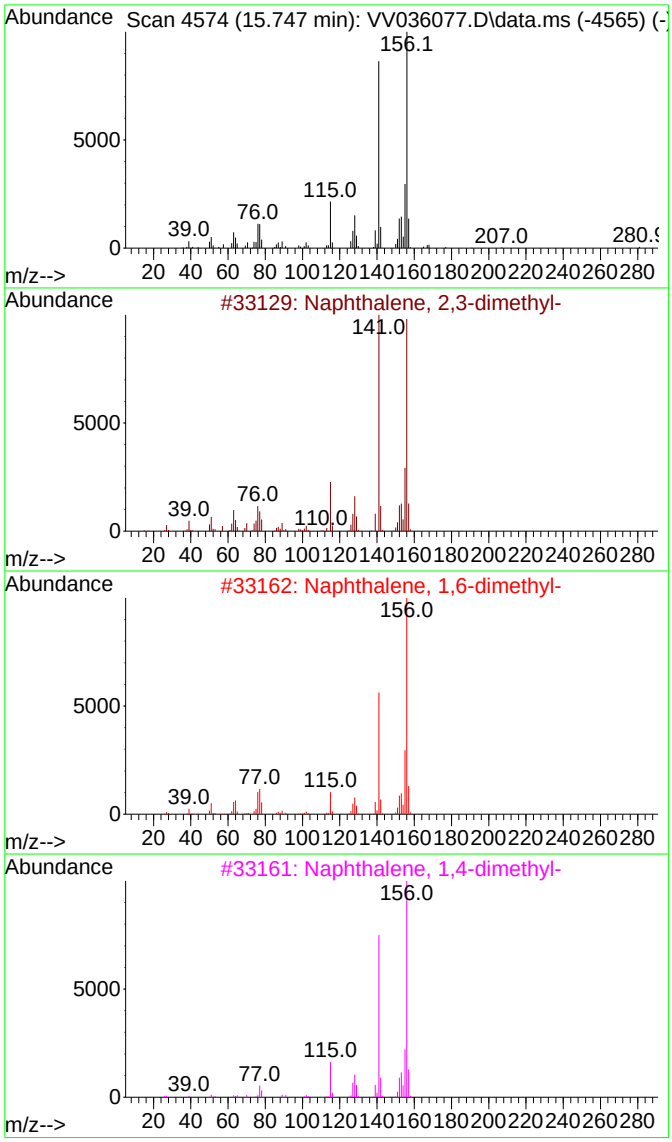
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

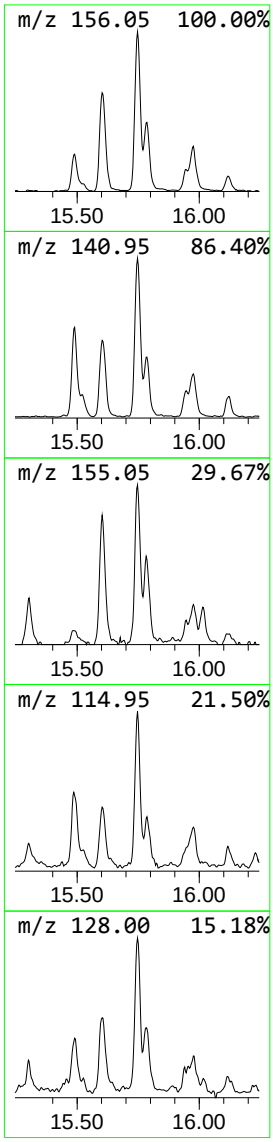
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.747	2.24 ug/L	167973	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036077.D
Acq On : 13 Jun 2024 22:12
Operator : SY/MD
Sample : P2856-10
Misc : 3.65g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.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
2-Ethyl-oxetane	2.963	1.3	ug/L	87985	1	5.529	1732220	25.0
1-Hexanol, 2-et...	11.484	1.4	ug/L	103789	3	11.181	1871160	25.0
Azulene	13.435	11.4	ug/L	850427	3	11.181	1871160	25.0
Naphthalene, 2,...	15.602	1.6	ug/L	120588	3	11.181	1871160	25.0
Naphthalene, 2,...	15.747	2.2	ug/L	167973	3	11.181	1871160	25.0