LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

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_U\Method\SFAMULM052924WMA.M
Title : VOC Analysis

Signal : TIC: VU059404.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.592	87	94	108	rBV	53469	64895	0.38%	0.121%
2	1.801	141	159	174	rVB3	30408	73293	0.43%	0.136%
3	1.895	180	188	214	rVB	50363	74053	0.44%	0.138%
4	2.557	382	394	409	rBV	94227	155687	0.92%	0.289%
5	2.702	432	439	442	rBV2	396	486	0.00%	0.001%
6	2.972	517	523	526	rBV2	228	235	0.00%	0.000%
7	3.036	533	543	557	rBV2	6429	11782	0.07%	0.022%
8	3.168	581	584	589	rVV2	463	510	0.00%	0.001%
9	4.075	863	866	872	rBV2	257	236	0.00%	0.000%
10	4.612	1019	1033	1068	rBV	65596	164419	0.97%	0.306%
11	5.052	1156	1170	1197	rVV	104643	233962	1.38%	0.435%
12	5.714	1357	1376	1402	rBV2	199761	554415	3.28%	1.030%
13	5.843	1411	1416	1417	rBV2	289	256	0.00%	0.000%
14	5.894	1429	1432	1436	rBV	324	295	0.00%	0.001%
15	5.997	1461	1464	1472	rBV2	347	386	0.00%	0.001%
16	6.242	1527	1540	1566	rBV	259594	501308	2.96%	0.932%
17	6.525	1619	1628	1638	rVB6	3439	6244	0.04%	0.012%
18	6.682	1664	1677	1700	rBV	133509	260111	1.54%	0.483%
19	6.994	1768	1774	1776	rBV2	264	277	0.00%	0.001%
20	7.197	1830	1837	1844	rBV3	1424	2513	0.01%	0.005%
21	7.560	1938	1950	1973	rBV	63129	113678	0.67%	0.211%
22	7.692	1987	1991	1993	rBV3	683	489	0.00%	0.001%
23	7.891	2041	2053	2073	rBV	225181	395204	2.34%	0.735%
24	8.174	2130	2141	2157	rBV	44347	75128	0.44%	0.140%
25	8.299	2178	2180	2190	rVB2	478	562	0.00%	0.001%
26	8.361	2195	2199	2201	rBV2	293	258	0.00%	0.000%
27	8.470	2226	2233	2237	rVB3	508	452	0.00%	0.001%
28	8.547	2243	2257	2273	rBV	1789967	3005436	17.76%	5.586%
29	8.627	2273	2282	2316	rVB	186182	352465	2.08%	0.655%
30	8.849	2349	2351	2356	rVV2	590	479	0.00%	0.001%
31	8.920	2371	2373	2377	rVV2	823	554	0.00%	0.001%
32	9.045	2407	2412	2417	rBV3	680	833	0.00%	0.002%
33	9.123	2430	2436	2438	rBV3	572	596	0.00%	0.001%
34	9.161	2445	2448	2452	rVB3	798	679	0.00%	0.001%
35	9.209	2454	2463	2471	rVV9	2142	3292	0.02%	0.006%
36	9.328	2492	2500	2514	rVB6	2457	3503	0.02%	0.007%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
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Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

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_U\Method\SFAMULM052924WMA.M
Title : VOC Analysis

37	9.412	2514	2526	2552	rBV	399191	660861	3.91%	1.228%
38	9.566	2566	2574	2592	rVB	17450	32073	0.19%	0.060%
39	9.688	2599	2612	2623	rBV	123242	220782	1.30%	0.410%
40	9.859	2656	2665	2667	rBV5	2255	2555	0.02%	0.005%
41	9.946	2684	2692	2698	rBV4	1510	1879	0.01%	0.003%
42	10.016	2702	2714	2727	rBV9	6661	15340	0.09%	0.029%
43	10.097	2729	2739	2755	rBV2	58829	118016	0.70%	0.219%
44	10.248	2768	2786	2798	rBV7	21658	46625	0.28%	0.087%
45	10.306	2800	2804	2807	rBV5	2128	2205	0.01%	0.004%
46	10.351	2810	2818	2825	rBV6	14262	25530	0.15%	0.047%
47	10.479	2842	2858	2867	rBV4	11517	22733	0.13%	0.042%
48	10.553	2867	2881	2889	rBV8	13297	27932	0.17%	0.052%
49	10.692	2919	2924	2930	rVB8	3163	4127	0.02%	0.008%
50	10.750	2931	2942	2952	rBV	246729	394015	2.33%	0.732%
51	10.868	2977	2979	2980	rBV2	942	455	0.00%	0.001%
52	10.901	2981	2989	2997	rBV2	20090	31395	0.19%	0.058%
53	10.994	3008	3018	3032	rBV	137057	323896	1.91%	0.602%
54	11.084	3039	3046	3051	rBV	124485	178879	1.06%	0.332%
55	11.290	3100	3110	3115	rBV	45672	89009	0.53%	0.165%
56	11.412	3141	3148	3153	rBV	39103	54894	0.32%	0.102%
57	11.460	3154	3163	3175	rVV	477696	739383	4.37%	1.374%
58	11.531	3176	3185	3194	rVV	416491	624824	3.69%	1.161%
59	11.582	3194	3201	3212	rVB	124004	191414	1.13%	0.356%
60	11.708	3233	3240	3244	rBV2	23815	32388	0.19%	0.060%
61	11.804	3259	3270	3284	rBV	462124	777889	4.60%	1.446%
62	11.888	3289	3296	3306	rVV	129325	214600	1.27%	0.399%
63	11.946	3307	3314	3324	rVB	78816	115577	0.68%	0.215%
64	12.090	3346	3359	3364	rBV3	72941	129622	0.77%	0.241%
65	12.187	3377	3389	3402	rBV2	404495	687434	4.06%	1.278%
66	12.306	3417	3426	3441	rVB	413175	719729	4.25%	1.338%
67	12.463	3466	3475	3477	rBV	39150	51713	0.31%	0.096%
68	12.537	3491	3498	3501	rBV4	45792	60681	0.36%	0.113%
69	12.621	3516	3524	3534	rVB	63135	110500	0.65%	0.205%
70	12.743	3552	3562	3572	rVV	285693	437376	2.58%	0.813%
71	12.801	3573	3580	3595	rVB	72181	113822	0.67%	0.212%
72	12.968	3626	3632	3639	rVB	56387	75269	0.44%	0.140%
73	13.023	3640	3649	3663	rBV2	149493	326062	1.93%	0.606%
74	13.084	3664	3668	3676	rVB4	23573	30914	0.18%	0.057%
75	13.145	3678	3687	3697	rBV	184604	315269	1.86%	0.586%
76	13.286	3723	3731	3743	rVB2	51792	80253	0.47%	0.149%

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Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

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_U\Method\SFAMULM052924WMA.M
Title : VOC Analysis

77	13.389	3757	3763	3767	rBV5	20339	26351	0.16%	0.049%
78	13.441	3769	3779	3791	rVV4	157140	329962	1.95%	0.613%
79	13.511	3792	3801	3817	rVB	495791	766653	4.53%	1.425%
80	13.621	3826	3835	3847	rVB	534823	878445	5.19%	1.633%
81	13.720	3861	3866	3875	rVB2	76606	103021	0.61%	0.191%
82	14.081	3965	3978	4001	rBV	10685527	16920047	100.00%	31.448%
83	14.444	4086	4091	4096	rBV2	31718	36117	0.21%	0.067%
84	14.669	4153	4161	4170	rBV2	94844	160174	0.95%	0.298%
85	14.798	4195	4201	4216	rVB3	89679	177210	1.05%	0.329%
86	14.920	4234	4239	4253	rVB4	44622	68023	0.40%	0.126%
87	15.064	4279	4284	4303	rVB2	63349	106396	0.63%	0.198%
88	15.161	4307	4314	4319	rVV	74974	110236	0.65%	0.205%
89	15.216	4320	4331	4354	rVB	6324389	9624912	56.88%	17.889%
90	15.331	4360	4367	4375	rVV	50842	73612	0.44%	0.137%
91	15.402	4377	4389	4423	rVB	3621885	5705345	33.72%	10.604%
92	15.945	4548	4558	4567	rBV	330068	516620	3.05%	0.960%
93	16.138	4612	4618	4625	rVB	113465	141194	0.83%	0.262%
94	16.254	4643	4654	4675	rBV	674541	1242425	7.34%	2.309%
95	16.402	4690	4700	4707	rBV	810251	1297113	7.67%	2.411%
96	16.537	4732	4742	4753	rVV	133204	225888	1.34%	0.420%
97	16.630	4754	4771	4791	rVB	188755	511309	3.02%	0.950%
98	16.778	4808	4817	4836	rVB	102905	172949	1.02%	0.321%
99	16.878	4837	4848	4862	rBV	233415	402328	2.38%	0.748%
100	17.090	4909	4914	4928	rVB3	32903	59899	0.35%	0.111%

Sum of corrected areas: 53803120

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
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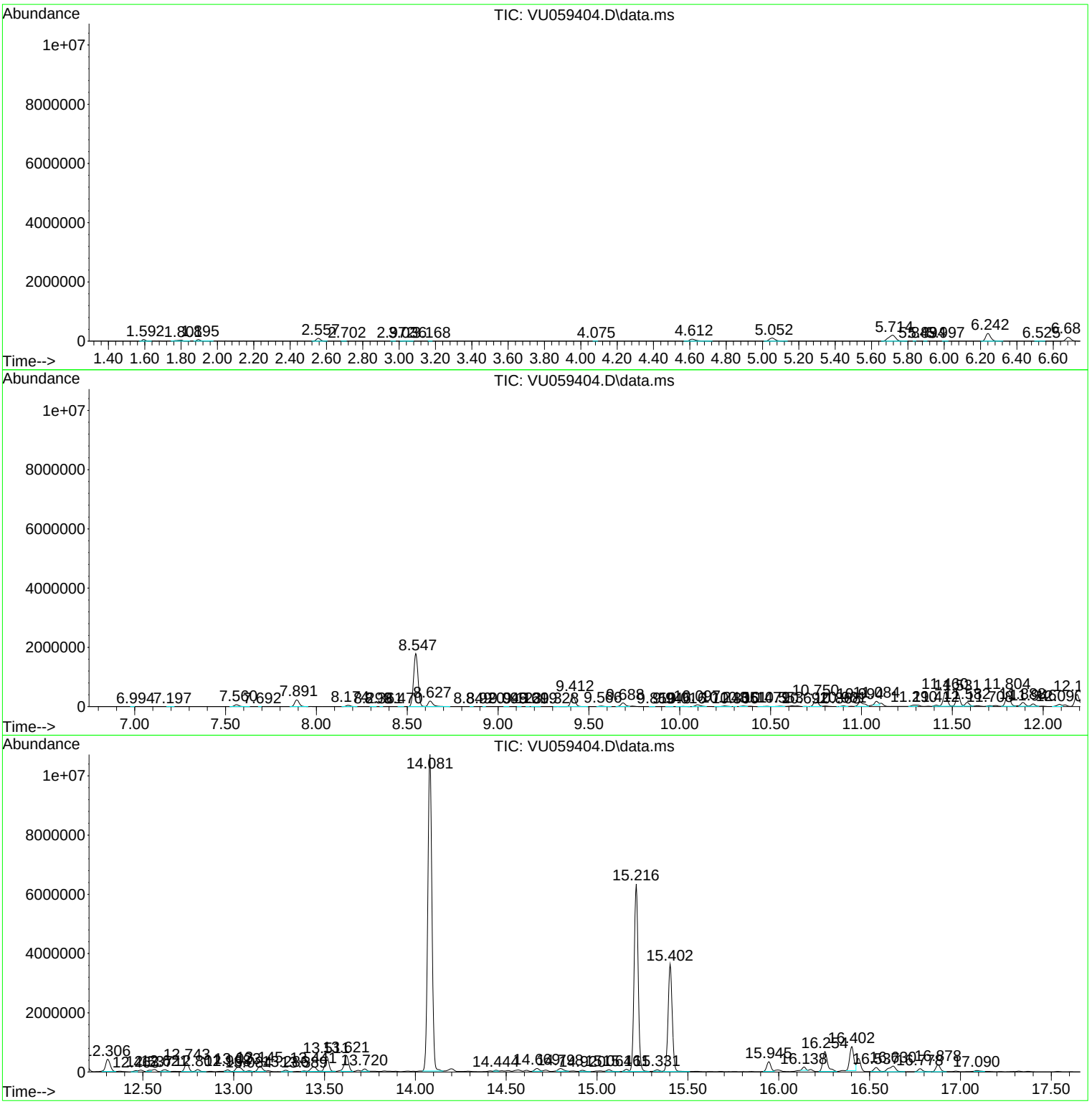
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

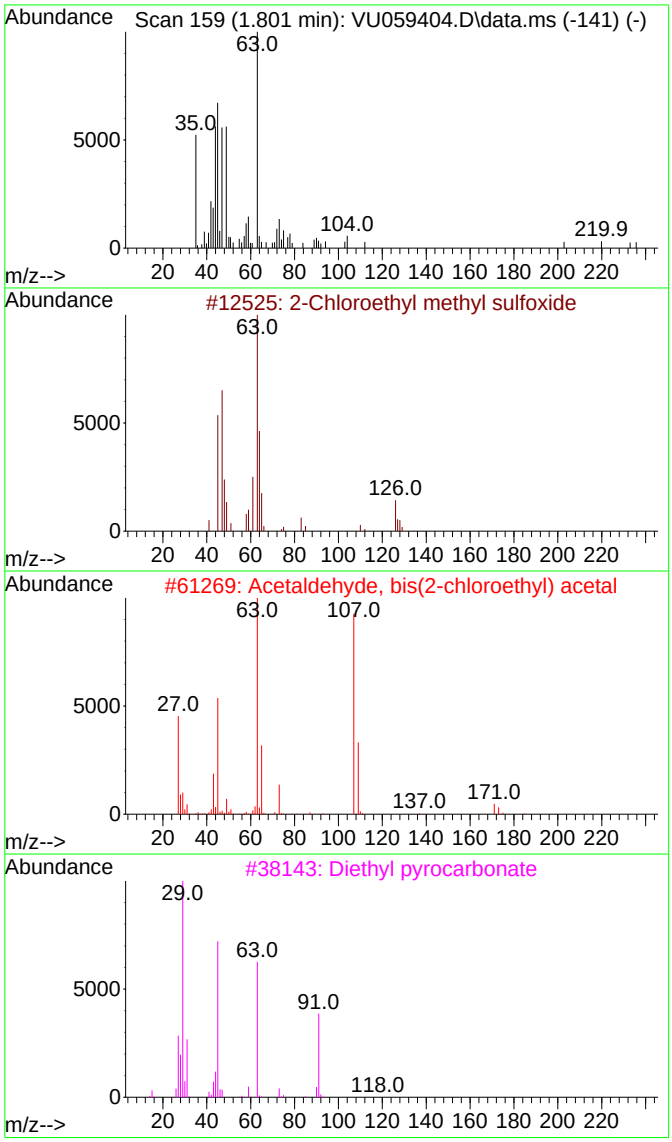
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

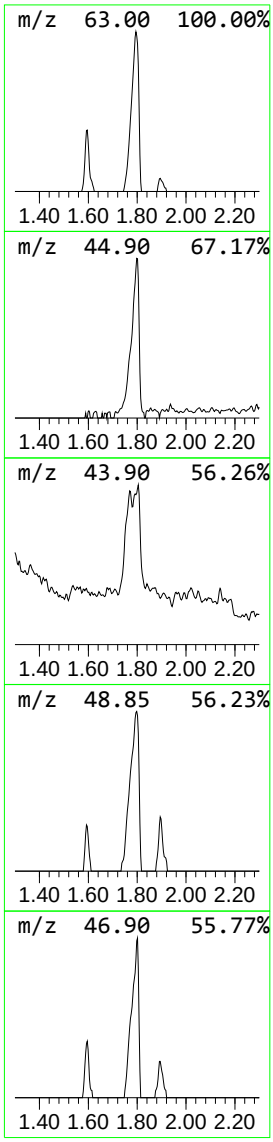
****

Peak Number 1 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.801	7.31 ug/L	73293	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethyl methyl sulfoxide	126	C3H7ClOS	005331-57-7	33
2	Acetaldehyde, bis(2-chloroethyl)...	186	C6H12Cl2O2	014689-97-5	9
3	Diethyl pyrocarbonate	162	C6H10O5	001609-47-8	9
4	2-[2-(2-Chloro-ethoxy)-ethoxy]-p...	216	C10H13ClO3	1000317-46-1	9
5	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

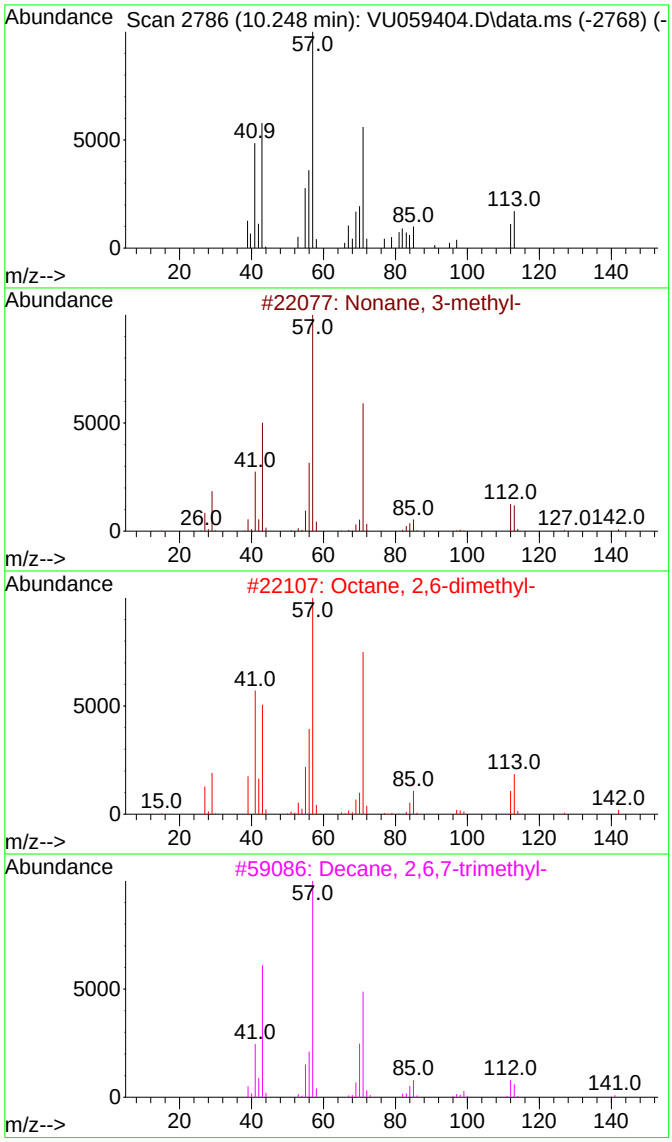
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

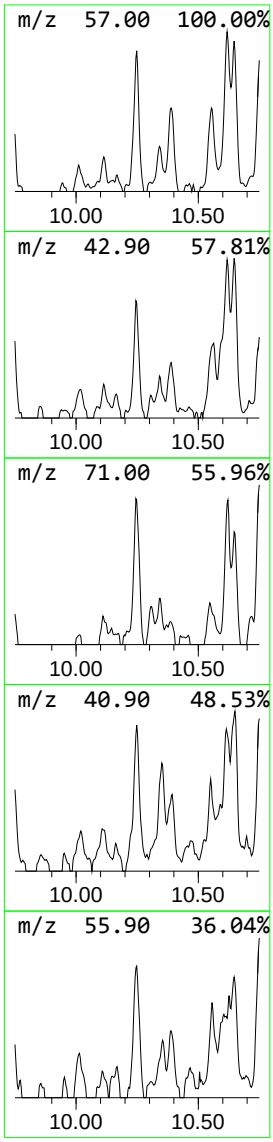
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.248	3.53 ug/L	46625	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

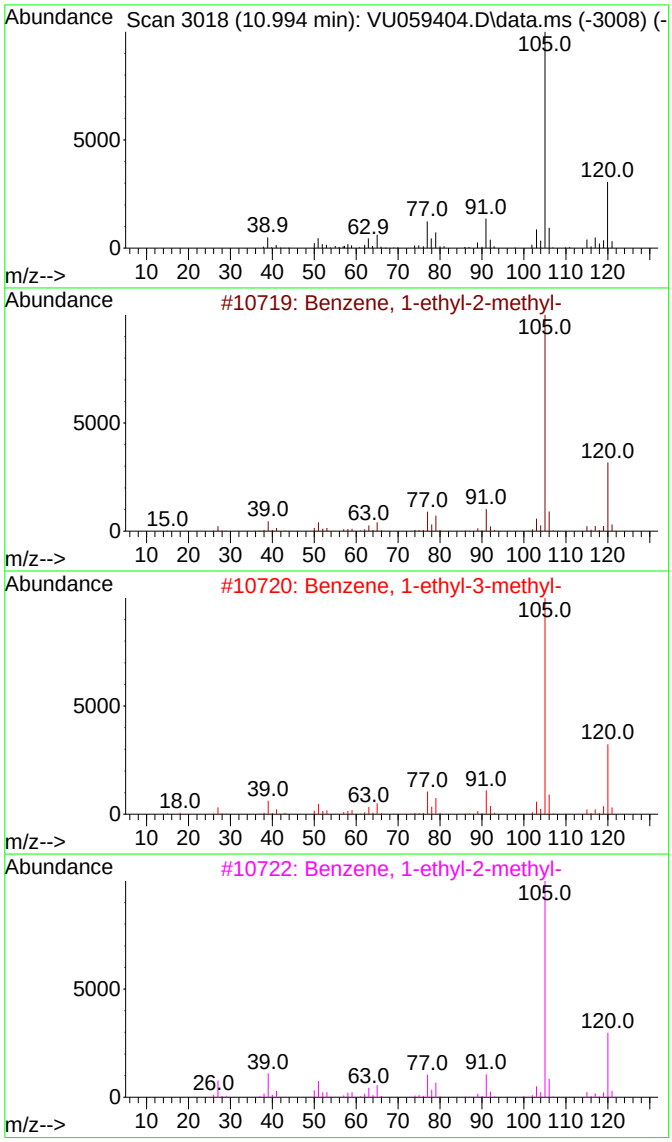
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

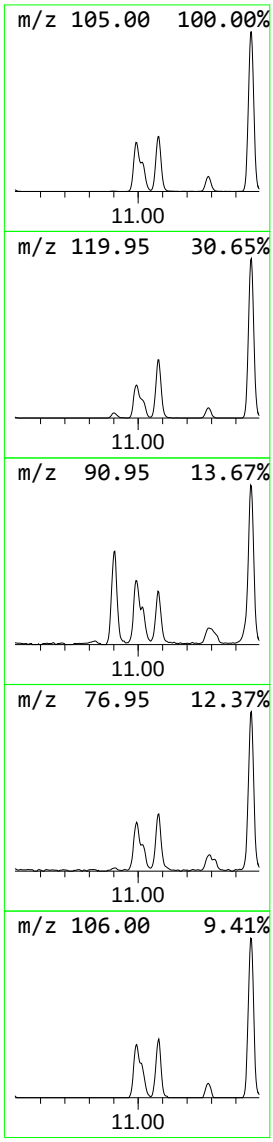
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.994	20.82 ug/L	323896	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

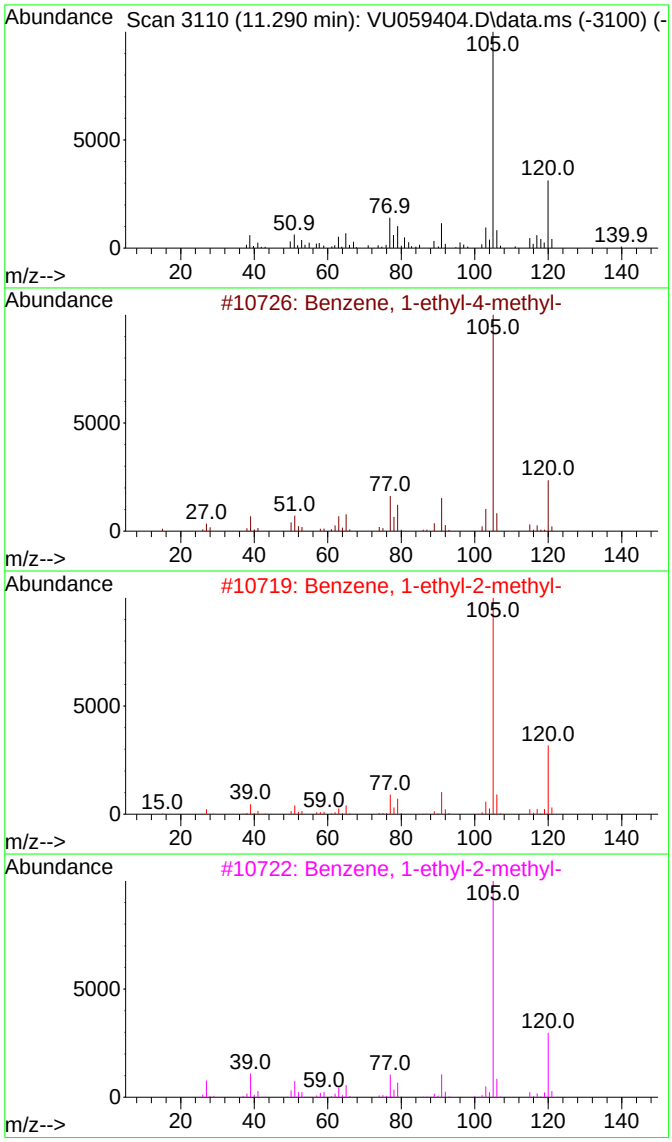
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

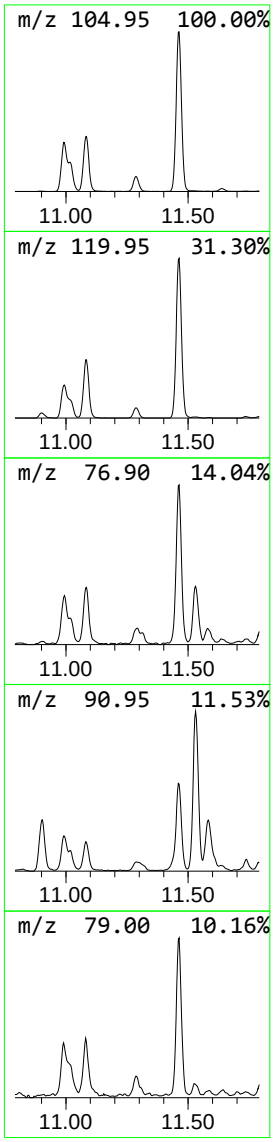
****

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.290	5.72 ug/L	89009	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

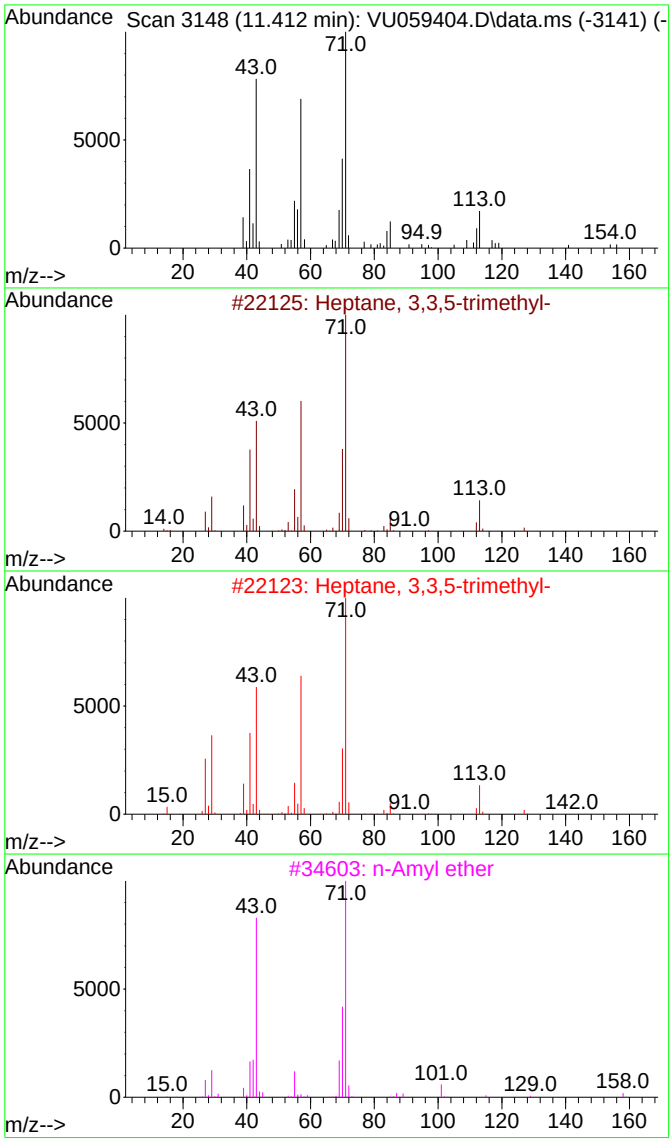
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

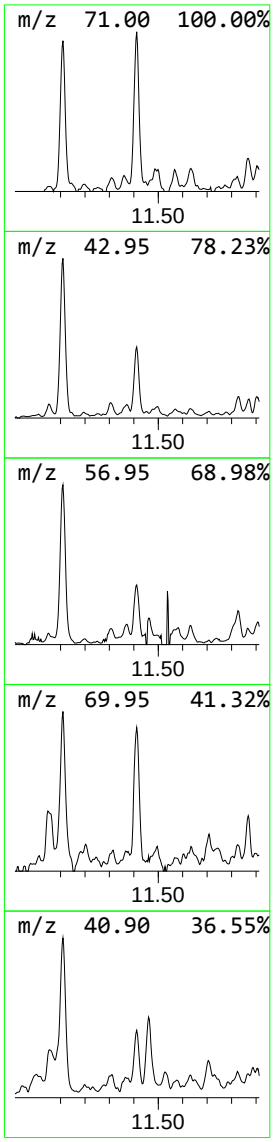
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.412	3.53 ug/L	54894	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
3	n-Amyl ether	158	C10H22O	000693-65-2	53
4	Isobutyl 3-methylbutan-2-yl carb...	188	C10H20O3	1000372-77-0	53
5	4-(Methylamino)-1-thiane-1,1-dione	163	C6H13NO2S	1000444-06-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

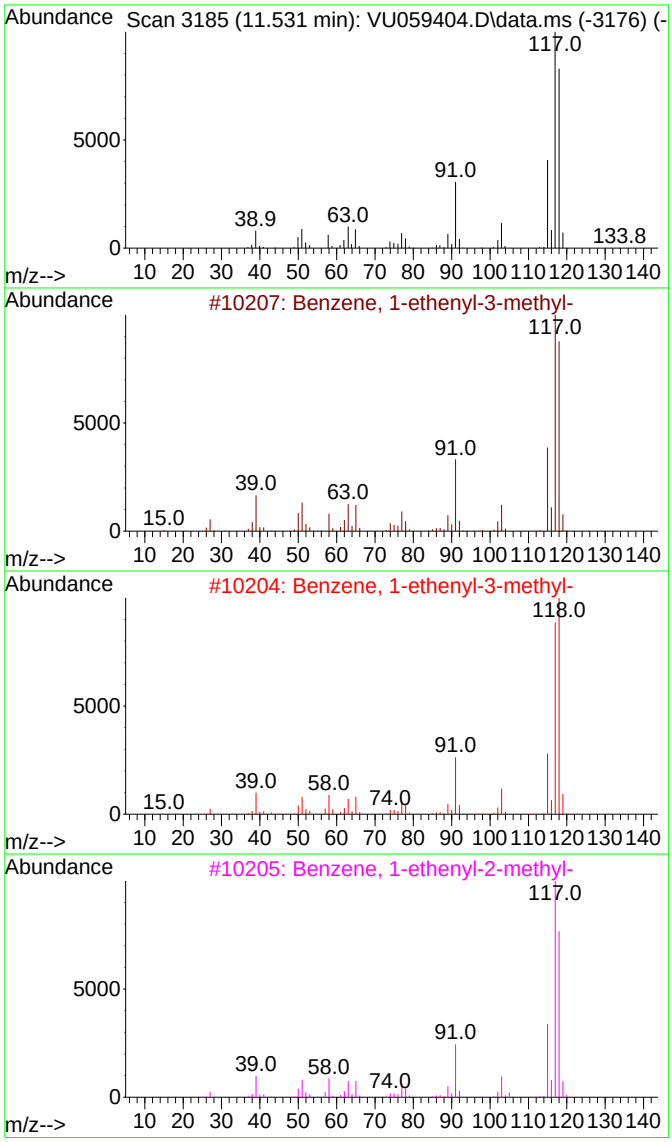
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

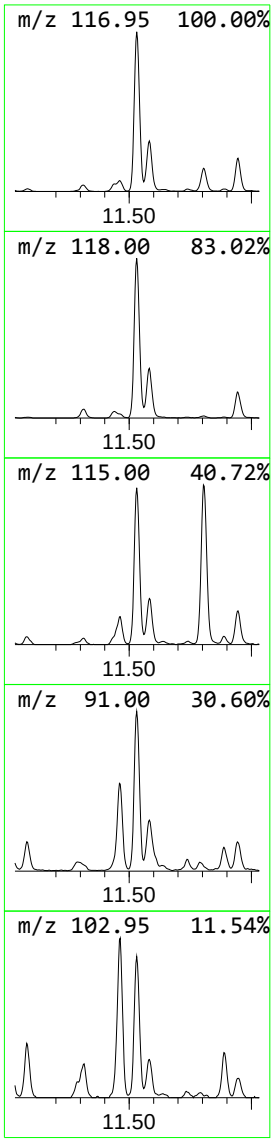
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethenyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.531	40.16 ug/L	624824	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

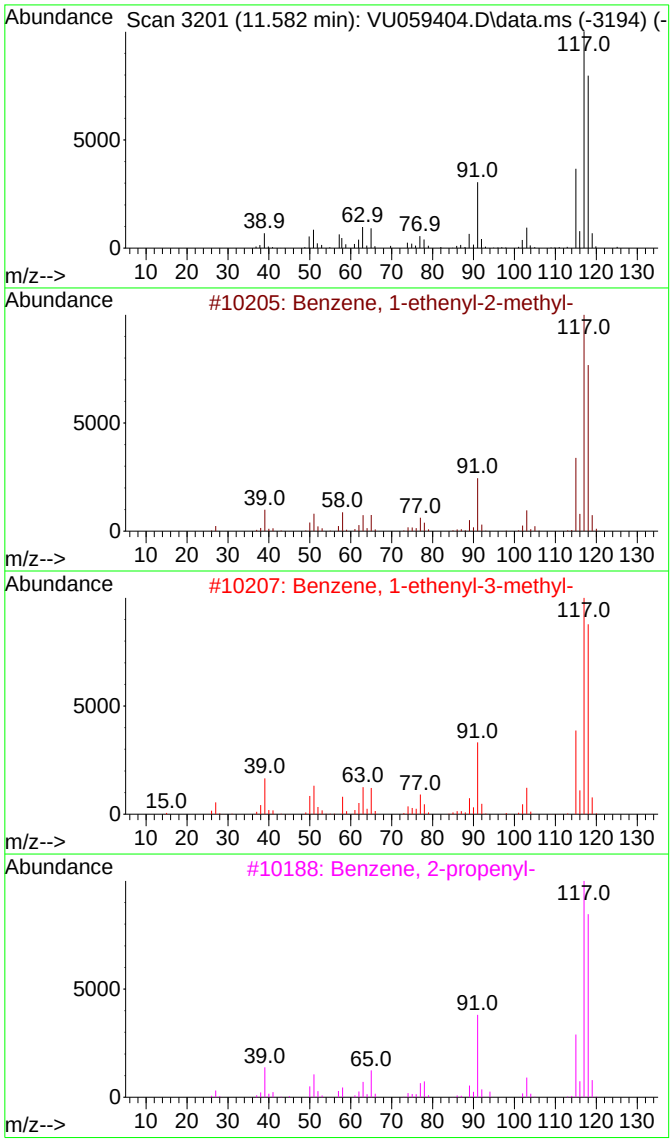
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

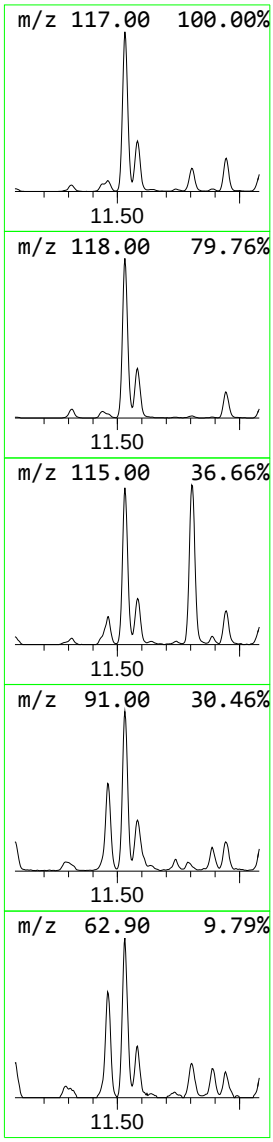
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethenyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.582	12.30 ug/L	191414	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	91
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

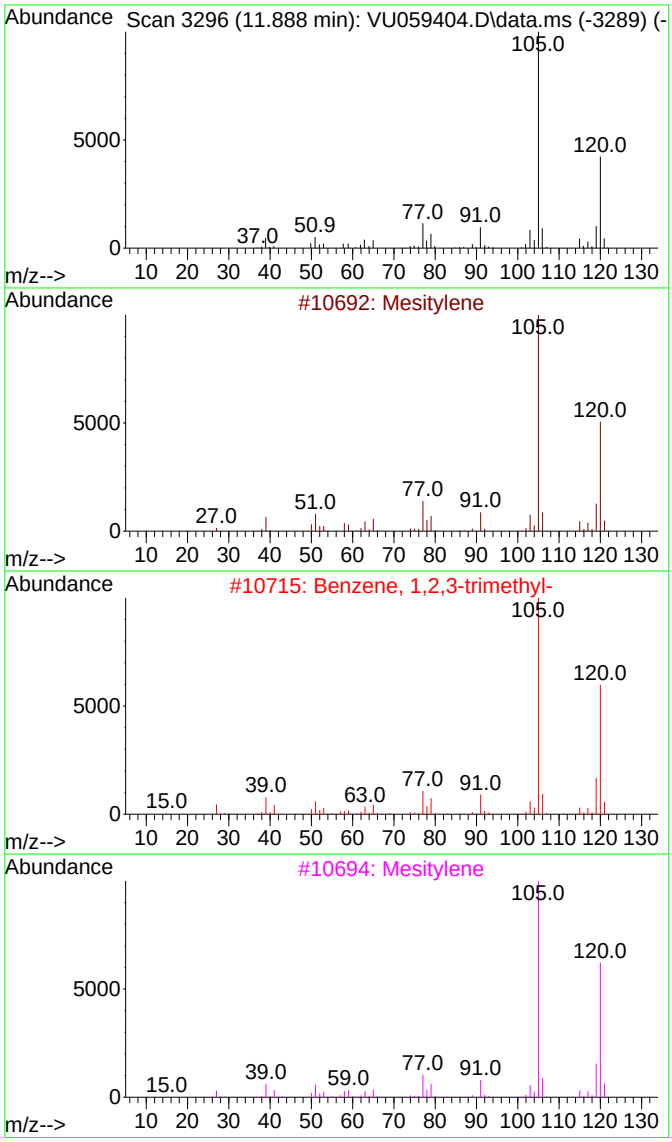
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

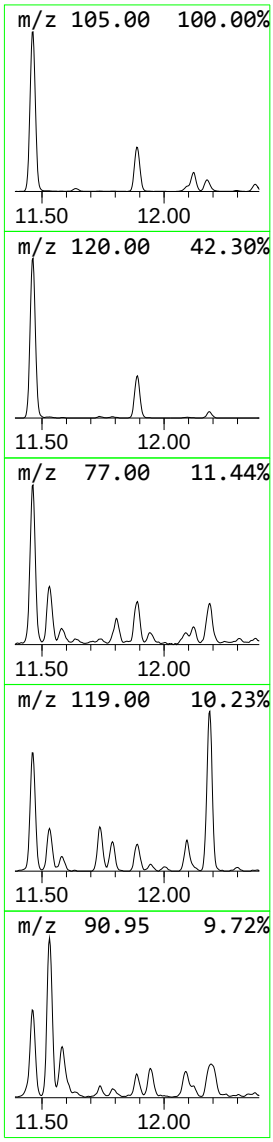
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	13.79 ug/L	214600	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

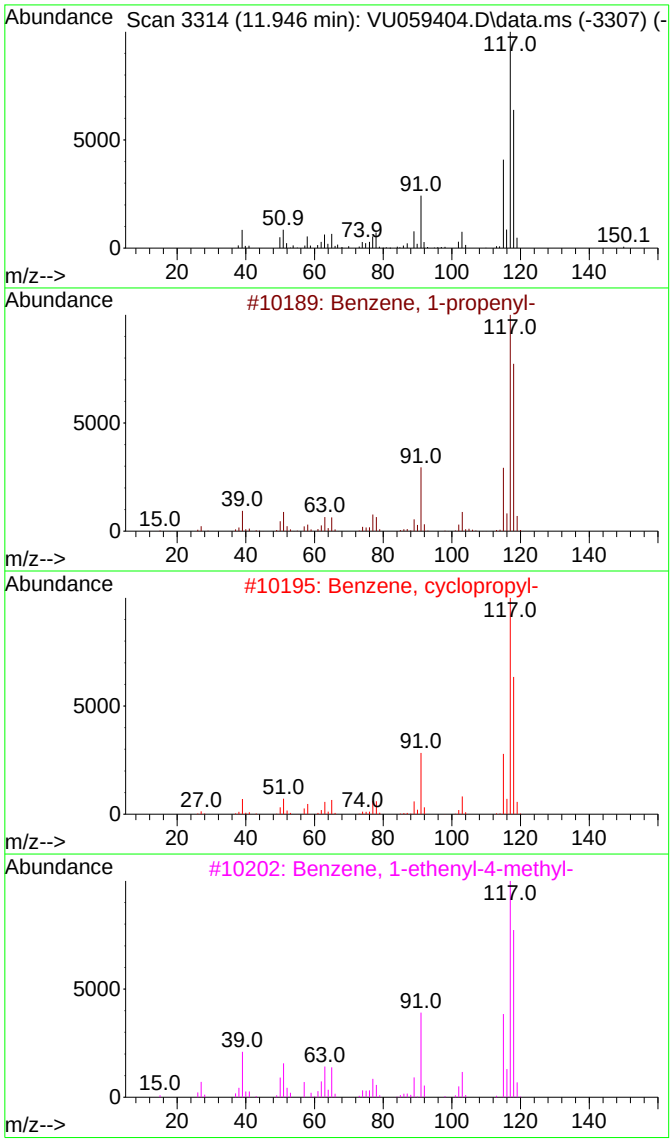
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

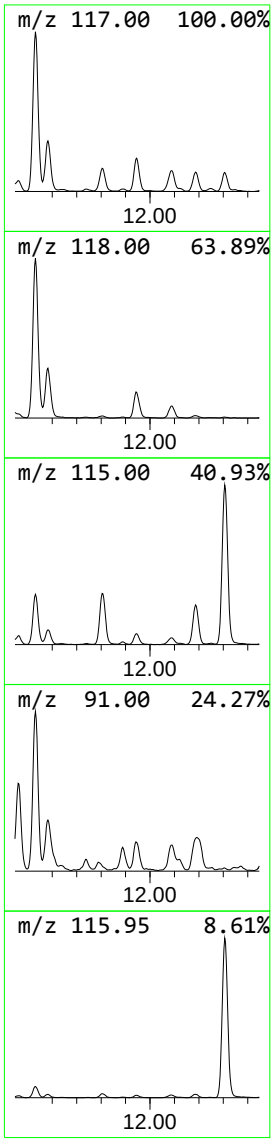
****

Peak Number 10 Benzene, 1-propenyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.946	7.43 ug/L	115577	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	89
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

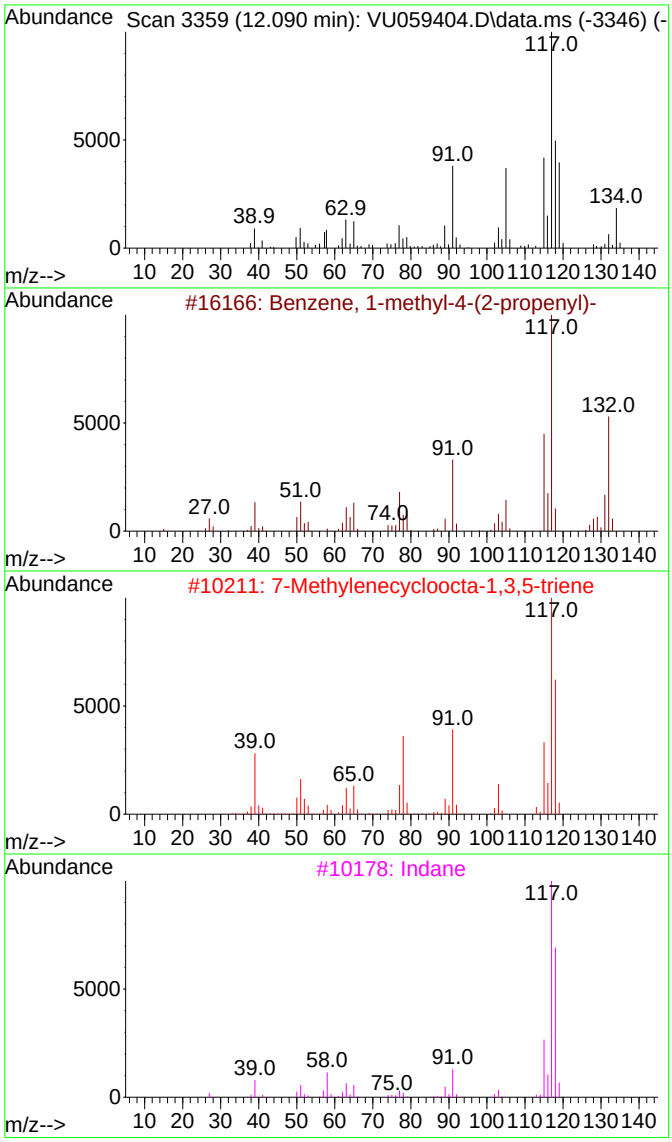
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

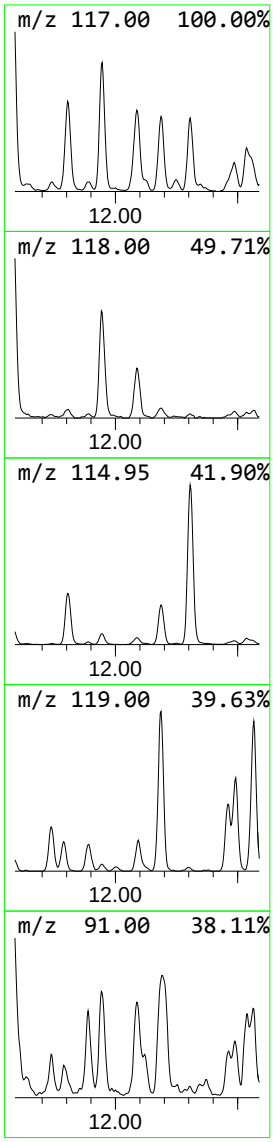
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-methyl-4-(2-prop... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	8.33 ug/L	129622	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	58
2	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	55
3	Indane	118	C9H10	000496-11-7	55
4	Deltacyclene	118	C9H10	007785-10-6	55
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

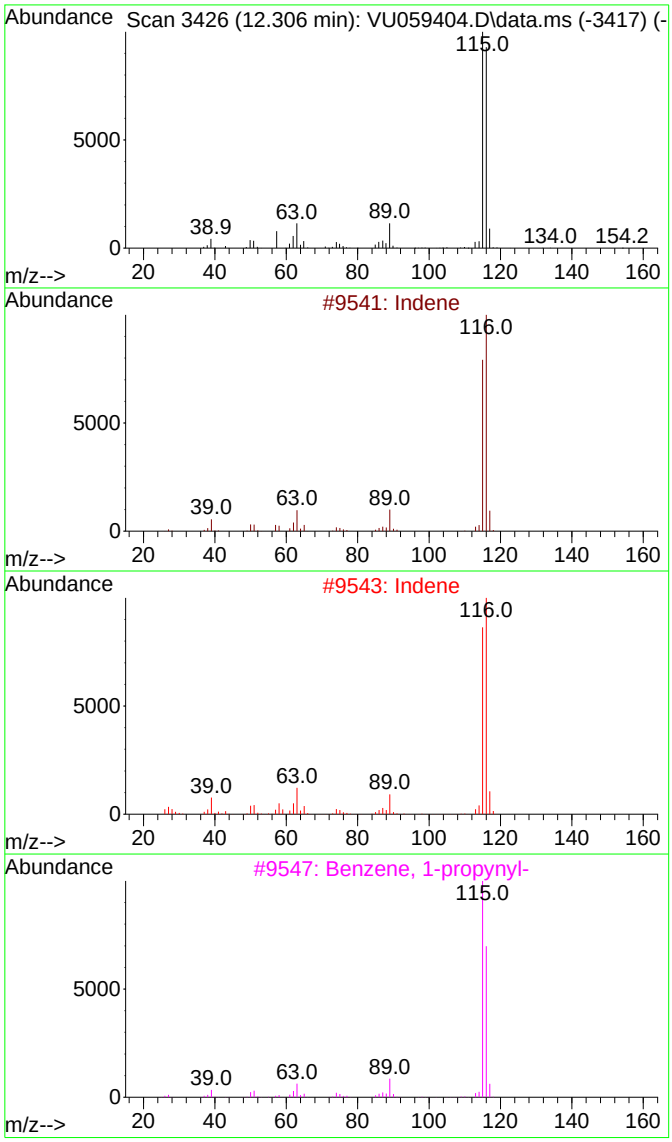
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

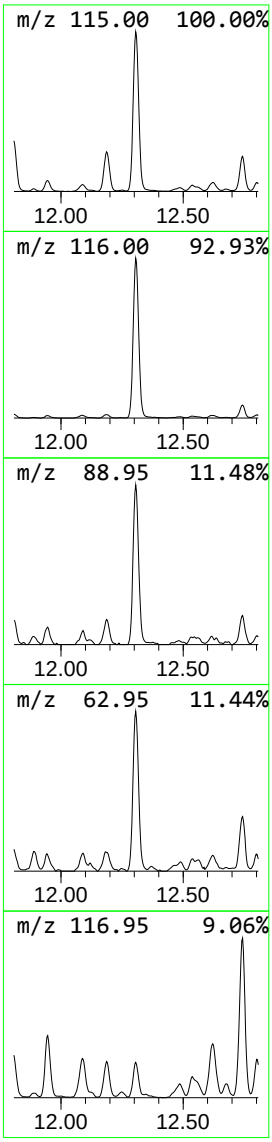
****

Peak Number 12 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.306	46.26 ug/L	719729	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

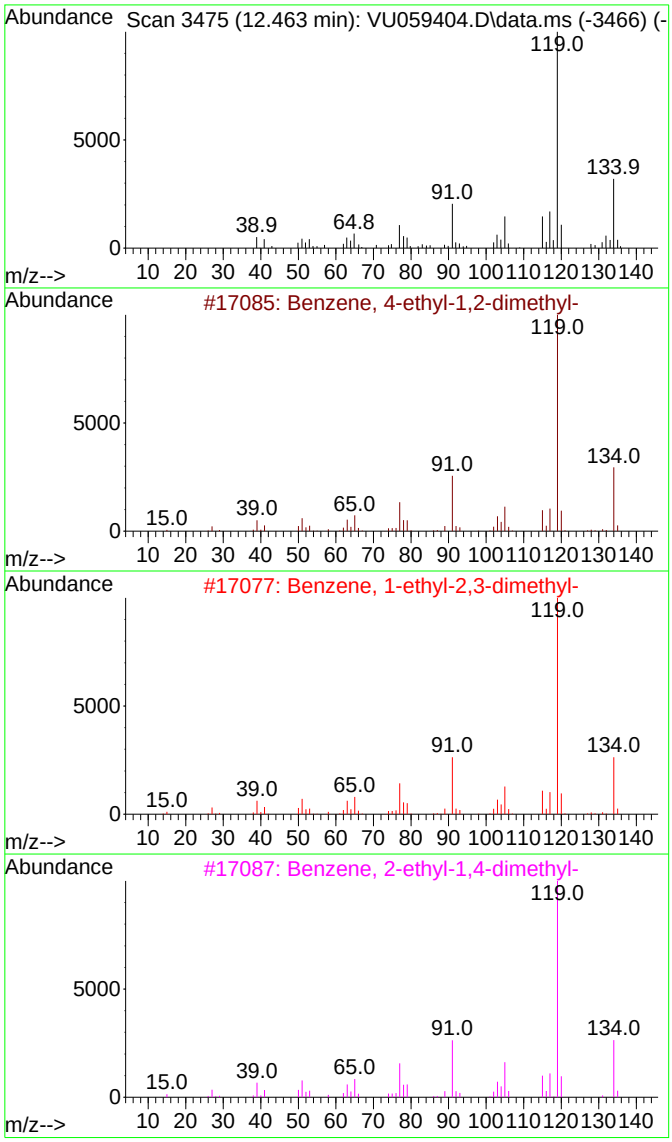
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

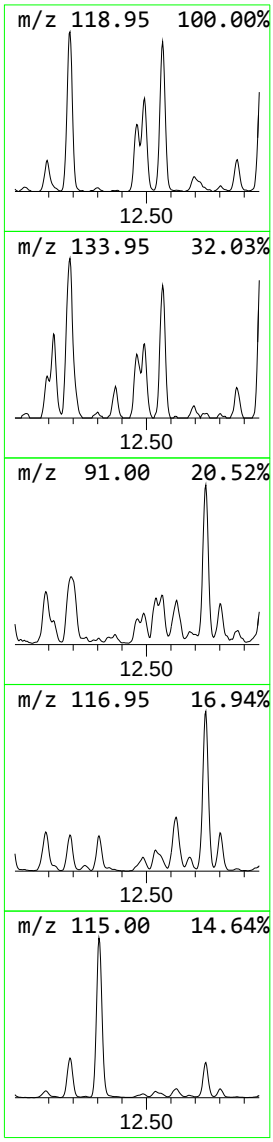
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	3.32 ug/L	51713	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

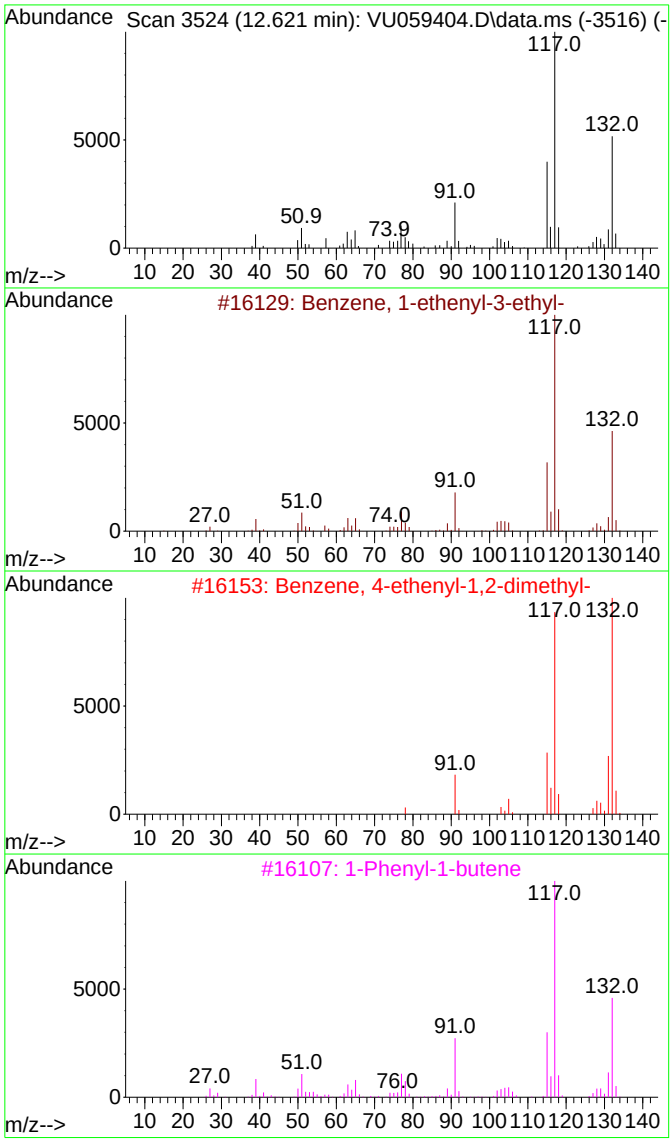
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

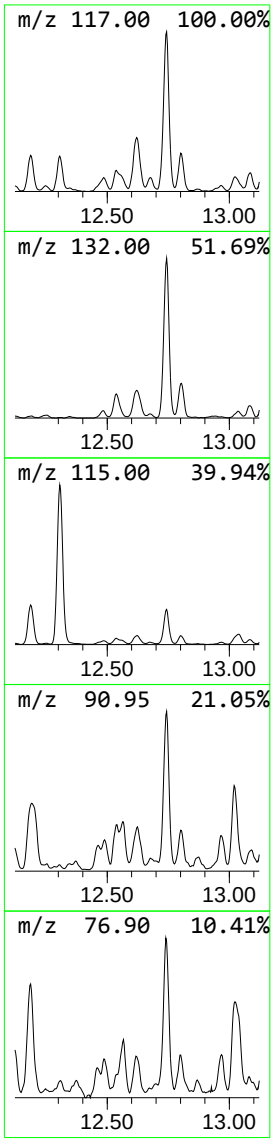
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	7.10 ug/L	110500	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	94
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	93
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

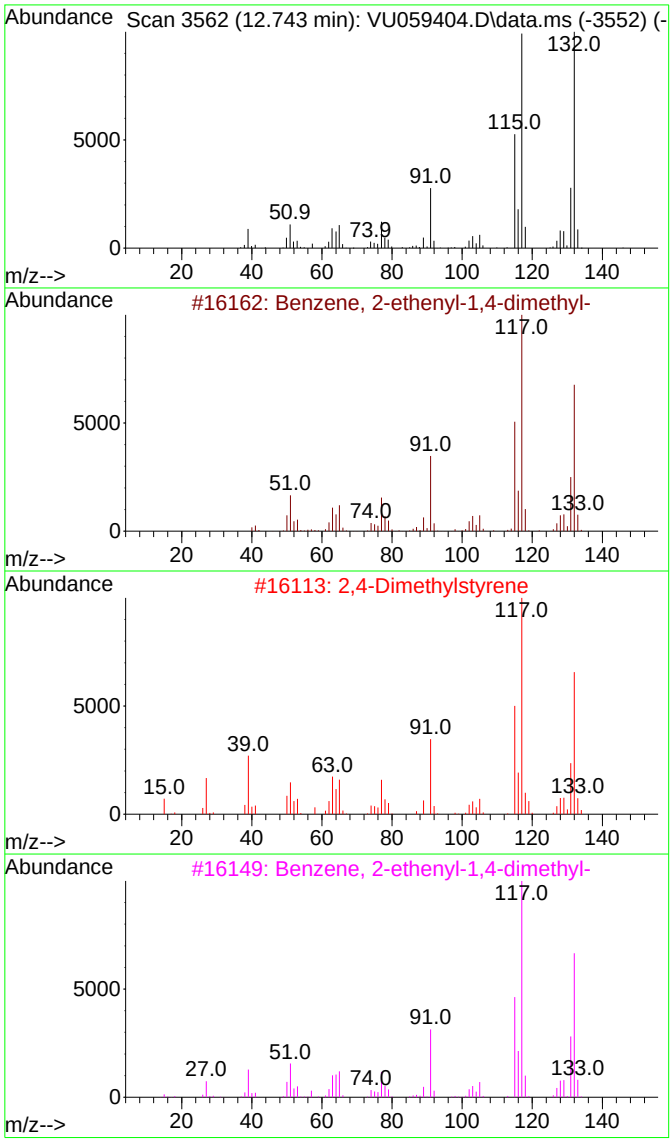
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

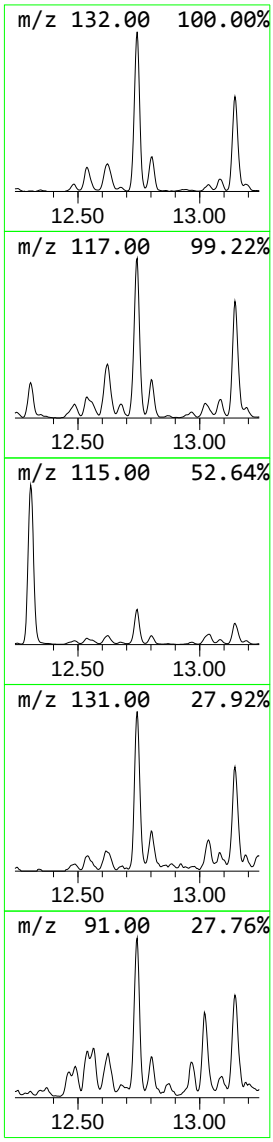
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.743	28.11 ug/L	437376	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	97
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	97
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

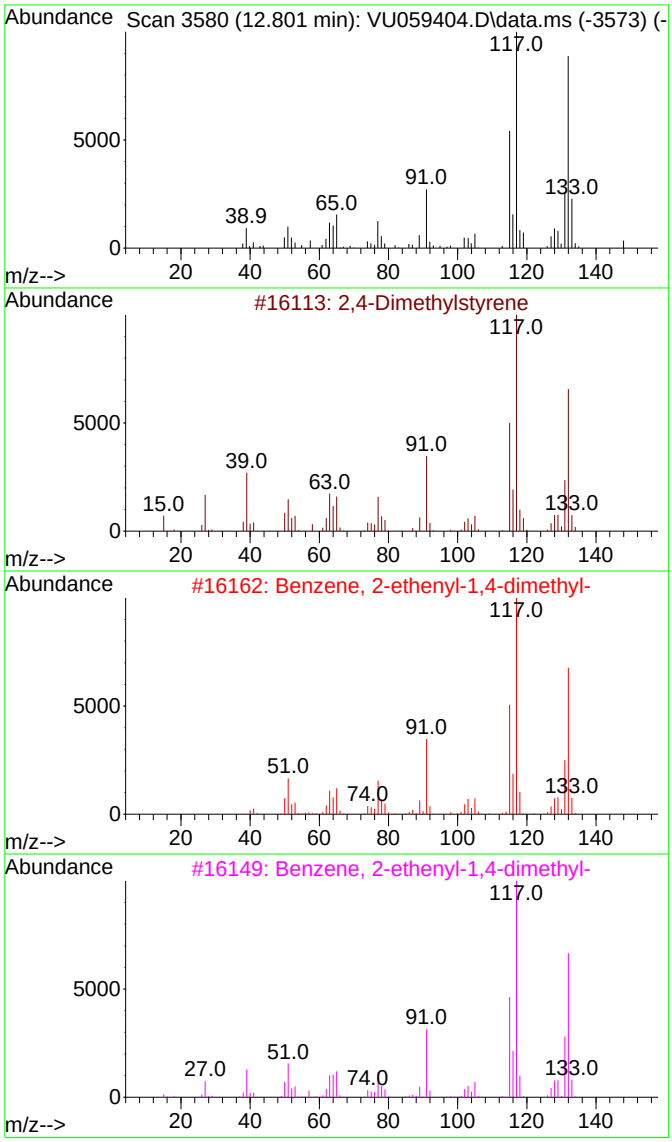
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

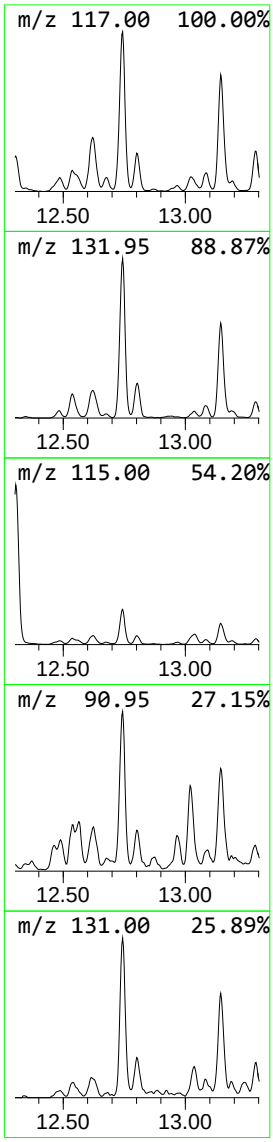
****

Peak Number 17 2,4-Dimethylstyrene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.801	7.32 ug/L	113822	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

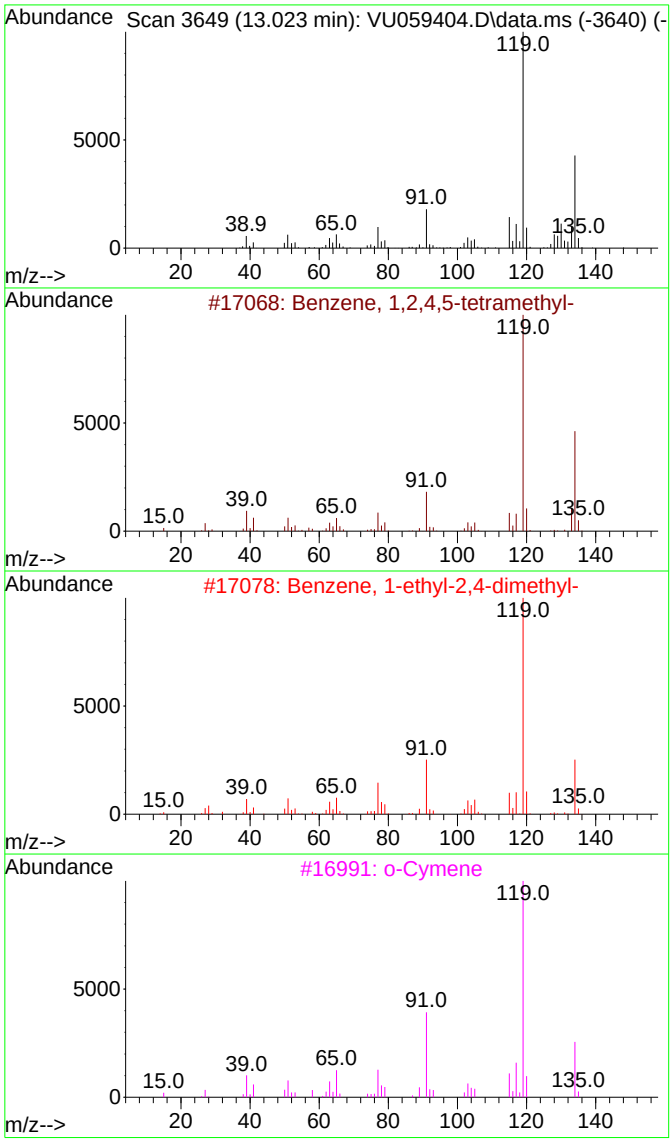
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

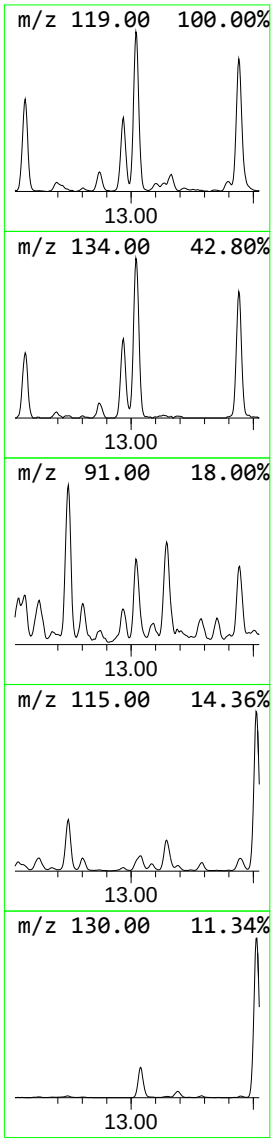
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.023	20.96 ug/L	326062	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

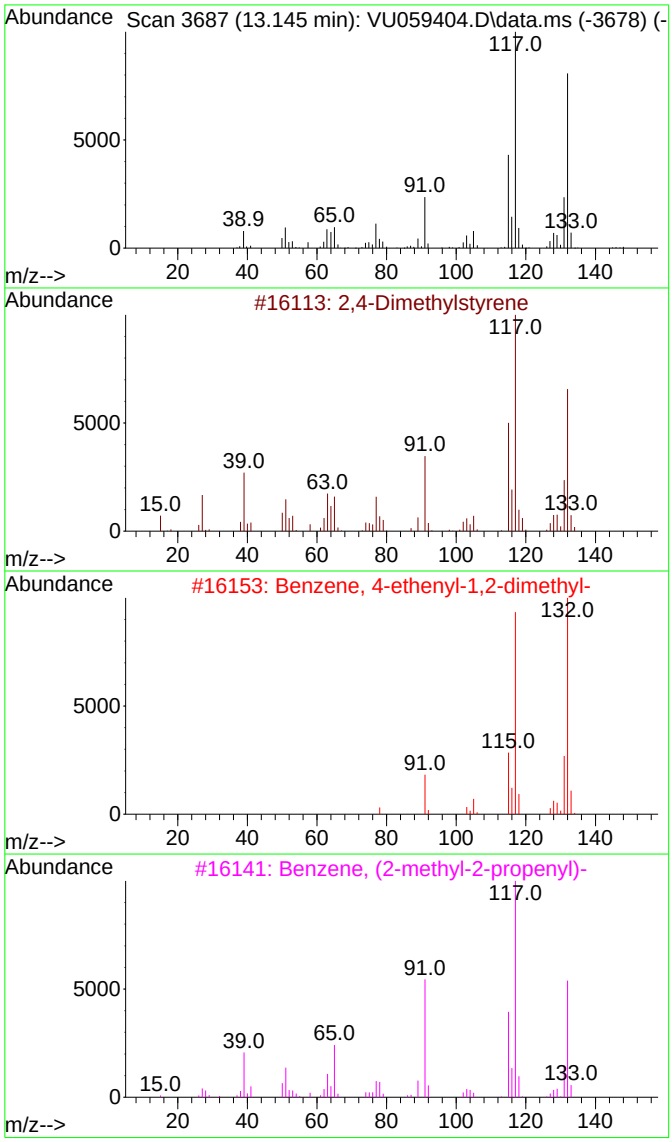
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

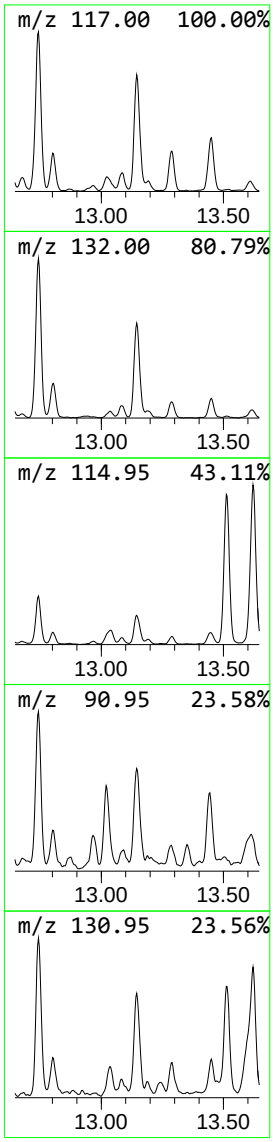
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, (2-methyl-2-propen... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	20.26 ug/L	315269	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94





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Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

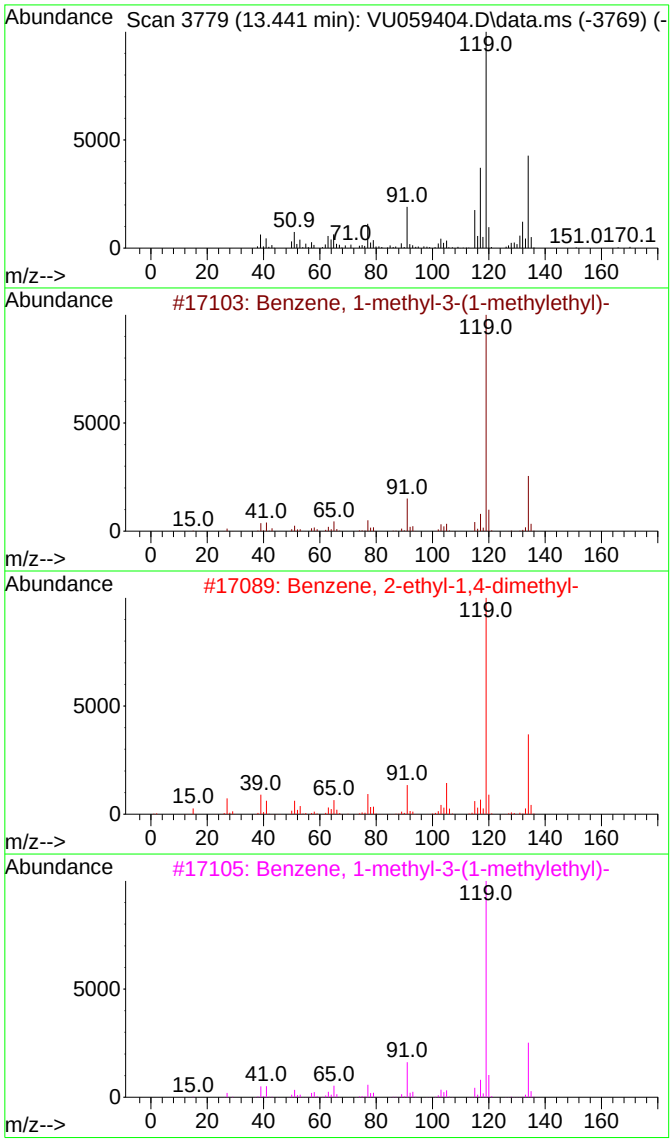
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

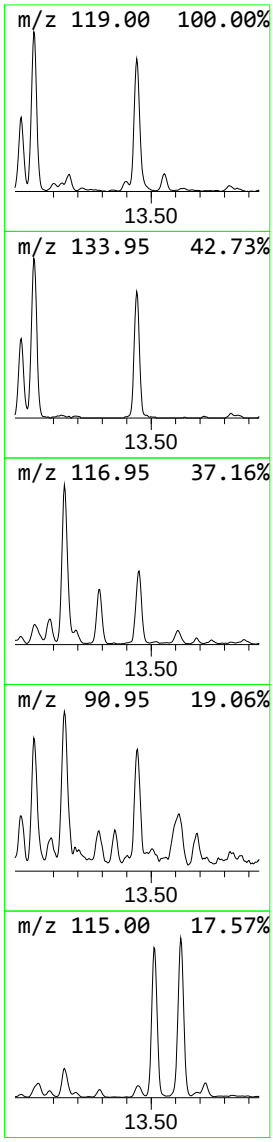
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-methyl-3-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.441	21.21 ug/L	329962	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

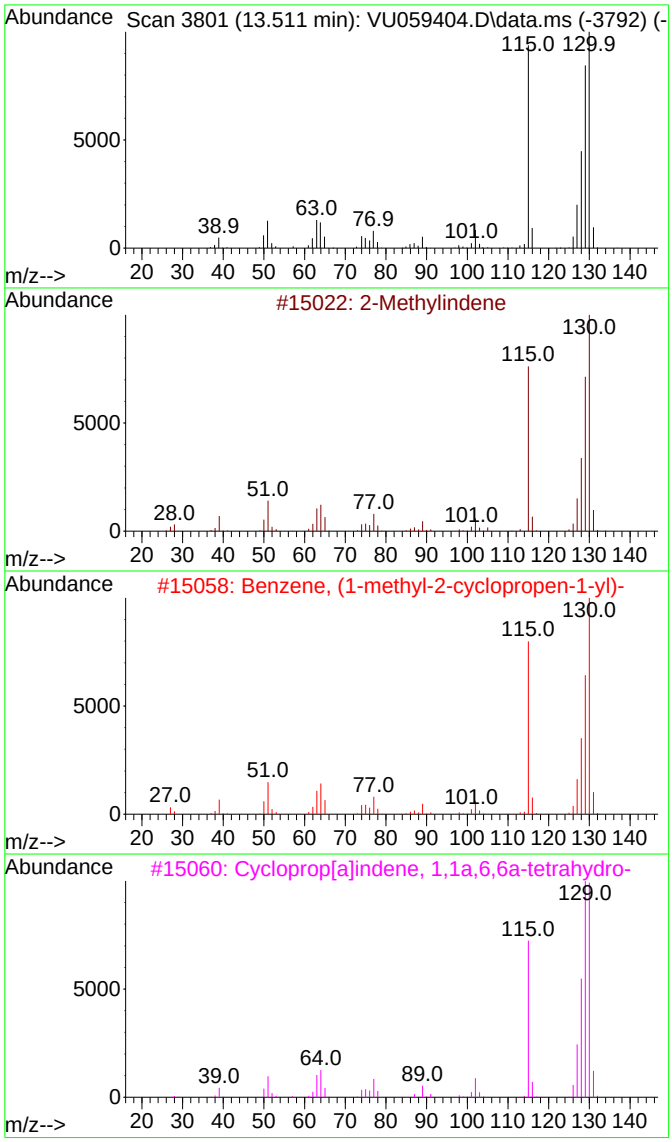
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

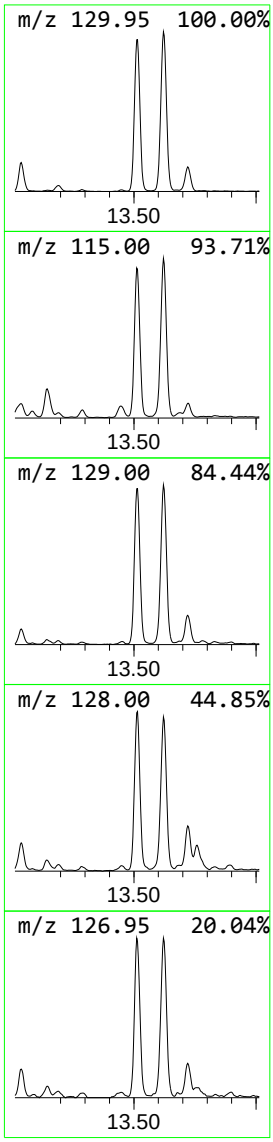
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.512	49.28 ug/L	766653	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

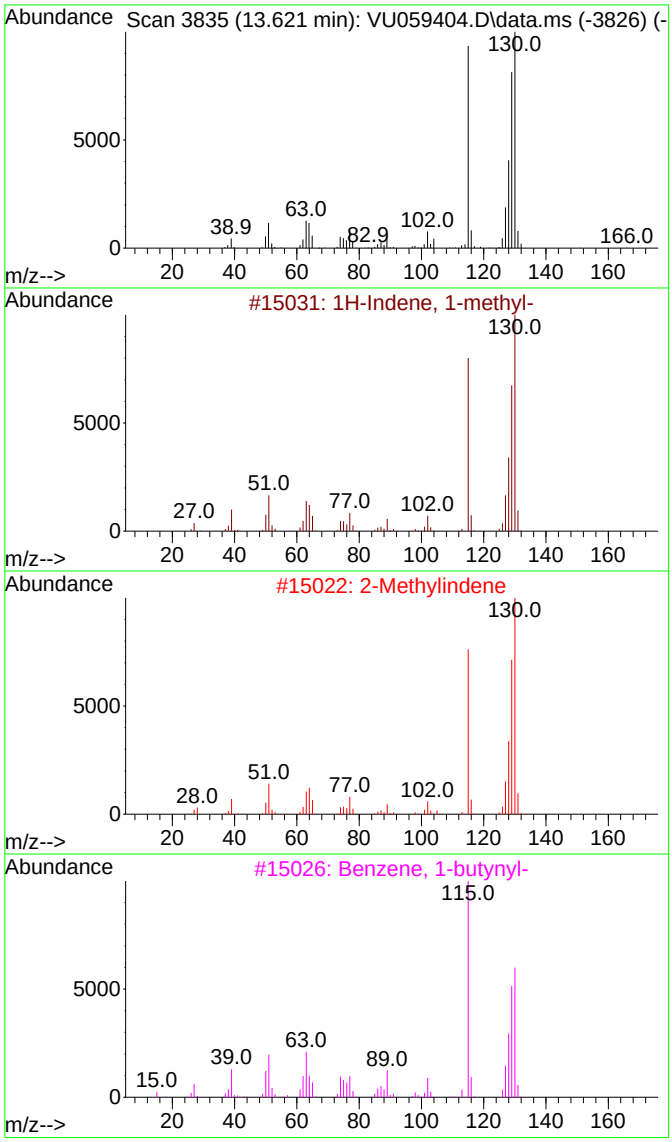
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

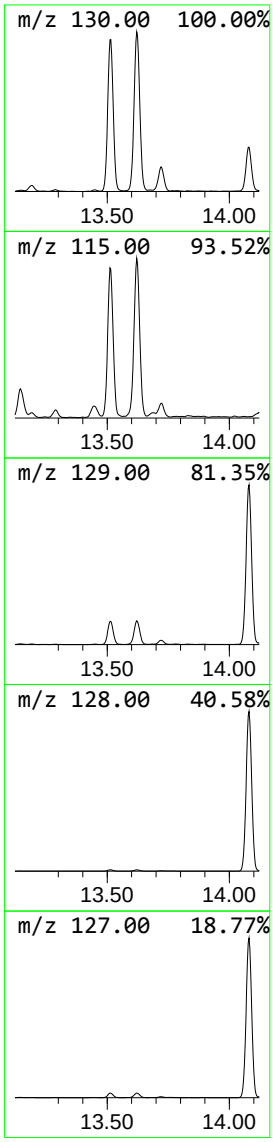
****

Peak Number 24 1H-Indene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	56.46 ug/L	878445	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
2	2-Methylindene	130	C10H10	002177-47-1	94
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	91





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Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

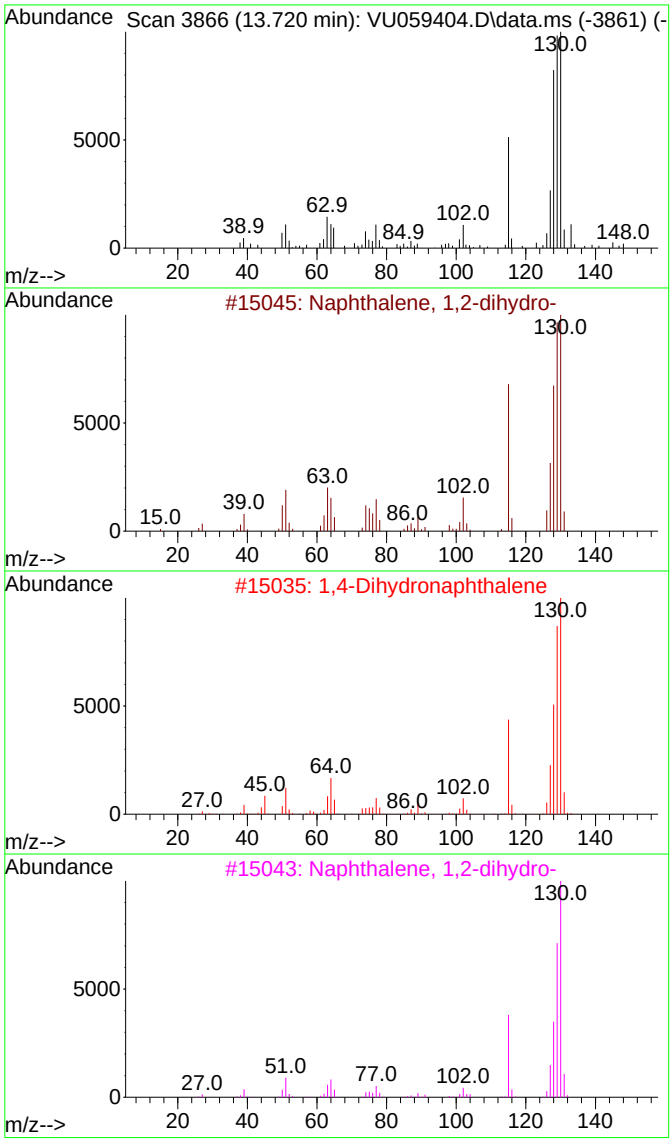
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

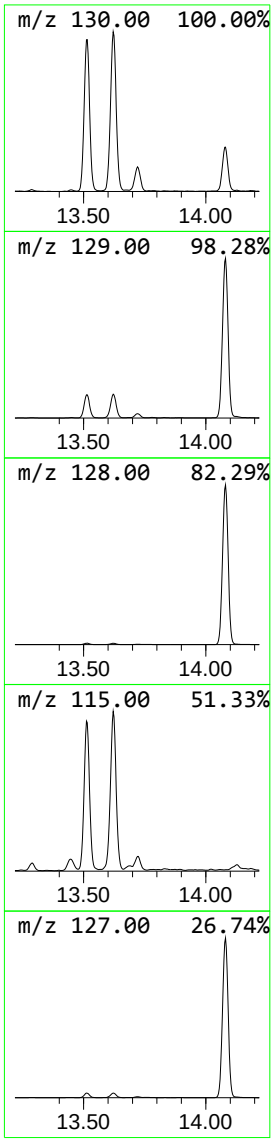
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Naphthalene, 1,2-dihydro- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.720	6.62 ug/L	103021	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	83
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	83
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	64
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	64
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

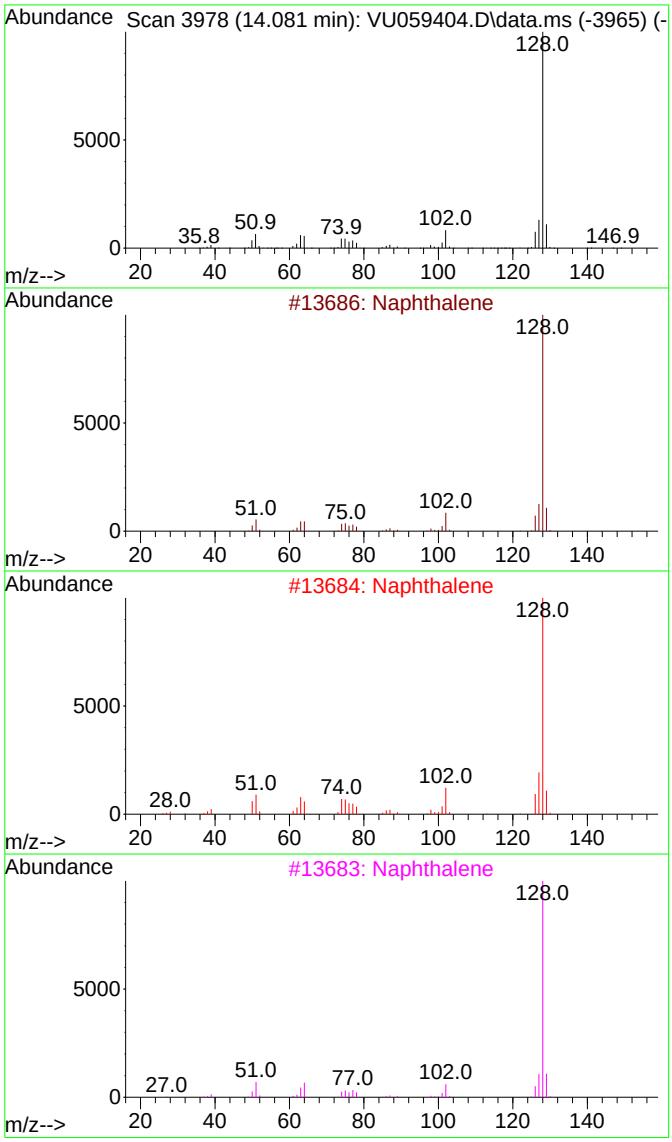
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

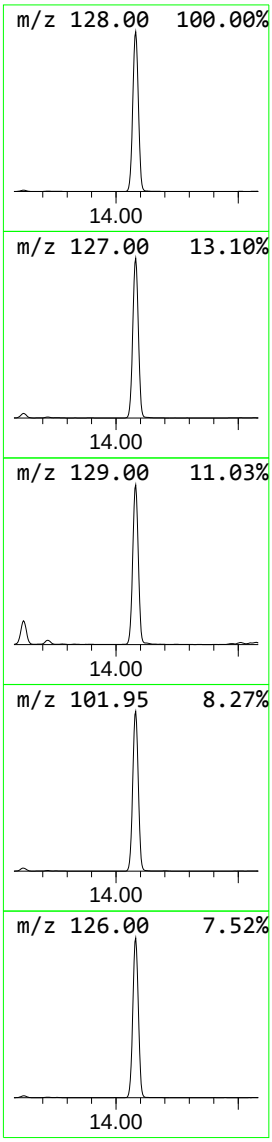
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	1087.56 ug/L	16920000	1,4-Dichlorobenzene-d4	11.807

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	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

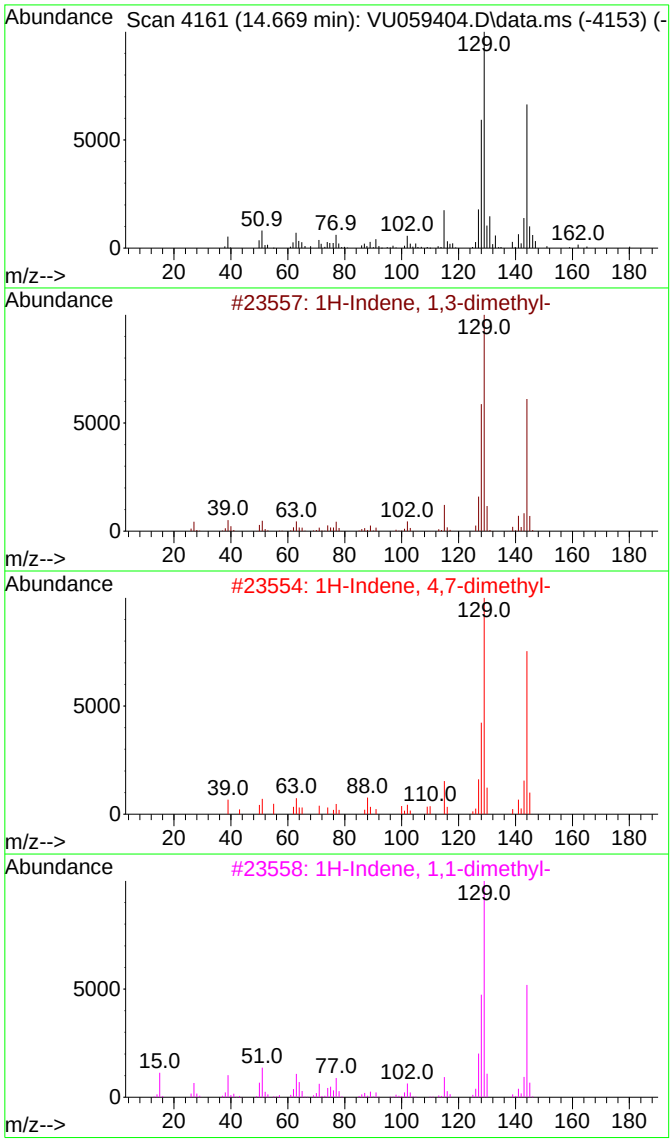
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

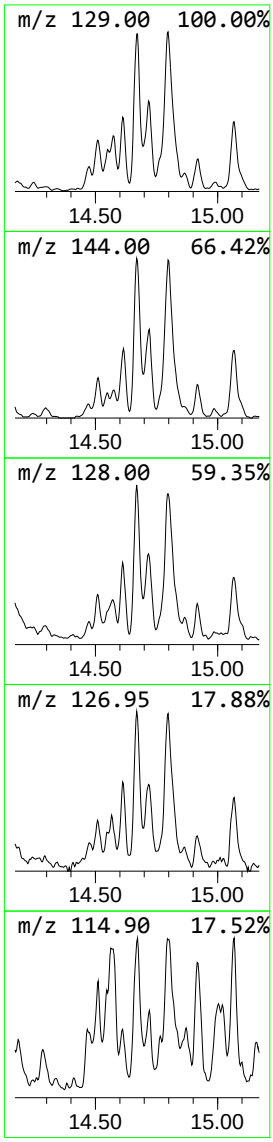
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1H-Indene, 1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	10.30 ug/L	160174	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	95
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	91
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
4	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	80
5	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

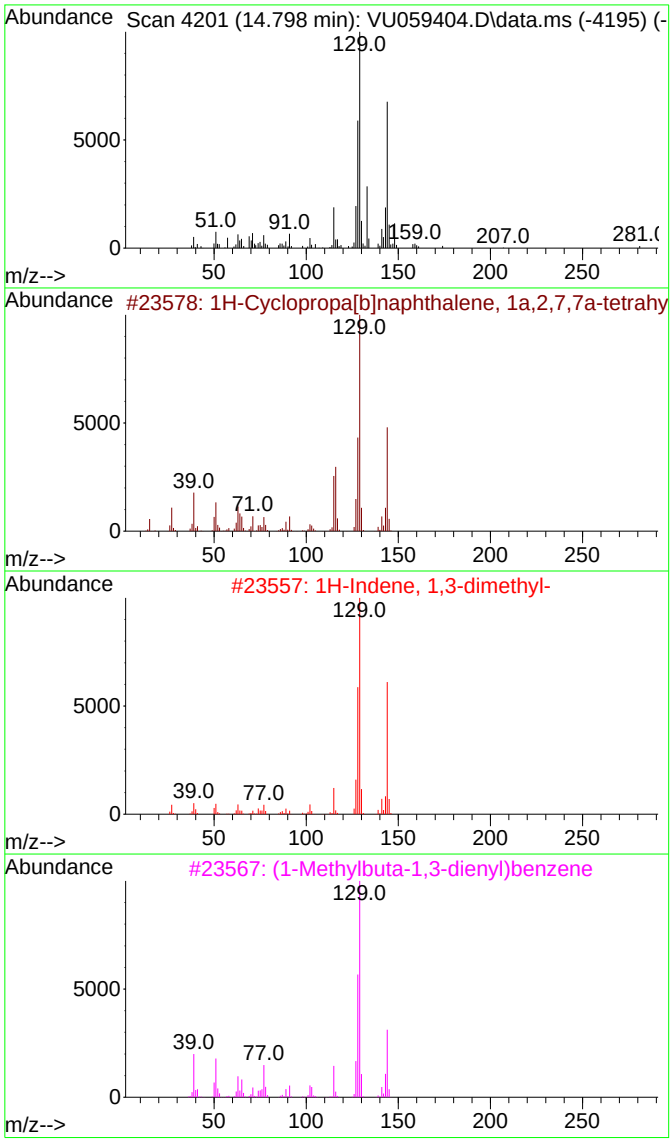
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

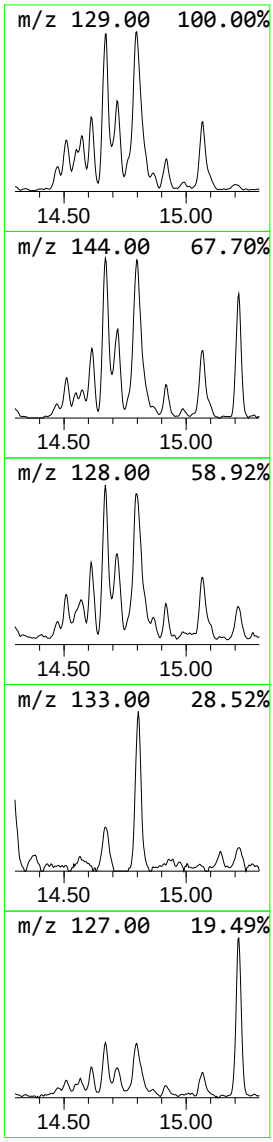
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1H-Cyclopropa[b]naphthalene... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	11.39 ug/L	177210	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	91
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	91
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	87
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
5	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

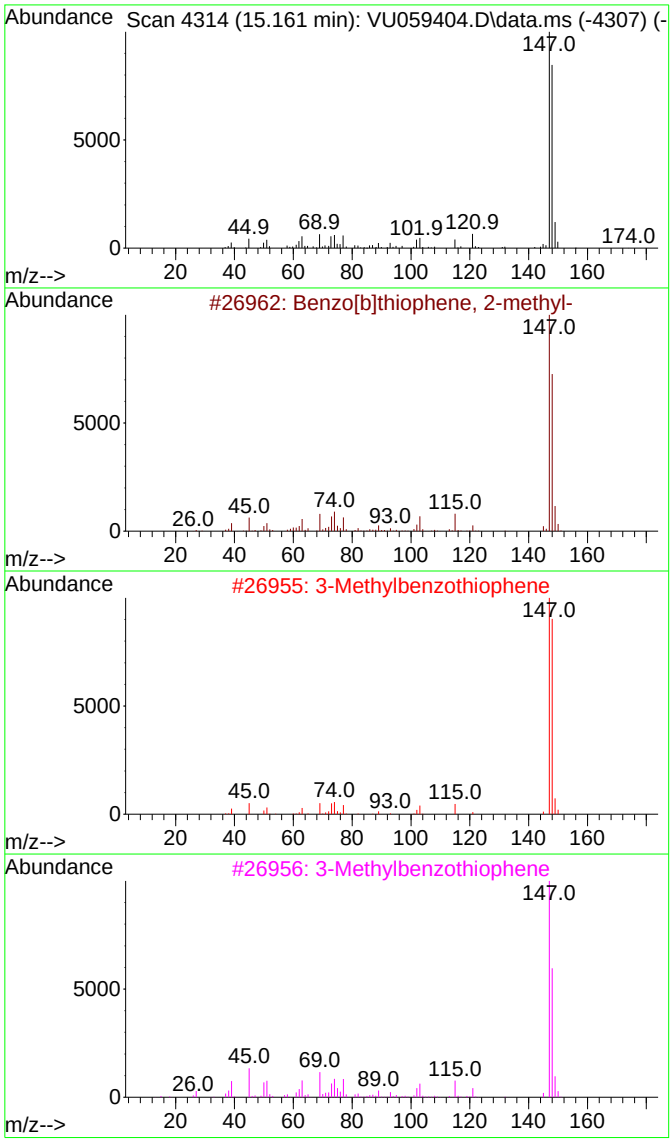
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

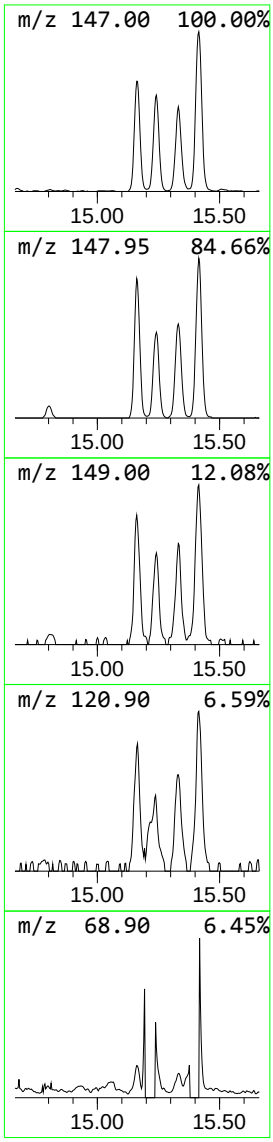
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzo[b]thiophene, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.161	7.09 ug/L	110236	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

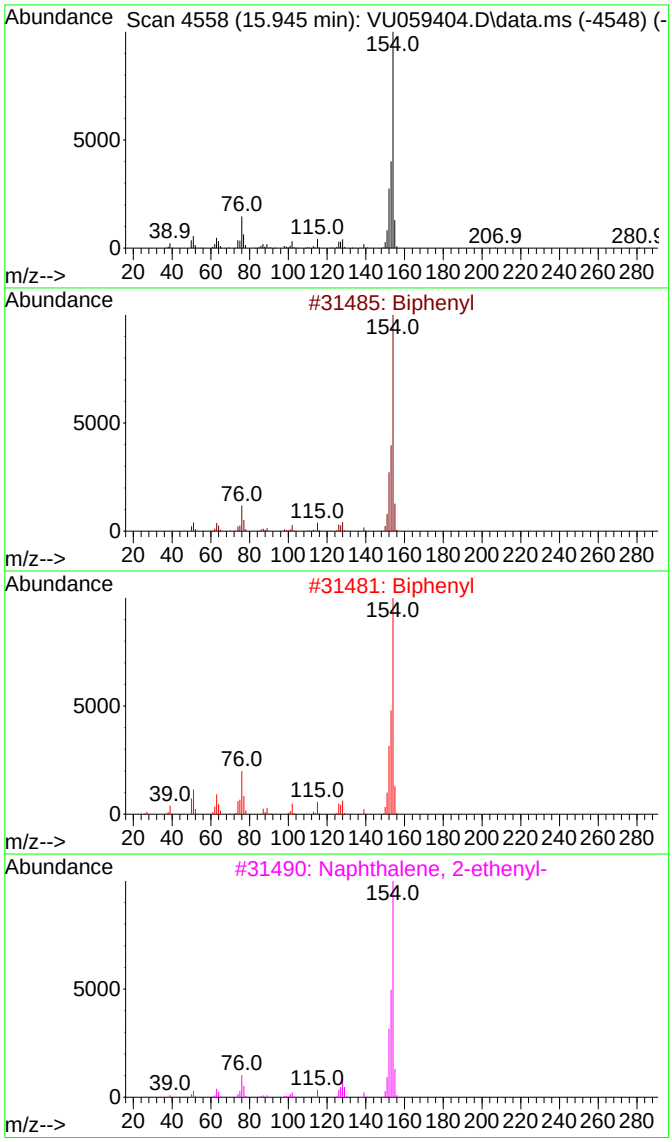
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

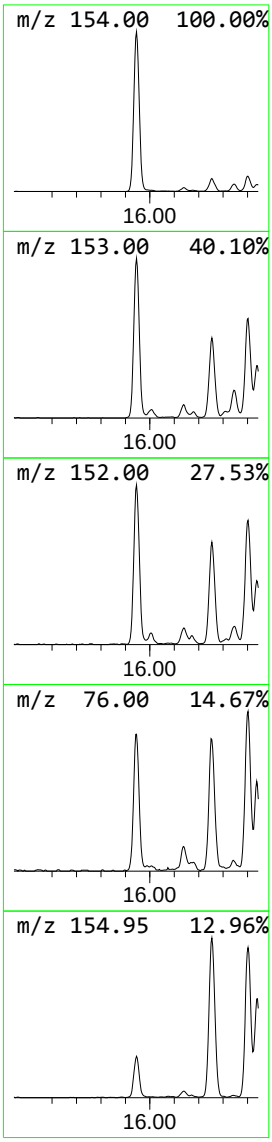
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Naphthalene, 2-ethenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.945	33.21 ug/L	516620	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	93
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	83
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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

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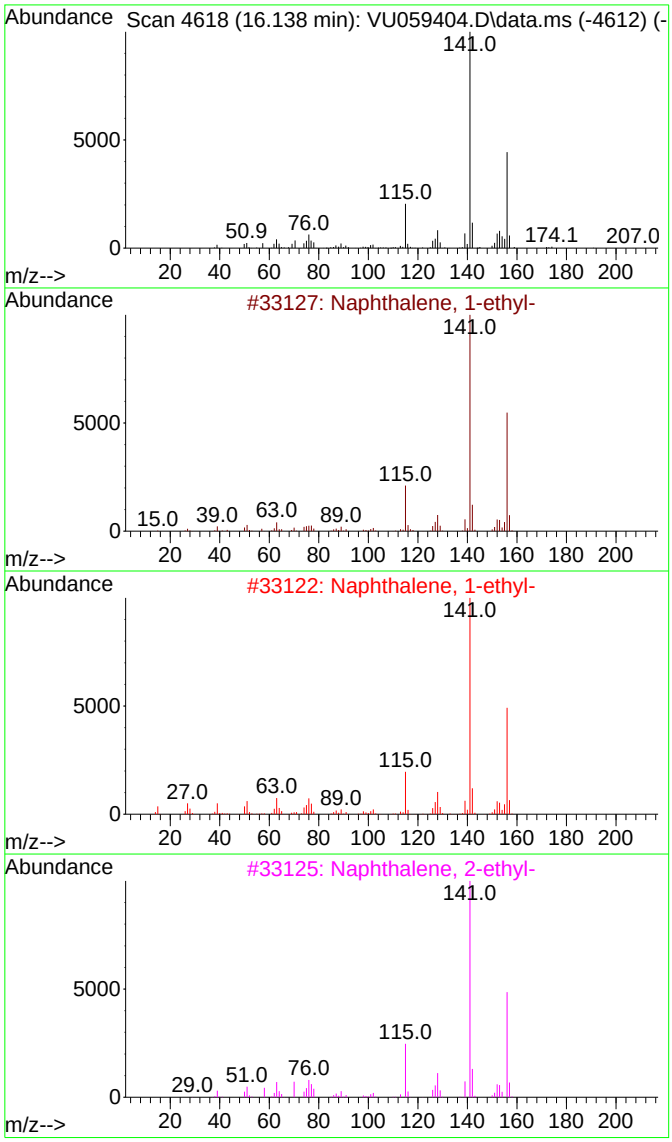
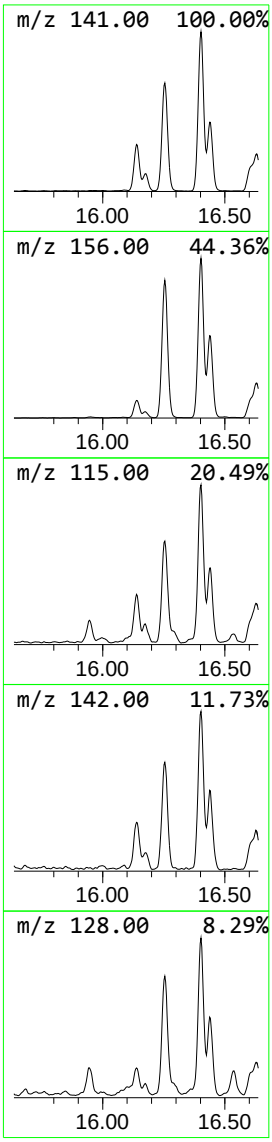
Peak Number 36 Naphthalene, 1-ethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.138	9.08 ug/L	141194	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

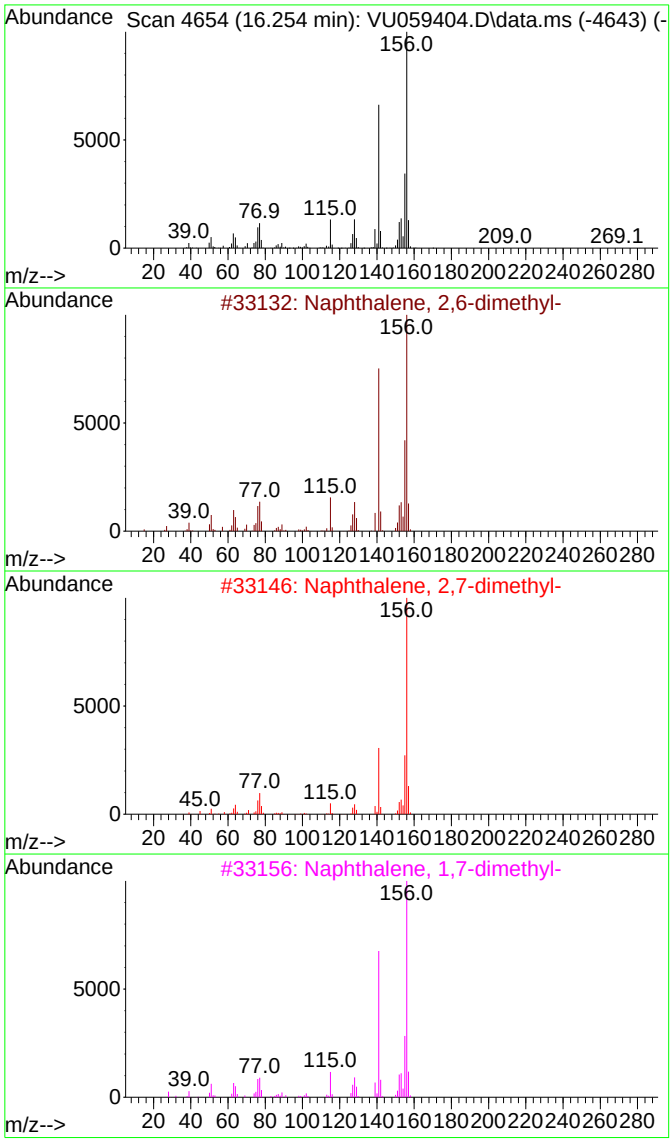
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

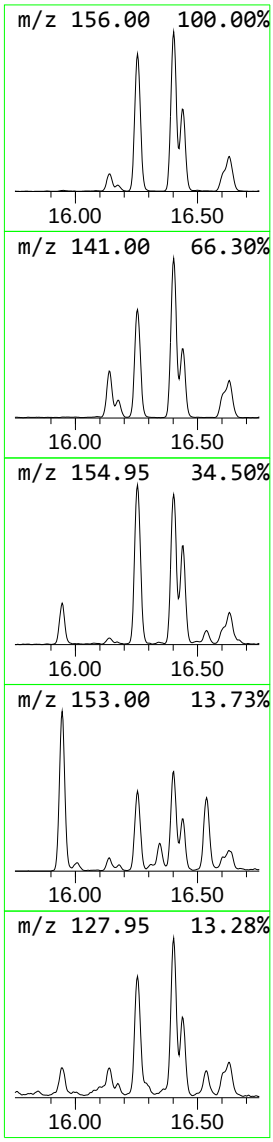
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.254	79.86 ug/L	1242430	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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

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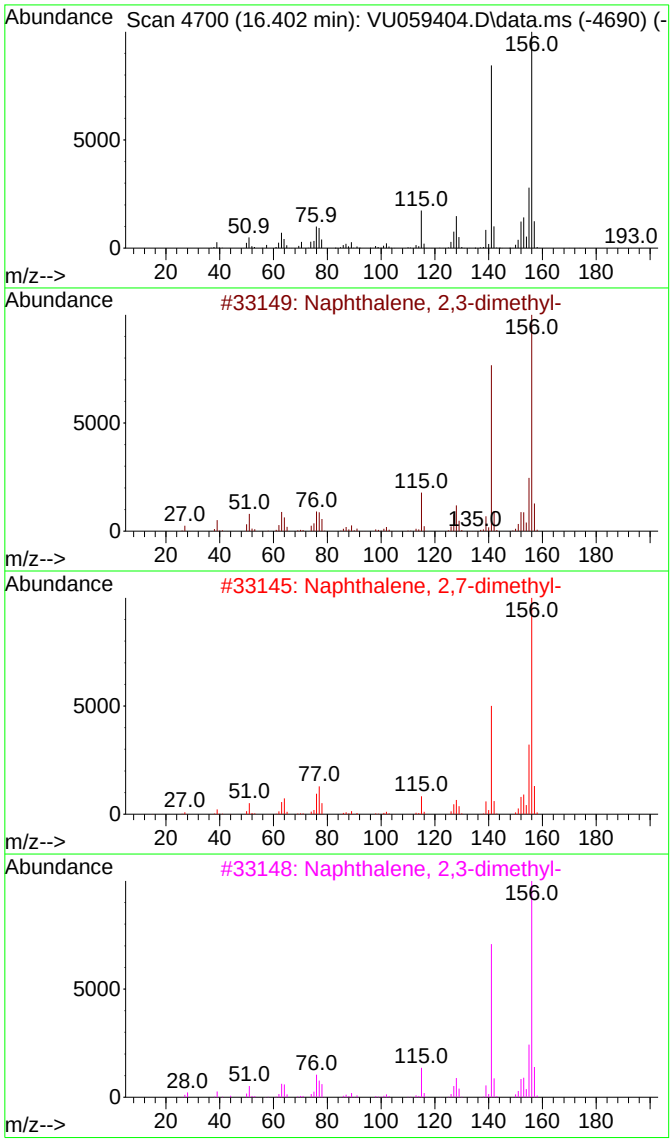
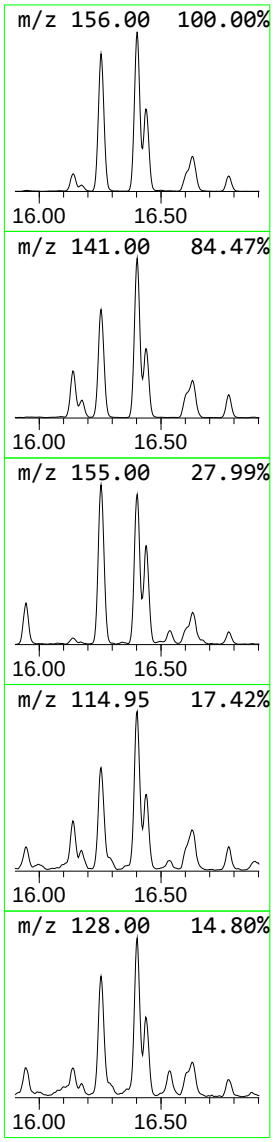
Peak Number 38 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.402	83.37 ug/L	1297110	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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

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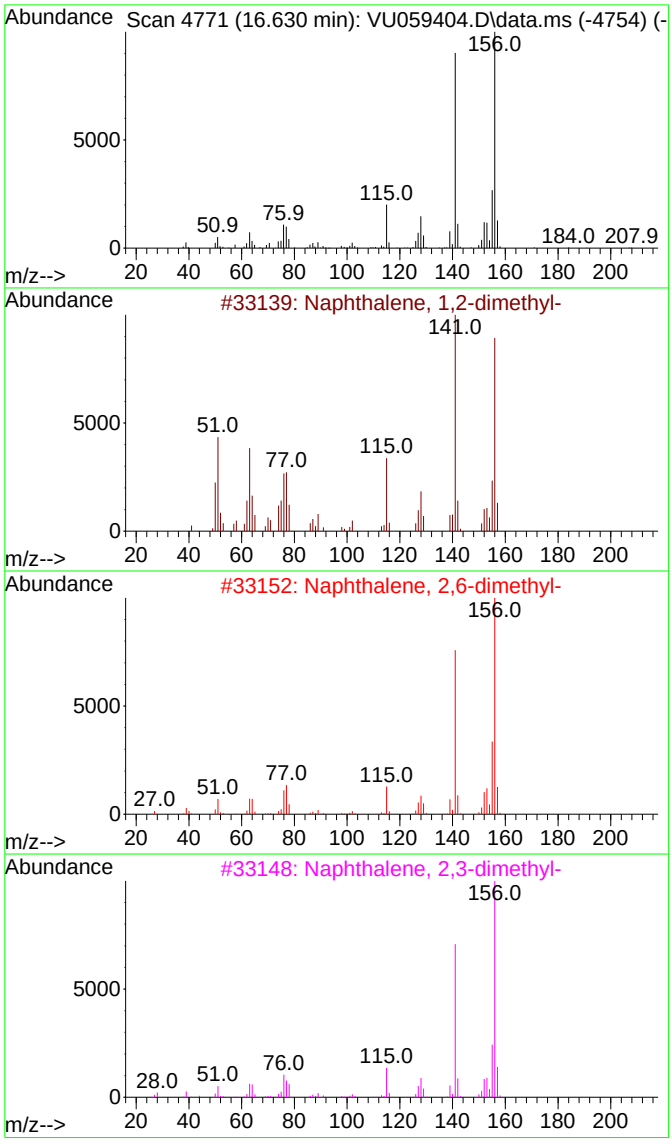
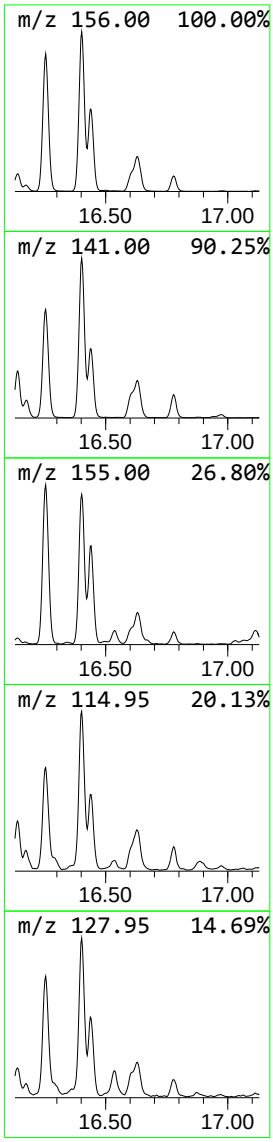
Peak Number 40 Naphthalene, 1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.630	32.87 ug/L	511309	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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

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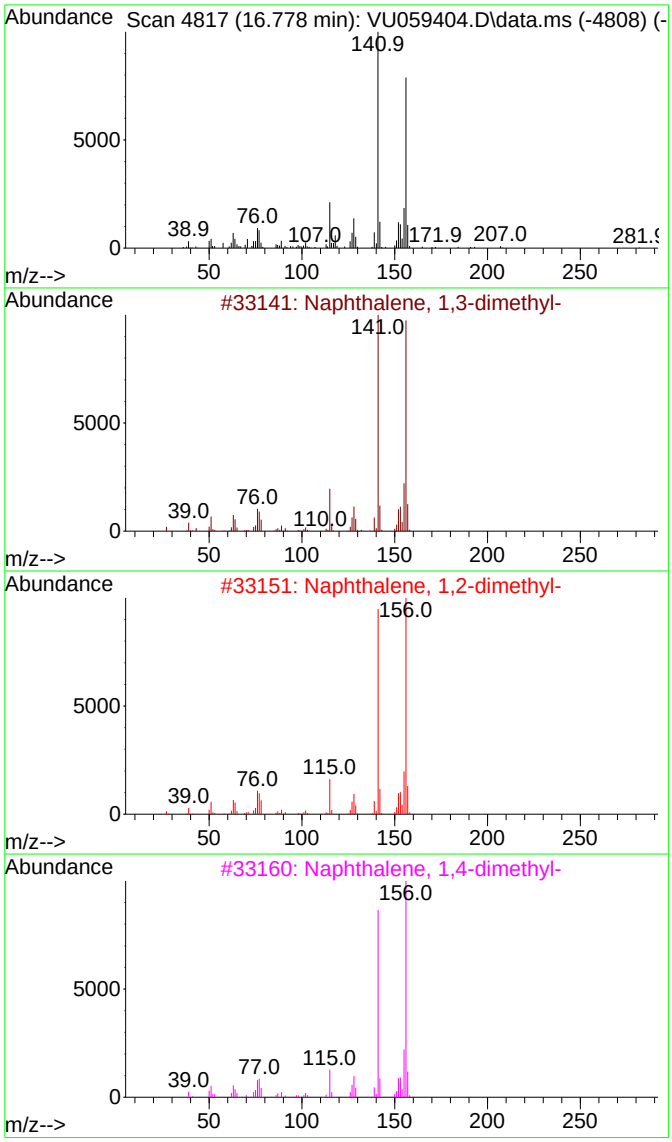
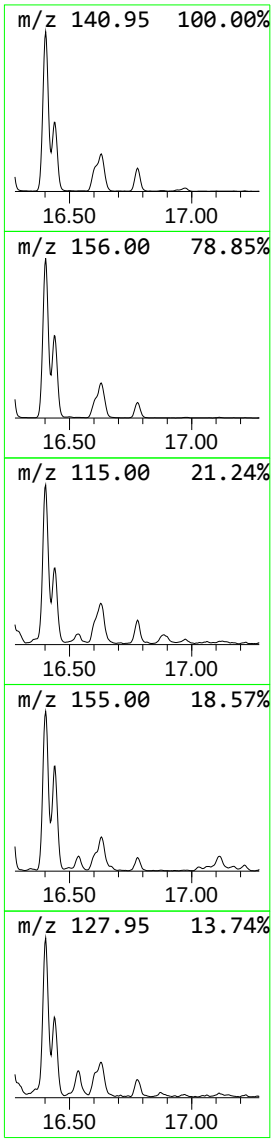
Peak Number 41 Naphthalene, 1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.778	11.12 ug/L	172949	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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

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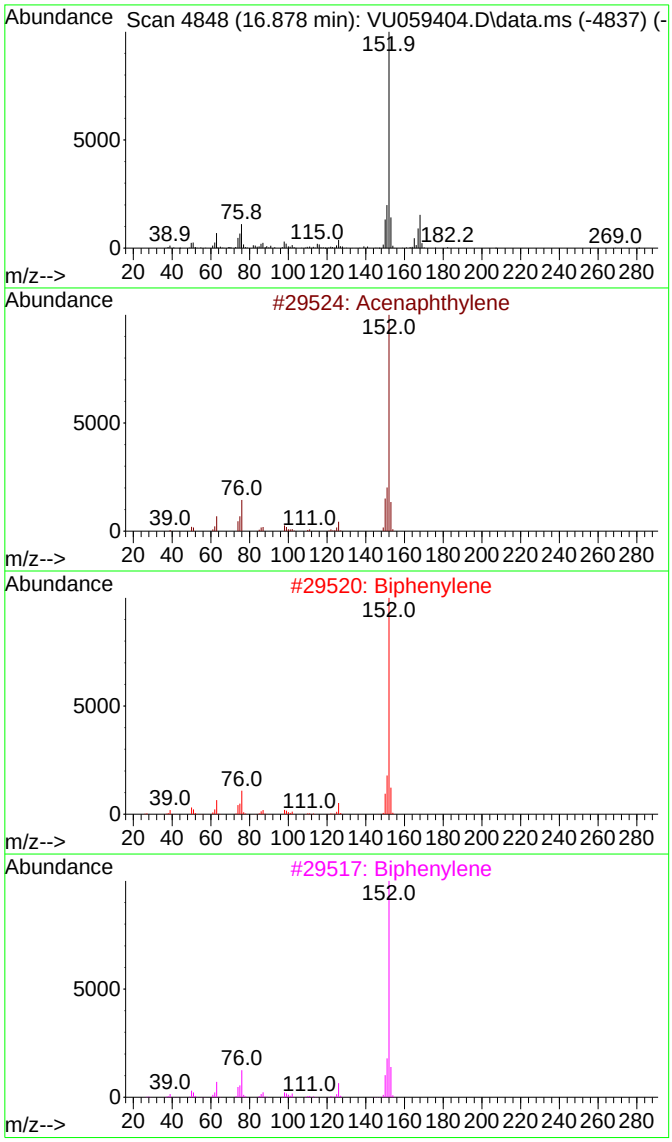
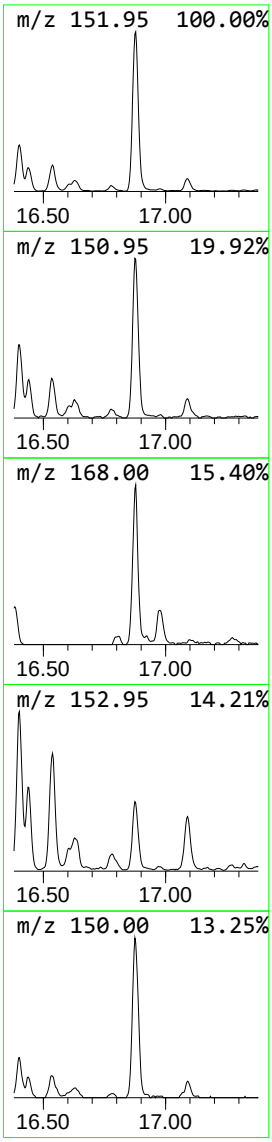
Peak Number 42 Biphenylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.878	25.86 ug/L	402328	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthylene	152	C12H8	000208-96-8	95
2	Biphenylene	152	C12H8	000259-79-0	93
3	Biphenylene	152	C12H8	000259-79-0	81
4	Acenaphthylene	152	C12H8	000208-96-8	76
5	Acenaphthylene	152	C12H8	000208-96-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059404.D
Acq On : 21 Jun 2024 11:39
Operator : MD/SY
Sample : P2856-17 10X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.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
unknown-01	1.801	7.3	ug/L	73293	1	6.242	501308	50.0
(DEL) Alkane: S...	10.248	3.5	ug/L	46625	2	9.412	660861	50.0
Benzene, 1-ethy...	10.994	20.8	ug/L	323896	3	11.807	777889	50.0
Benzene, 1-ethy...	11.290	5.7	ug/L	89009	3	11.807	777889	50.0
(DEL) Alkane: S...	11.412	3.5	ug/L	54894	3	11.807	777889	50.0
Benzene, 1-ethe...	11.531	40.2	ug/L	624824	3	11.807	777889	50.0
Benzene, 1-ethe...	11.582	12.3	ug/L	191414	3	11.807	777889	50.0
Benzene, 1,2,3-...	11.888	13.8	ug/L	214600	3	11.807	777889	50.0
Benzene, 1-prop...	11.946	7.4	ug/L	115577	3	11.807	777889	50.0
Benzene, 1-meth...	12.090	8.3	ug/L	129622	3	11.807	777889	50.0
Indene	12.306	46.3	ug/L	719729	3	11.807	777889	50.0
Benzene, 4-ethy...	12.463	3.3	ug/L	51713	3	11.807	777889	50.0
Benzene, 1-ethe...	12.621	7.1	ug/L	110500	3	11.807	777889	50.0
Benzene, 2-ethe...	12.743	28.1	ug/L	437376	3	11.807	777889	50.0
2,4-Dimethylsty...	12.801	7.3	ug/L	113822	3	11.807	777889	50.0
Benzene, 1,2,4,...	13.023	21.0	ug/L	326062	3	11.807	777889	50.0
Benzene, (2-met...	13.145	20.3	ug/L	315269	3	11.807	777889	50.0
Benzene, 1-meth...	13.441	21.2	ug/L	329962	3	11.807	777889	50.0
2-Methylindene	13.512	49.3	ug/L	766653	3	11.807	777889	50.0
1H-Indene, 1-me...	13.621	56.5	ug/L	878445	3	11.807	777889	50.0
Naphthalene, 1,...	13.720	6.6	ug/L	103021	3	11.807	777889	50.0
Azulene	14.081	1087.6	ug/L	16920000	3	11.807	777889	50.0
1H-Indene, 1,3-...	14.669	10.3	ug/L	160174	3	11.807	777889	50.0
1H-Cyclopropa[b...	14.798	11.4	ug/L	177210	3	11.807	777889	50.0
Benzo[b]thiophe...	15.161	7.1	ug/L	110236	3	11.807	777889	50.0
Naphthalene, 2-...	15.945	33.2	ug/L	516620	3	11.807	777889	50.0
Naphthalene, 1-...	16.138	9.1	ug/L	141194	3	11.807	777889	50.0
Naphthalene, 2,...	16.254	79.9	ug/L	1242430	3	11.807	777889	50.0
Naphthalene, 2,...	16.402	83.4	ug/L	1297110	3	11.807	777889	50.0
Naphthalene, 1,...	16.630	32.9	ug/L	511309	3	11.807	777889	50.0
Naphthalene, 1,...	16.778	11.1	ug/L	172949	3	11.807	777889	50.0
Biphenylene	16.878	25.9	ug/L	402328	3	11.807	777889	50.0