LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

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: VU059406.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.596	86	95	113	rBV	60636	74487	2.26%	0.455%
2	1.773	140	150	163	rVB	15134	22675	0.69%	0.139%
3	1.904	184	191	213	rVB	57117	82037	2.49%	0.501%
4	2.557	383	394	412	rBV	103584	169796	5.15%	1.038%
5	3.036	532	543	562	rVB	25388	49793	1.51%	0.304%
6	3.174	575	586	599	rVV	3019	6878	0.21%	0.042%
7	4.612	1021	1033	1066	rBV	80347	201832	6.12%	1.234%
8	4.895	1117	1121	1130	rVB2	469	533	0.02%	0.003%
9	5.055	1155	1171	1192	rVV	116191	257535	7.81%	1.574%
10	5.714	1357	1376	1396	rBV2	226892	625597	18.98%	3.824%
11	6.242	1527	1540	1563	rBV	302086	582042	17.66%	3.558%
12	6.528	1619	1629	1640	rBV5	3883	7390	0.22%	0.045%
13	6.682	1663	1677	1698	rBV	146703	288160	8.74%	1.761%
14	7.194	1829	1836	1842	rBV5	2022	3211	0.10%	0.020%
15	7.560	1935	1950	1970	rBV	72032	133180	4.04%	0.814%
16	7.705	1988	1995	2003	rBV5	1134	1853	0.06%	0.011%
17	7.891	2040	2053	2072	rBV	259333	455499	13.82%	2.784%
18	8.174	2131	2141	2165	rVV	49977	85656	2.60%	0.524%
19	8.547	2244	2257	2272	rBV	400179	674189	20.46%	4.121%
20	8.628	2272	2282	2316	rVB	202801	389670	11.82%	2.382%
21	9.412	2513	2526	2566	rVV	441904	749595	22.75%	4.582%
22	9.573	2567	2576	2587	rVB2	4184	6929	0.21%	0.042%
23	9.692	2602	2613	2624	rBV	27055	46260	1.40%	0.283%
24	10.023	2710	2716	2725	rBV5	1001	1508	0.05%	0.009%
25	10.100	2730	2740	2757	rBV4	12183	24091	0.73%	0.147%
26	10.245	2776	2785	2799	rBV8	2629	5125	0.16%	0.031%
27	10.351	2808	2818	2826	rBV8	3024	5540	0.17%	0.034%
28	10.390	2826	2830	2841	rVB5	1591	1925	0.06%	0.012%
29	10.444	2842	2847	2851	rBV2	465	494	0.01%	0.003%
30	10.483	2851	2859	2869	rVB4	2345	3277	0.10%	0.020%
31	10.589	2890	2892	2894	rBV3	956	662	0.02%	0.004%
32	10.750	2928	2942	2956	rBV	250498	409563	12.43%	2.503%
33	10.907	2982	2991	2998	rBV2	3791	5984	0.18%	0.037%
34	10.994	3010	3018	3033	rBV	28478	65385	1.98%	0.400%
35	11.084	3039	3046	3070	rVB2	32159	73232	2.22%	0.448%
36	11.209	3082	3085	3088	rVB3	861	638	0.02%	0.004%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

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	11.232	3088	3092	3101	rBV3	806	1136	0.03%	0.007%
38	11.290	3101	3110	3115	rBV	8953	15741	0.48%	0.096%
39	11.370	3129	3135	3139	rBV5	1533	1679	0.05%	0.010%
40	11.409	3141	3147	3153	rVV3	6407	9300	0.28%	0.057%
41	11.463	3154	3164	3176	rVV	87601	141009	4.28%	0.862%
42	11.534	3176	3186	3195	rVV	74726	118216	3.59%	0.723%
43	11.586	3196	3202	3213	rVV	21970	36420	1.11%	0.223%
44	11.640	3214	3219	3228	rVV9	3676	5381	0.16%	0.033%
45	11.705	3232	3239	3244	rBV2	3979	5908	0.18%	0.036%
46	11.740	3247	3250	3259	rVB5	4811	5492	0.17%	0.034%
47	11.807	3259	3271	3287	rBV	475385	788213	23.92%	4.818%
48	11.891	3290	3297	3308	rVV	27369	45269	1.37%	0.277%
49	11.949	3308	3315	3324	rVB2	14410	21428	0.65%	0.131%
50	12.090	3345	3359	3365	rBV4	14376	25602	0.78%	0.156%
51	12.187	3377	3389	3406	rBV	323839	537794	16.32%	3.287%
52	12.309	3418	3427	3441	rVB	73995	128319	3.89%	0.784%
53	12.463	3467	3475	3477	rBV2	6829	8007	0.24%	0.049%
54	12.541	3492	3499	3501	rBV5	7431	8791	0.27%	0.054%
55	12.624	3515	3525	3534	rBV4	10356	18588	0.56%	0.114%
56	12.743	3553	3562	3574	rVB	49196	74748	2.27%	0.457%
57	12.807	3575	3582	3591	rVB2	11300	16699	0.51%	0.102%
58	12.872	3595	3602	3610	rBV7	3051	3903	0.12%	0.024%
59	12.923	3610	3618	3619	rBV5	1819	2176	0.07%	0.013%
60	12.965	3625	3631	3640	rVB2	10586	14181	0.43%	0.087%
61	13.023	3640	3649	3663	rBV2	24054	55463	1.68%	0.339%
62	13.087	3665	3669	3677	rVB6	4333	5044	0.15%	0.031%
63	13.148	3678	3688	3698	rBV2	30139	54442	1.65%	0.333%
64	13.287	3723	3731	3741	rVB3	9890	14621	0.44%	0.089%
65	13.351	3745	3751	3755	rBV5	2042	2437	0.07%	0.015%
66	13.386	3757	3762	3766	rBV5	3976	4283	0.13%	0.026%
67	13.444	3768	3780	3792	rVB4	28773	61339	1.86%	0.375%
68	13.515	3792	3802	3814	rBV	73809	112206	3.40%	0.686%
69	13.624	3820	3836	3848	rVB2	75677	138515	4.20%	0.847%
70	13.724	3860	3867	3874	rVB4	11731	16587	0.50%	0.101%
71	13.830	3895	3900	3906	rBV7	3090	4148	0.13%	0.025%
72	13.894	3916	3920	3929	rVB8	2277	2778	0.08%	0.017%
73	14.081	3965	3978	4004	rBV	2085019	3295542	100.00%	20.144%
74	14.344	4058	4060	4064	rVB4	835	572	0.02%	0.003%
75	14.373	4065	4069	4071	rBV4	854	710	0.02%	0.004%
76	14.412	4075	4081	4085	rVV7	4459	5288	0.16%	0.032%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
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Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

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	14.444	4085	4091	4098	rVV3	9646	13393	0.41%	0.082%
78	14.566	4121	4129	4137	rVB10	8161	14932	0.45%	0.091%
79	14.614	4139	4144	4151	rVB3	6210	8205	0.25%	0.050%
80	14.672	4153	4162	4171	rBV3	18479	30144	0.91%	0.184%
81	14.801	4193	4202	4218	rVB5	17042	34475	1.05%	0.211%
82	14.920	4234	4239	4247	rVB6	7681	11090	0.34%	0.068%
83	14.997	4259	4263	4265	rBV5	2500	2115	0.06%	0.013%
84	15.068	4278	4285	4299	rVB4	12831	21859	0.66%	0.134%
85	15.161	4305	4314	4320	rBV	14662	21731	0.66%	0.133%
86	15.216	4320	4331	4353	rVB	1427797	2203401	66.86%	13.468%
87	15.331	4360	4367	4375	rBV	11935	16432	0.50%	0.100%
88	15.402	4377	4389	4406	rVV	769211	1228614	37.28%	7.510%
89	15.675	4472	4474	4475	rBV2	1383	622	0.02%	0.004%
90	15.849	4523	4528	4536	rVB10	2536	3549	0.11%	0.022%
91	15.949	4548	4559	4569	rBV	99817	161757	4.91%	0.989%
92	16.142	4602	4619	4626	rBV2	41983	76857	2.33%	0.470%
93	16.257	4644	4655	4676	rBV	156603	302149	9.17%	1.847%
94	16.402	4690	4700	4707	rBV	205295	329773	10.01%	2.016%
95	16.537	4732	4742	4754	rBV	56721	94026	2.85%	0.575%
96	16.630	4755	4771	4791	rVB2	55781	144305	4.38%	0.882%
97	16.782	4809	4818	4832	rVB3	32566	56058	1.70%	0.343%
98	16.878	4838	4848	4862	rBV2	127041	214292	6.50%	1.310%
99	16.978	4873	4879	4889	rVB5	13207	21255	0.64%	0.130%
100	17.090	4909	4914	4929	rVB2	14576	28814	0.87%	0.176%

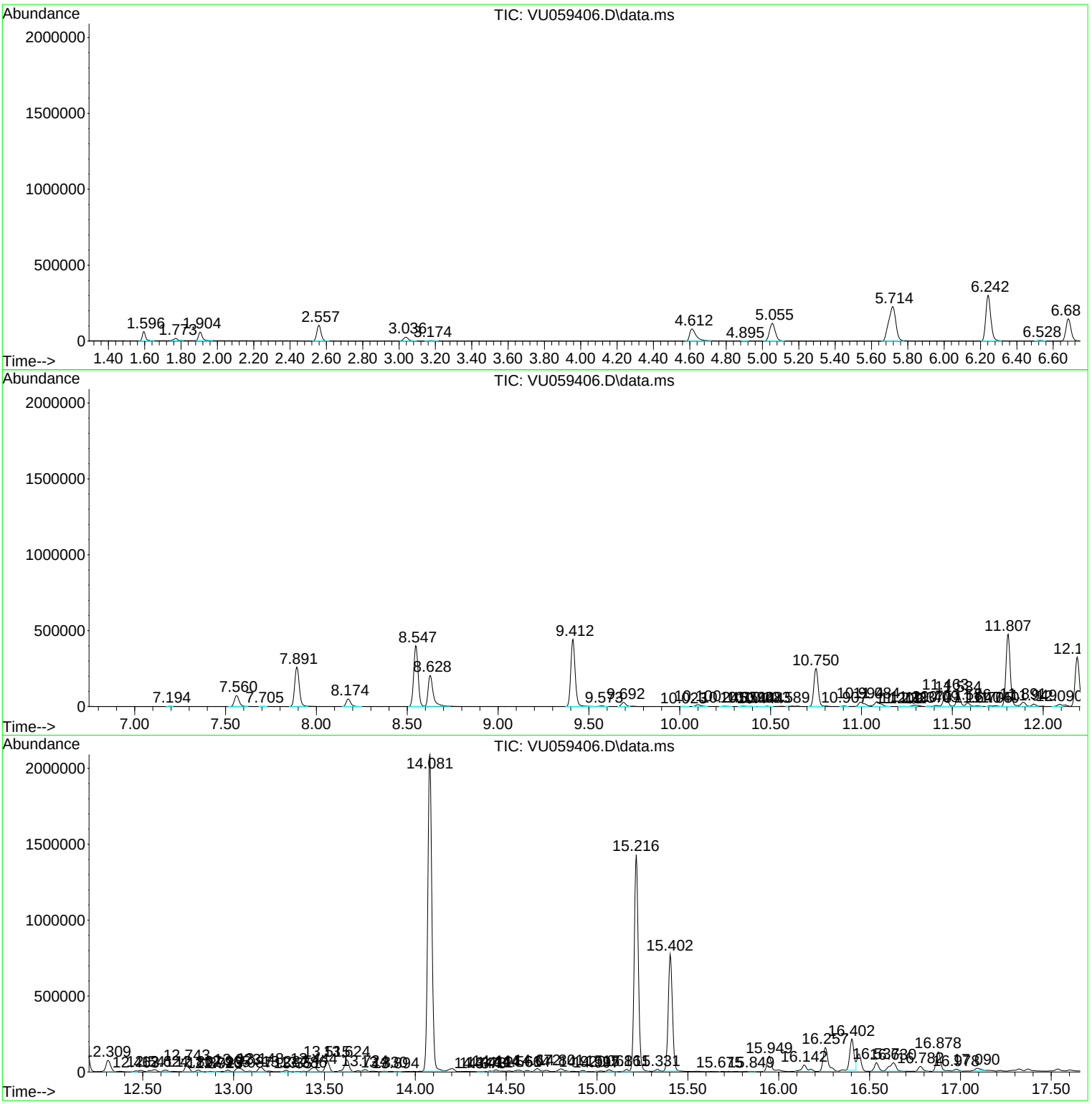
Sum of corrected areas: 16360044

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

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 : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

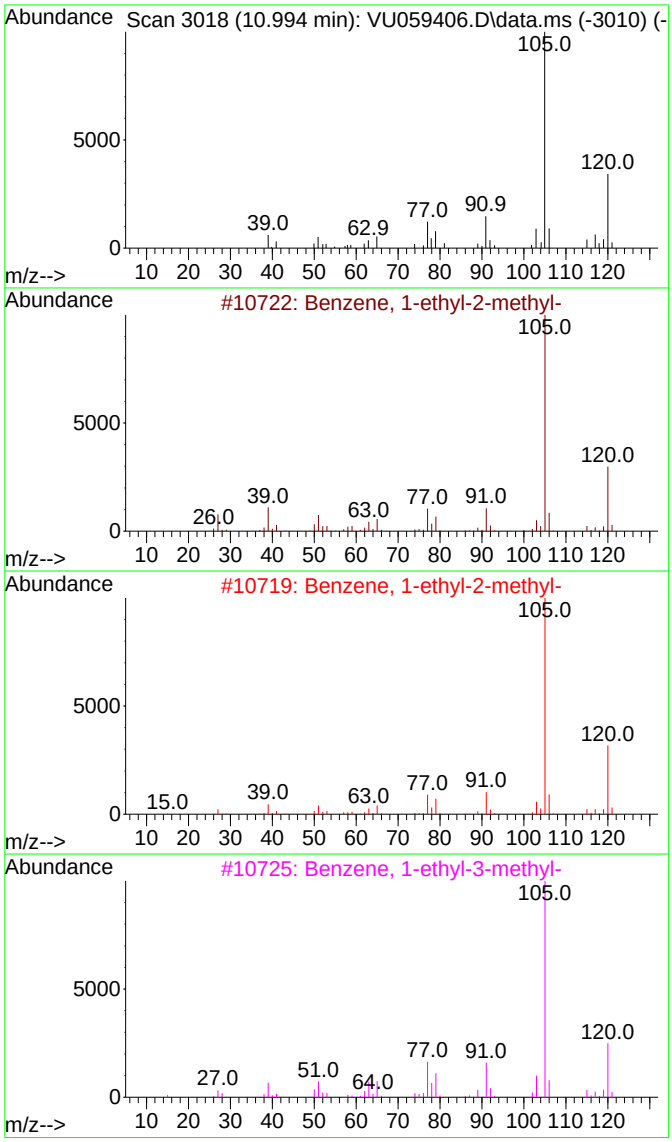
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

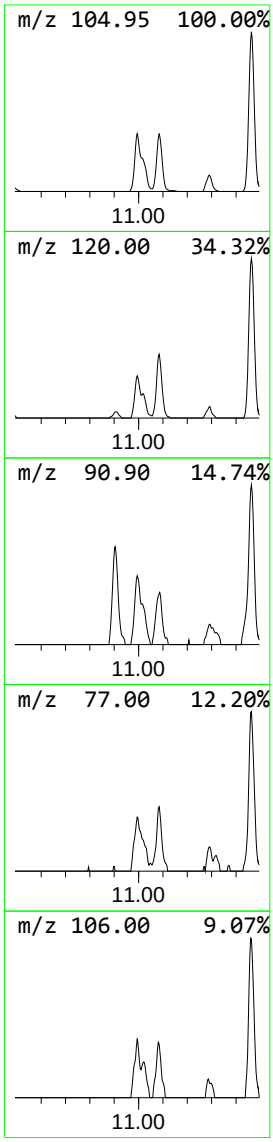
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.994	4.15 ug/L	65385	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	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

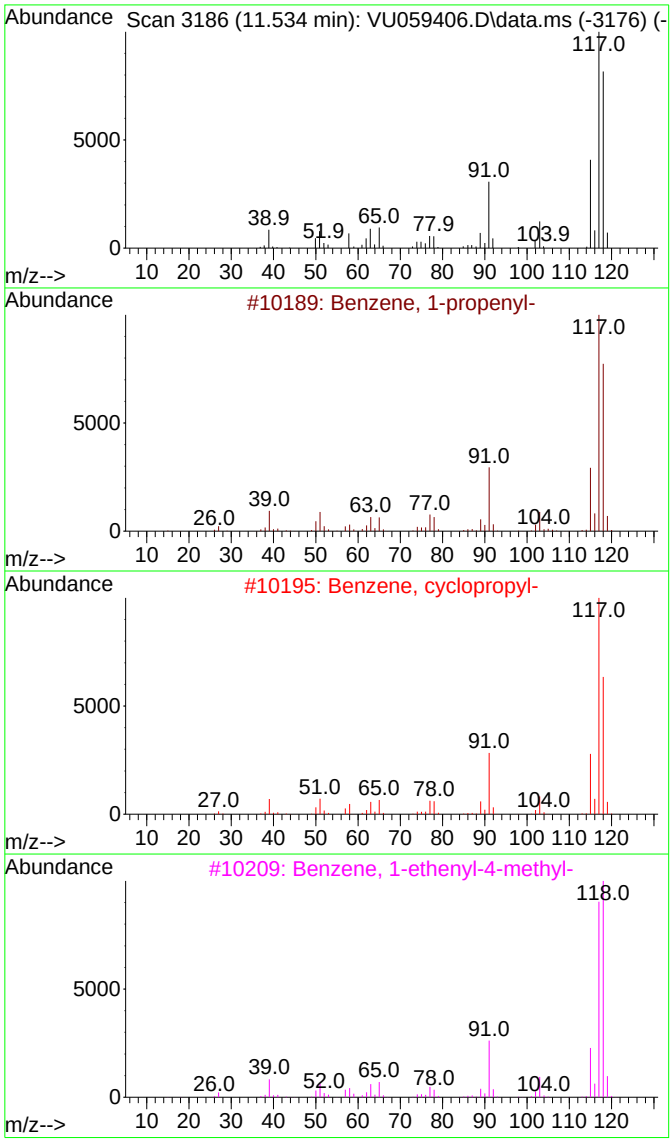
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

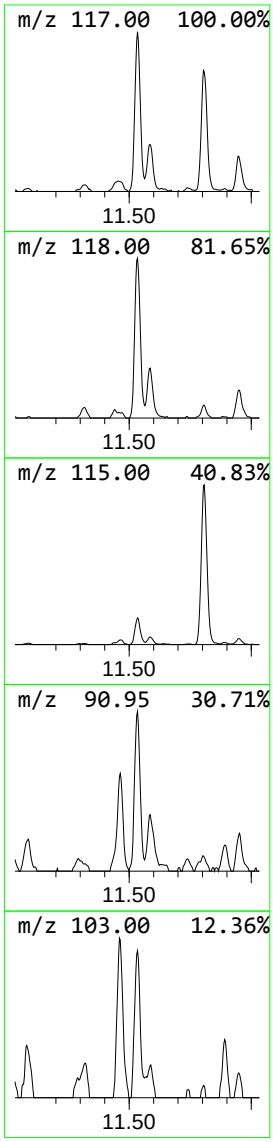
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-propenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.534	7.50 ug/L	118216	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

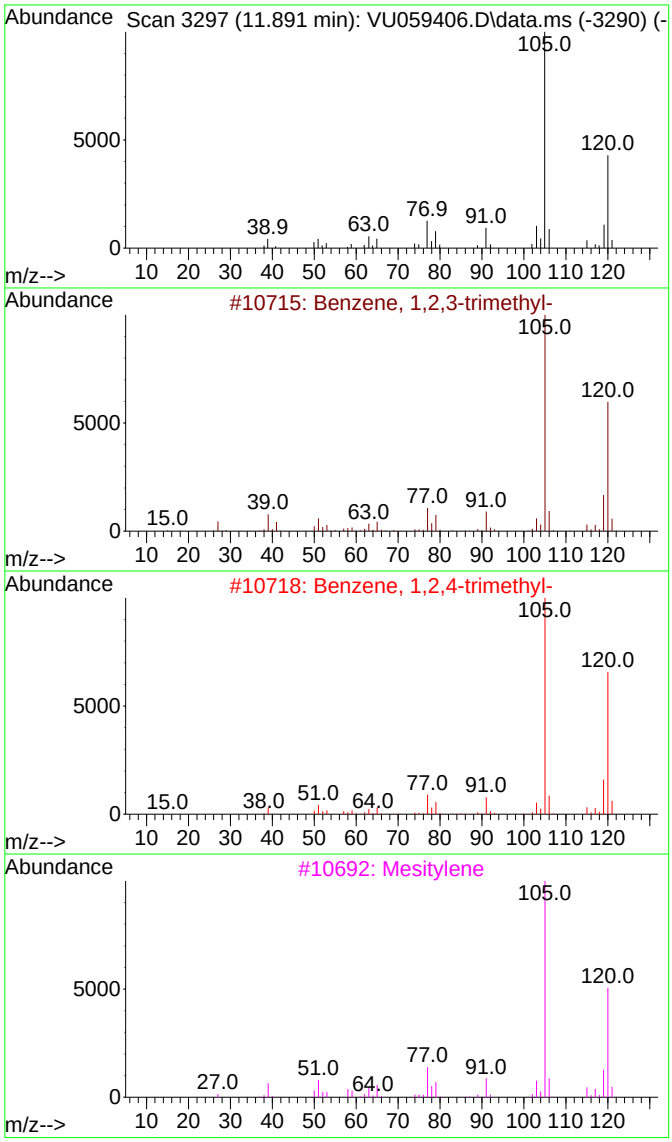
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

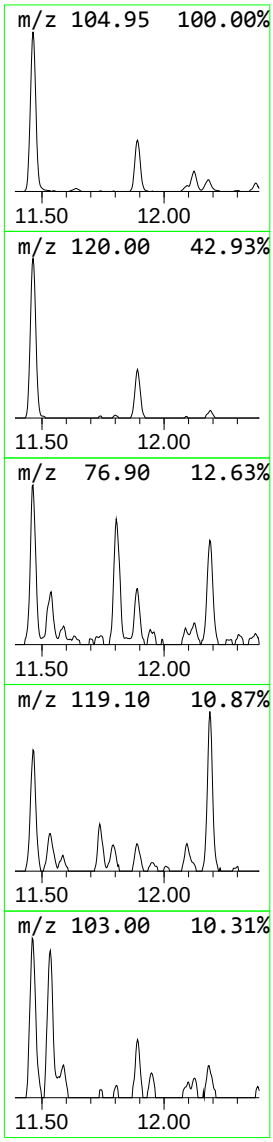
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.891	2.87 ug/L	45269	1,4-Dichlorobenzene-d4	11.807

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

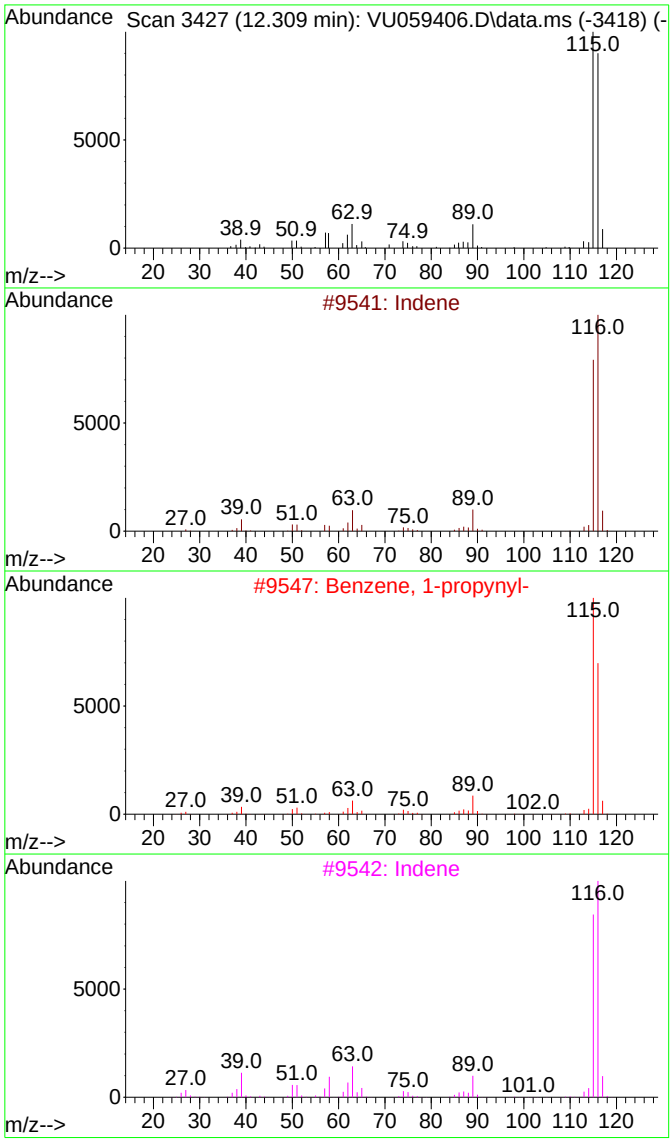
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

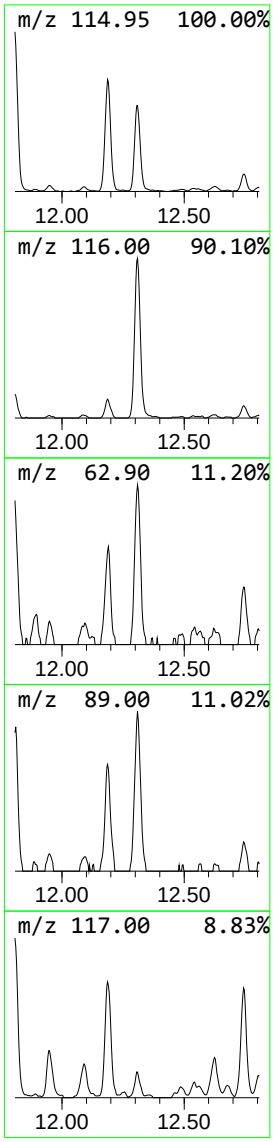
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.309	8.14 ug/L	128319	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Indene	116	C9H8	000095-13-6	93
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

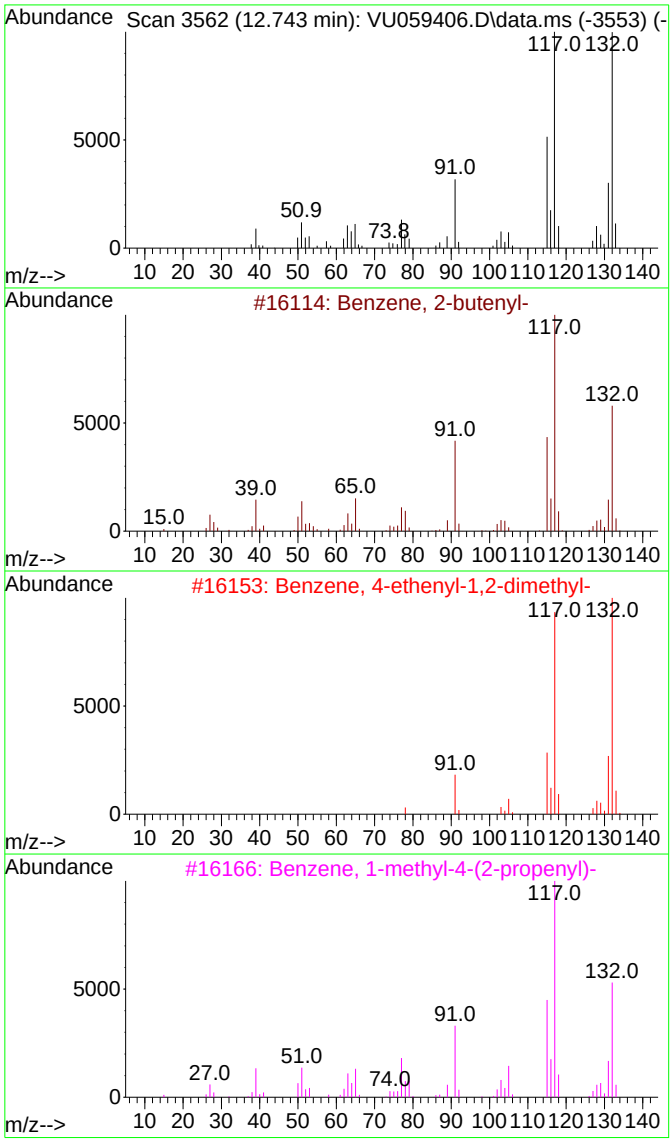
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

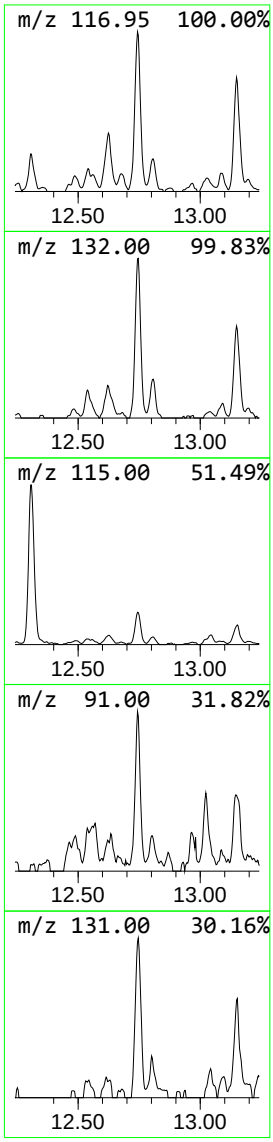
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-butenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.743	4.74 ug/L	74748	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	95
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	94
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

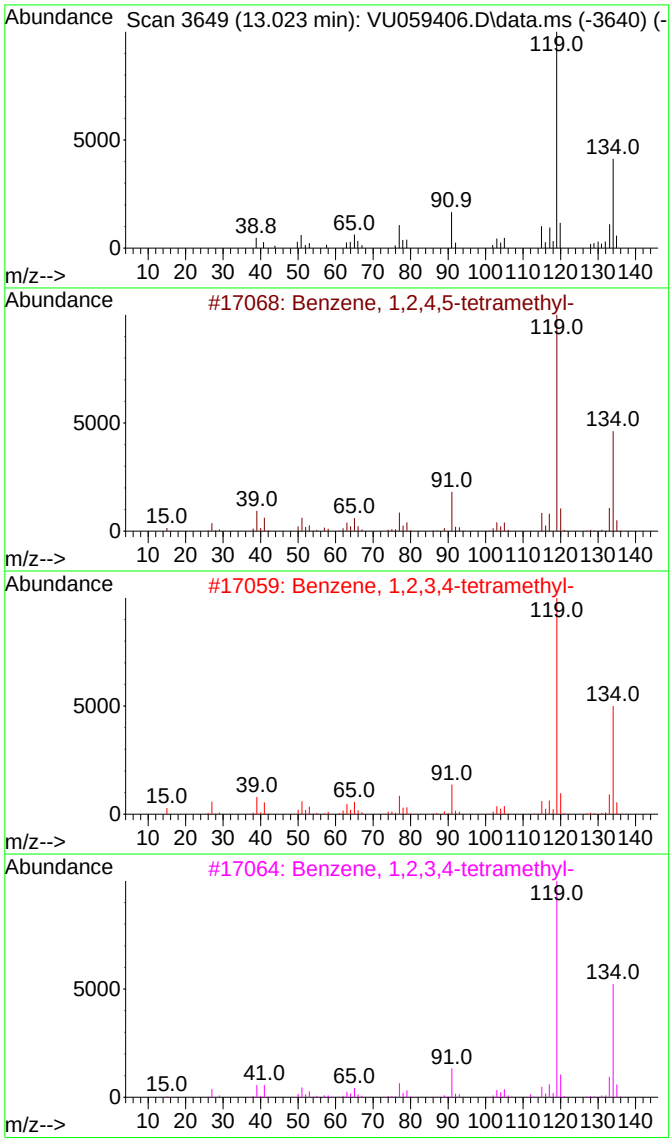
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

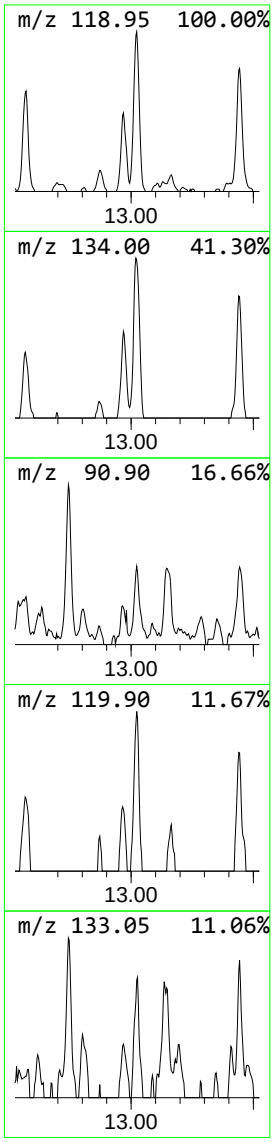
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.023	3.52 ug/L	55463	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	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

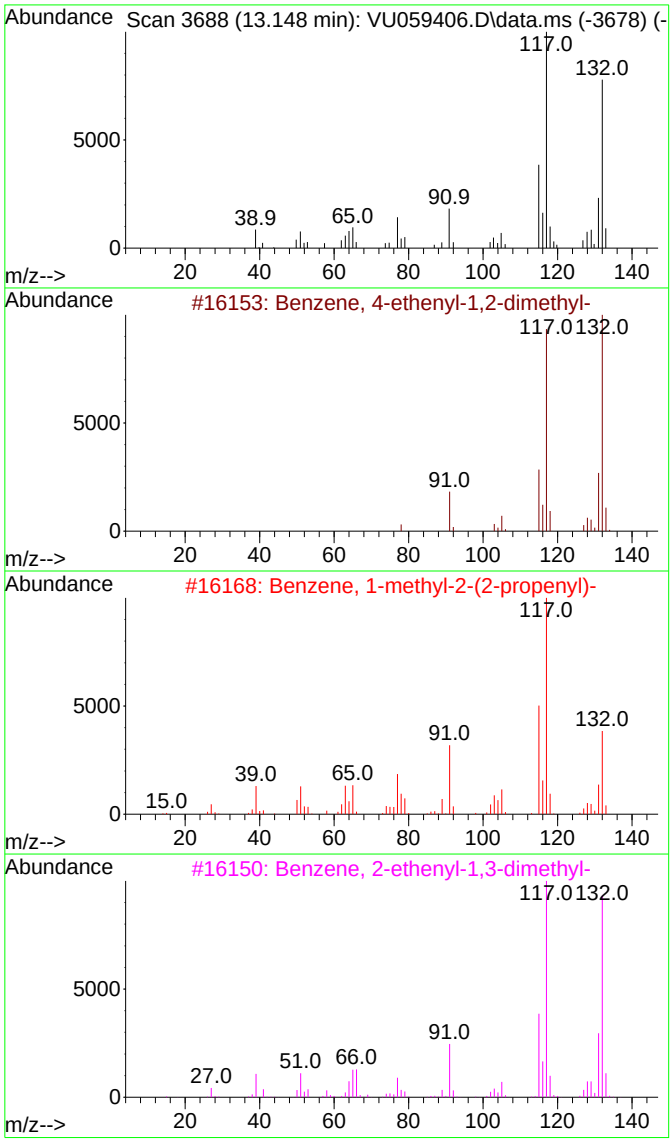
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

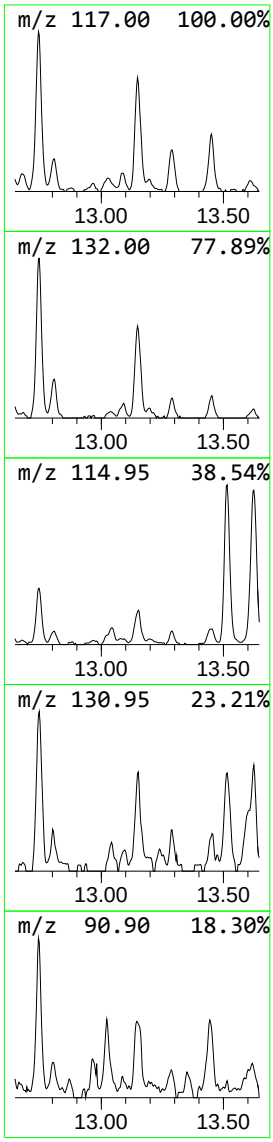
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.148	3.45 ug/L	54442	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

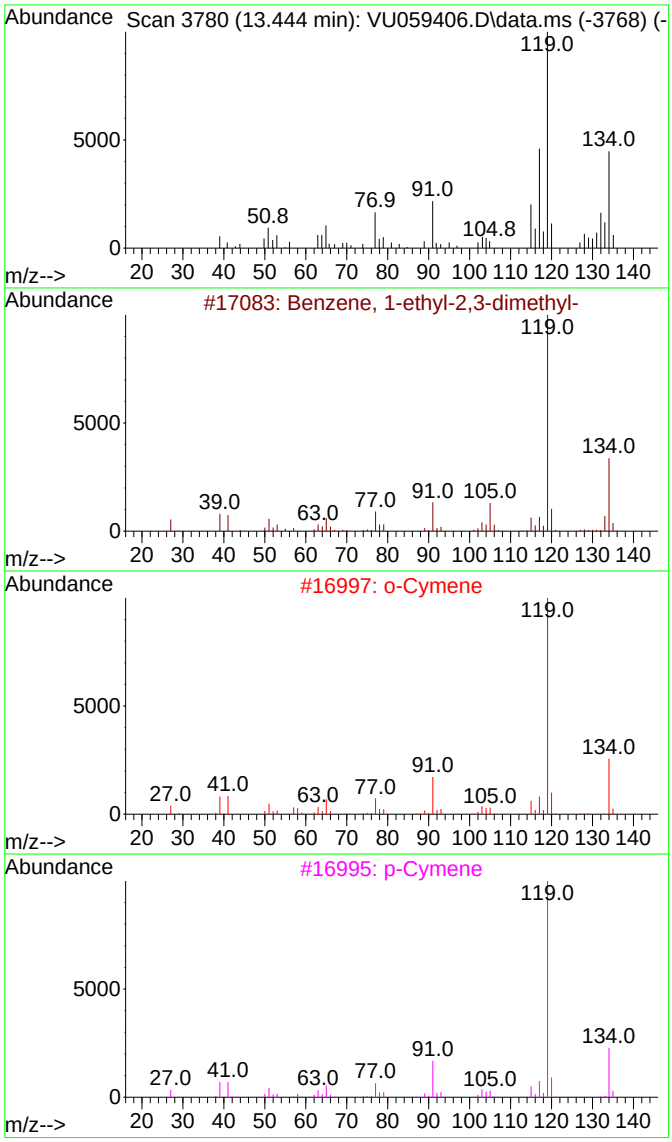
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

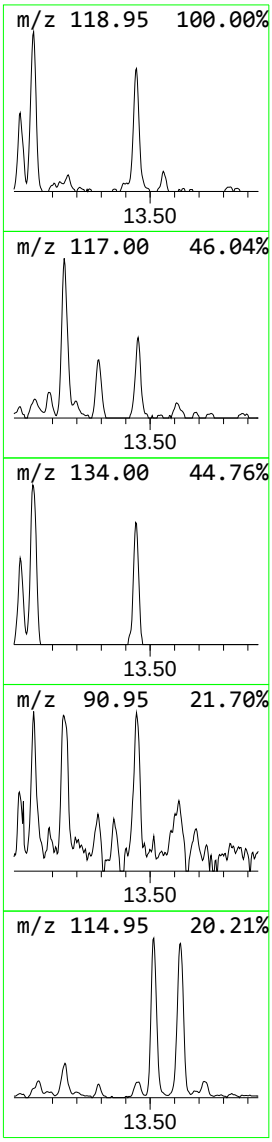
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	3.89 ug/L	61339	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
2	o-Cymene	134	C10H14	000527-84-4	64
3	p-Cymene	134	C10H14	000099-87-6	64
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

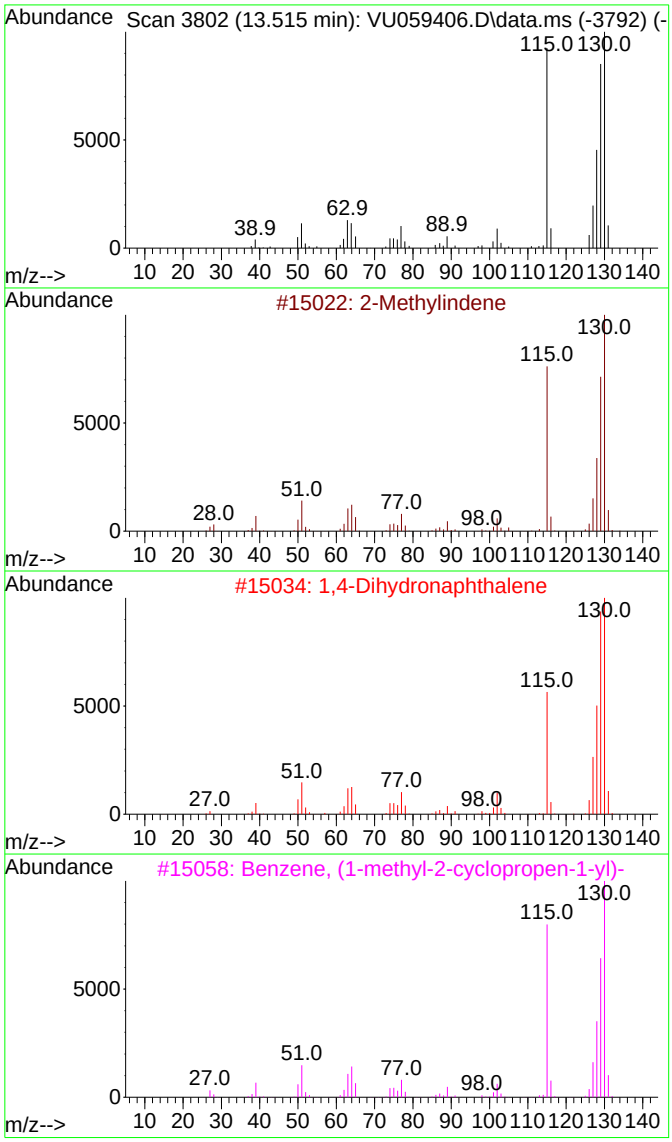
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

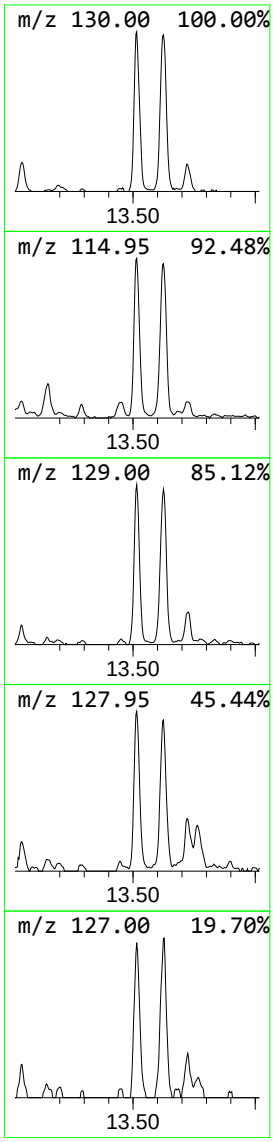
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Methylindene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.515	7.12 ug/L	112206	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

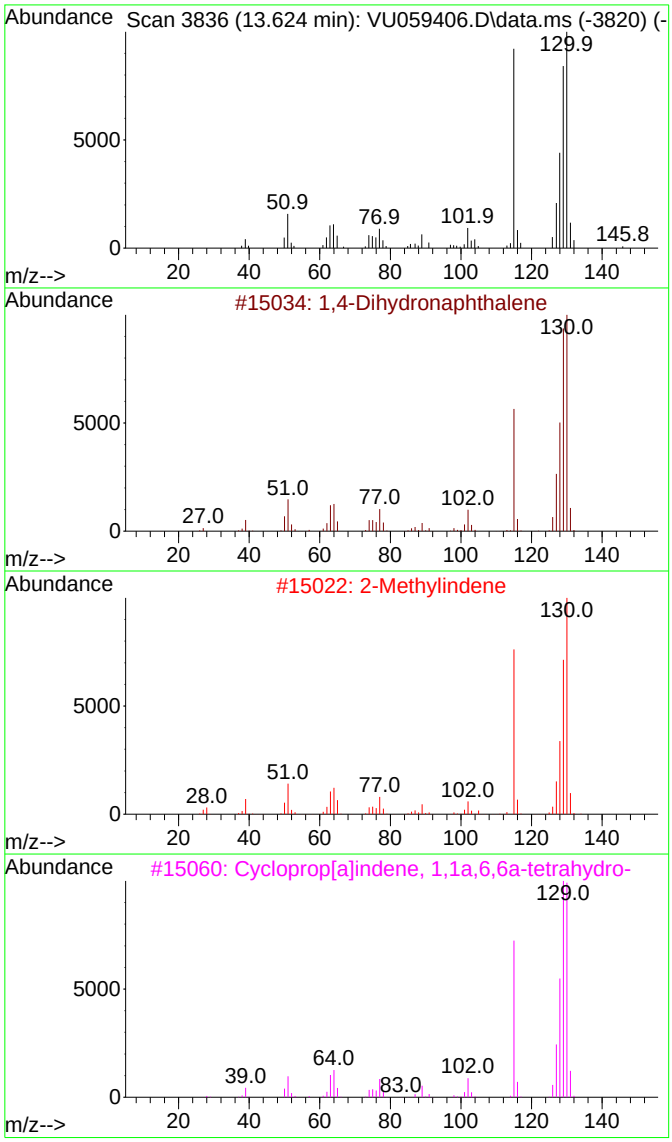
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

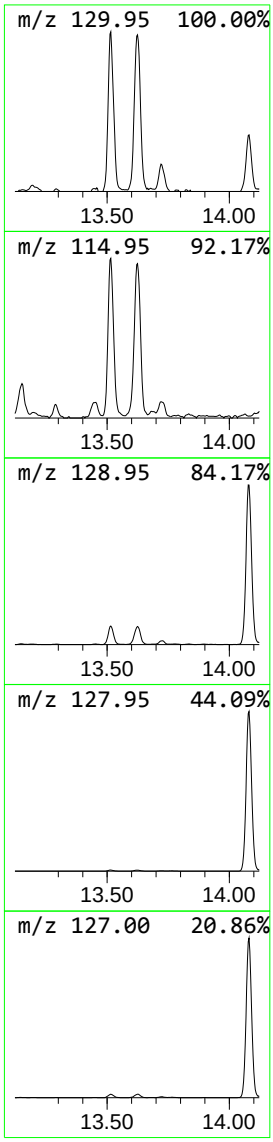
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,4-Dihydronaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.624	8.79 ug/L	138515	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2	2-Methylindene	130	C10H10	002177-47-1	95
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 : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

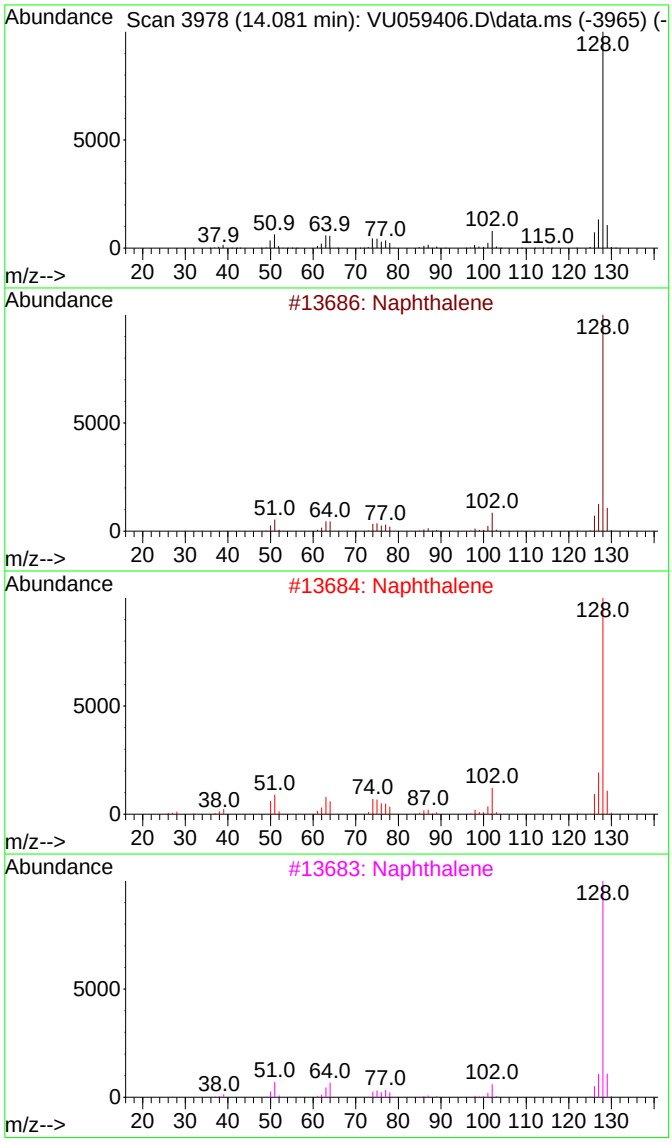
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

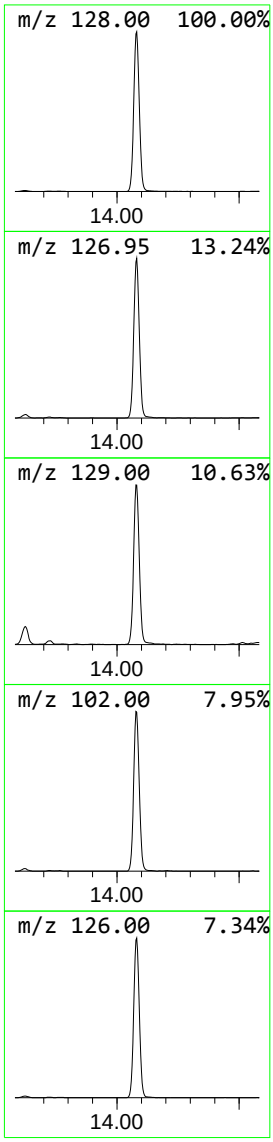
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	209.05 ug/L	3295540	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 : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

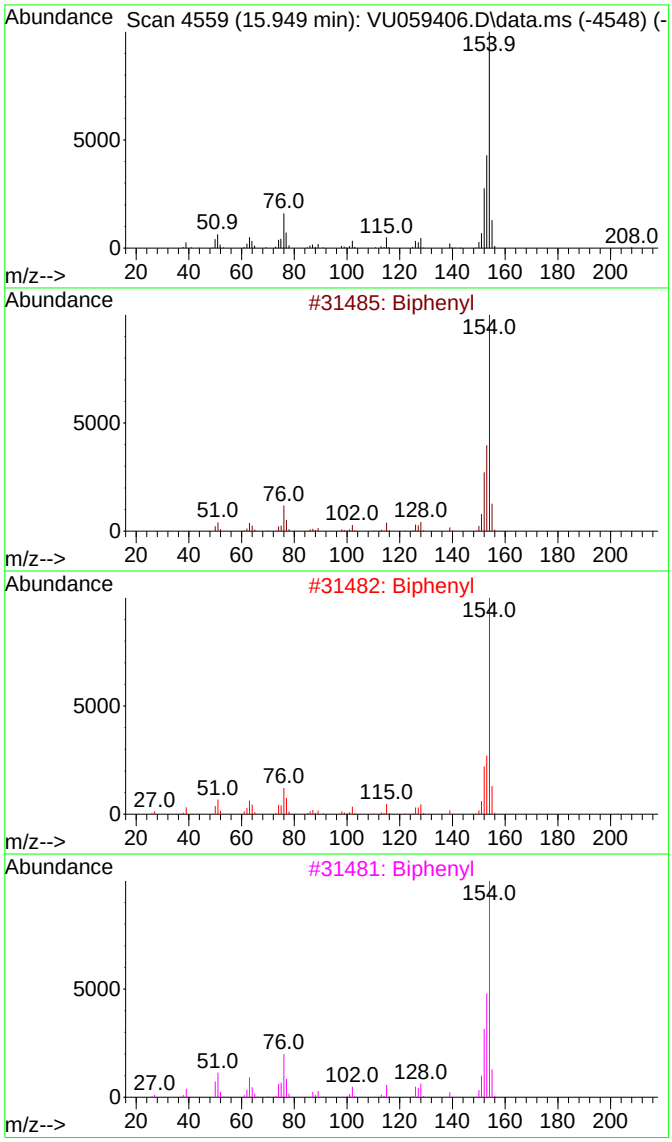
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

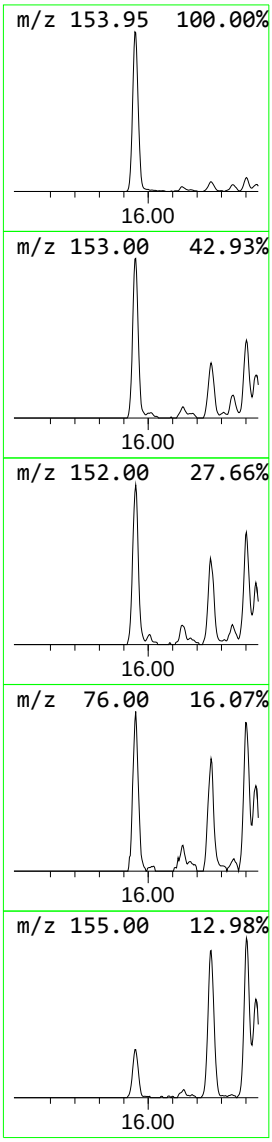
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2-ethenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.949	10.26 ug/L	161757	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	Biphenyl	154	C12H10	000092-52-4	87
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	81
5	Biphenyl	154	C12H10	000092-52-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

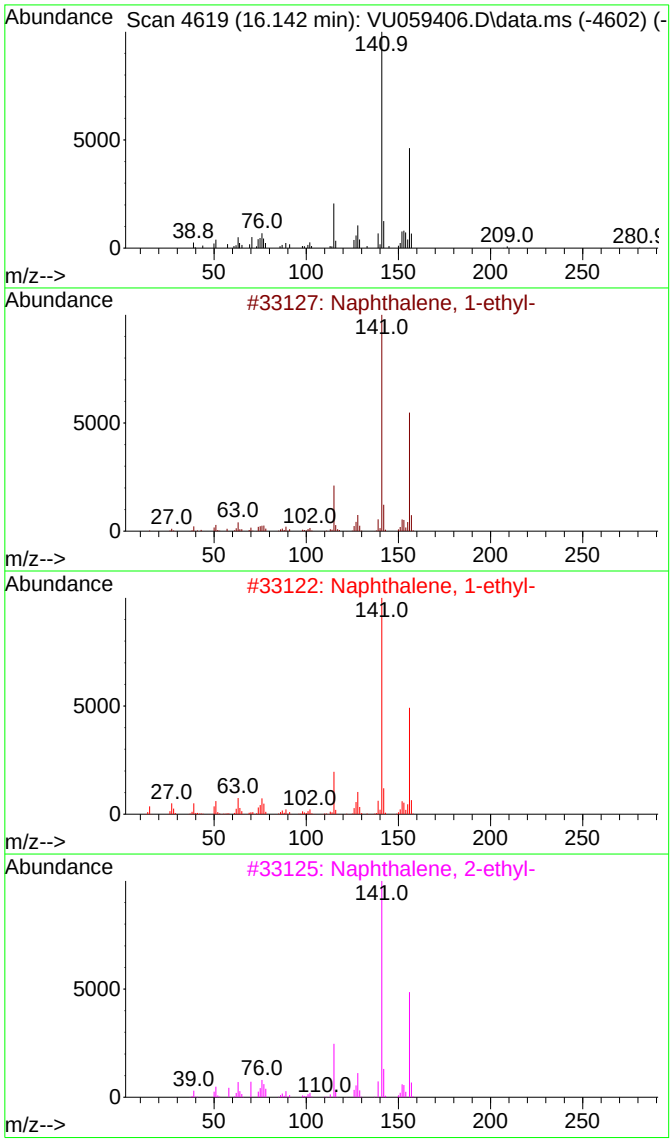
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

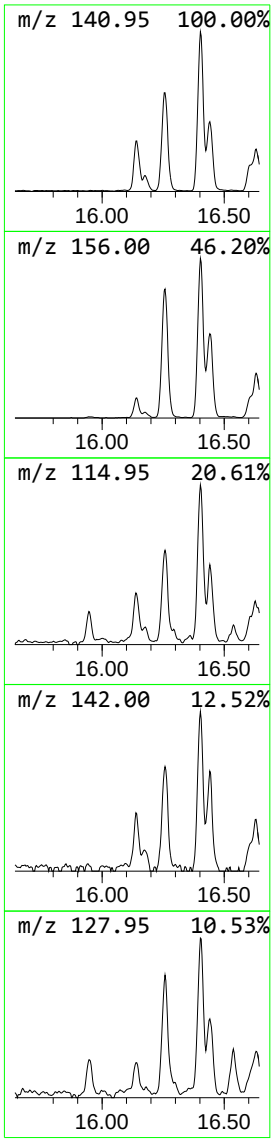
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.142	4.88 ug/L	76857	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	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

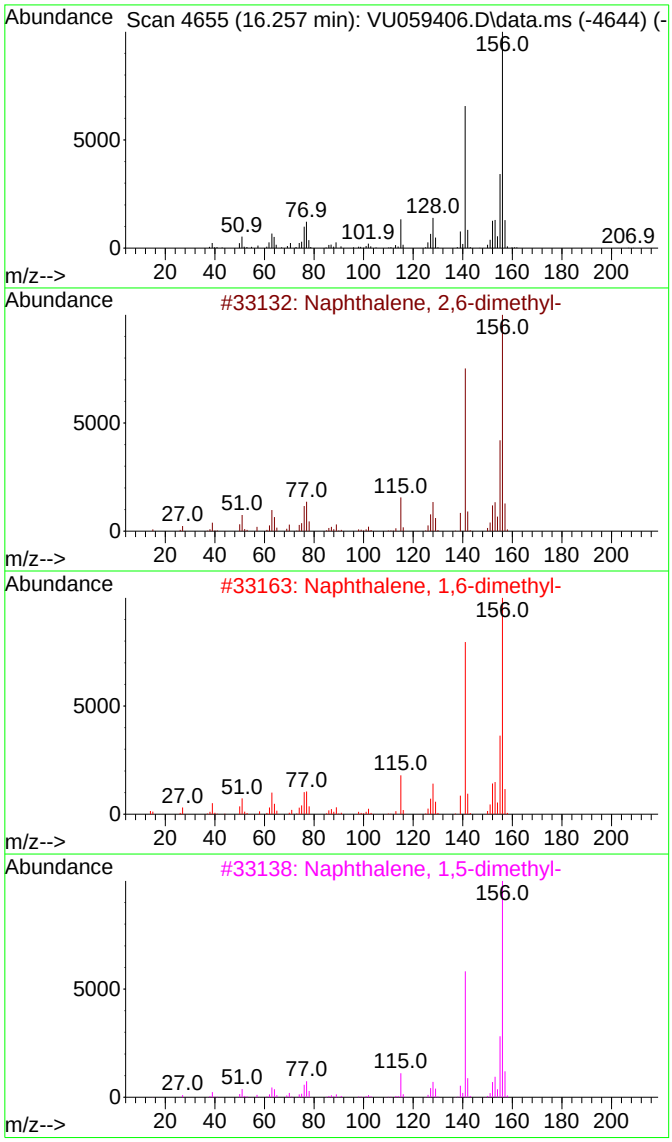
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

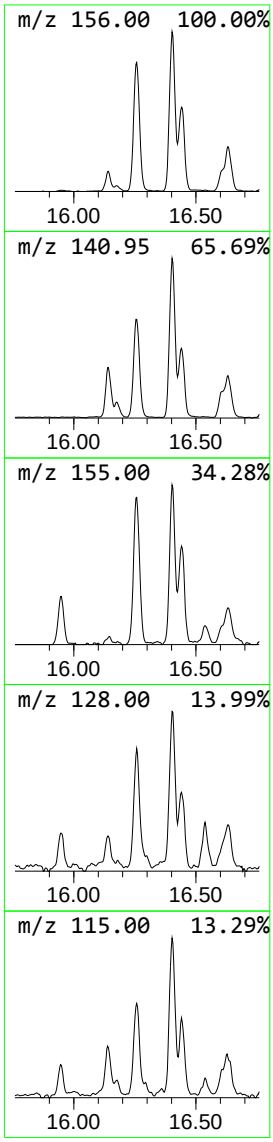
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.258	19.17 ug/L	302149	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	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 : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

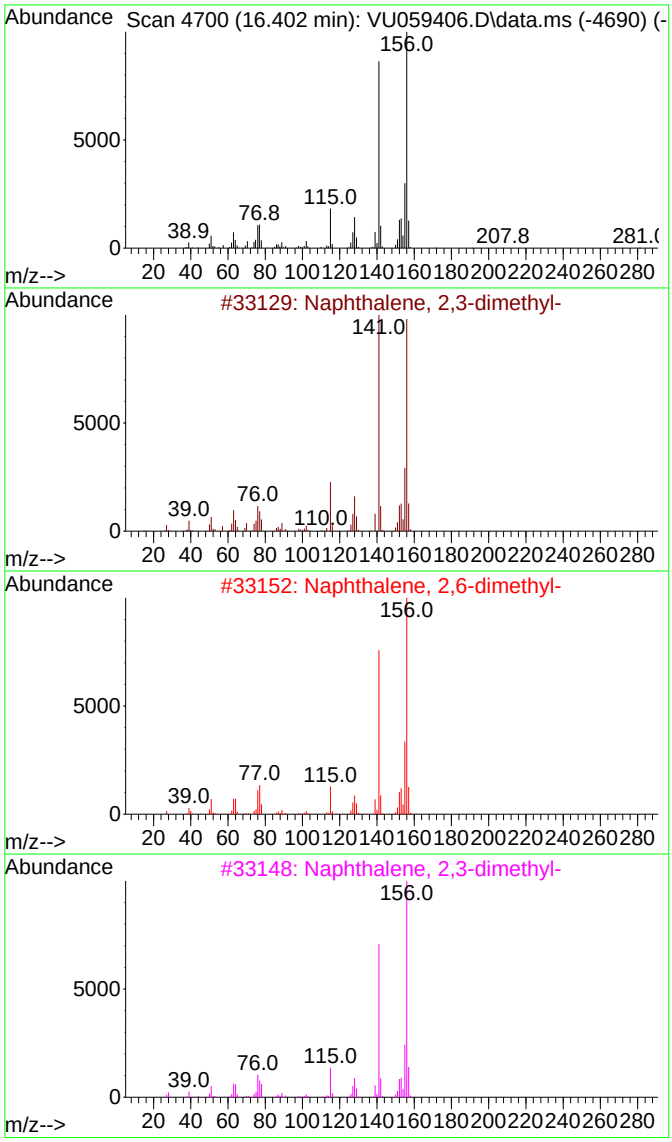
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

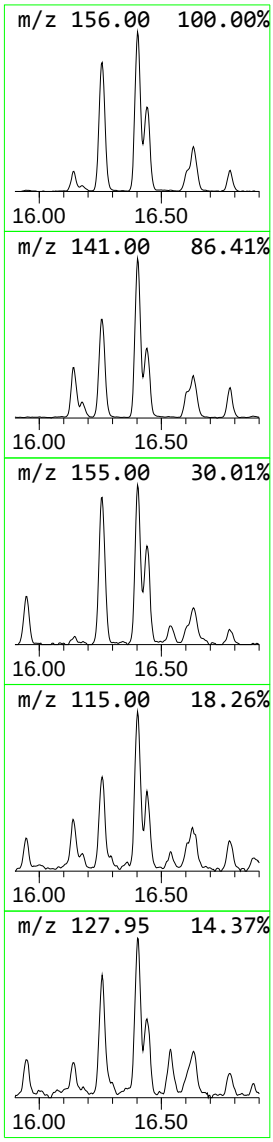
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.402	20.92 ug/L	329773	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	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

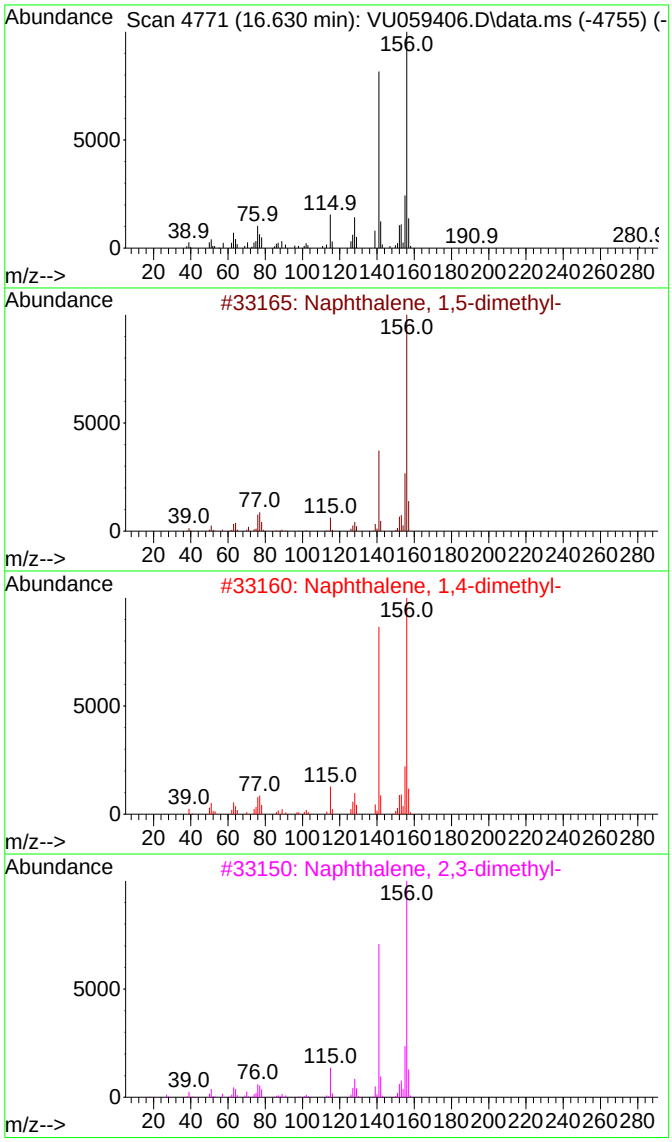
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

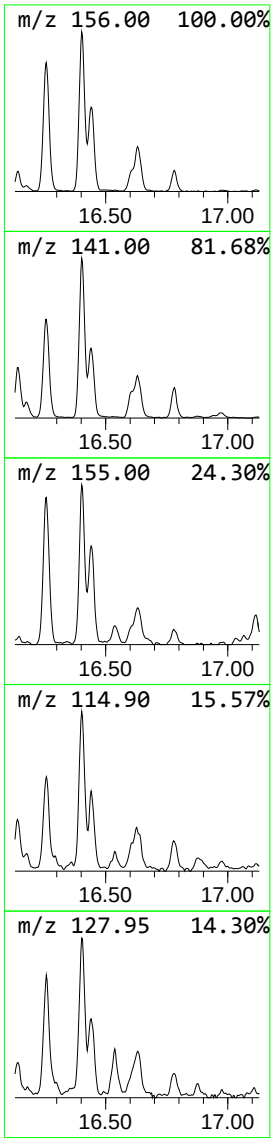
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.630	9.15 ug/L	144305	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

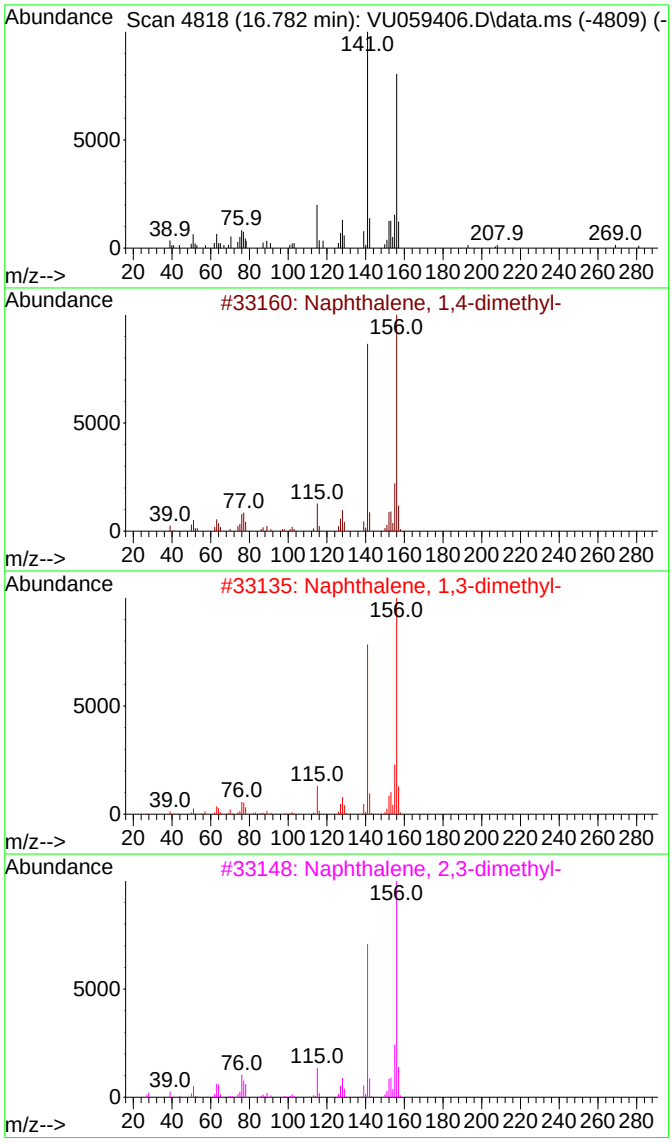
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

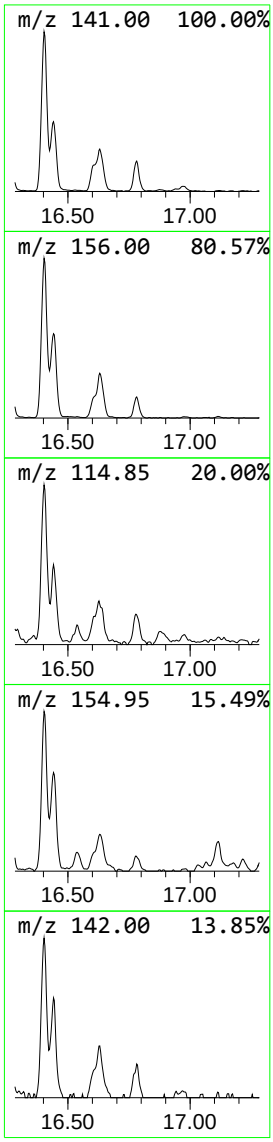
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.782	3.56 ug/L	56058	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

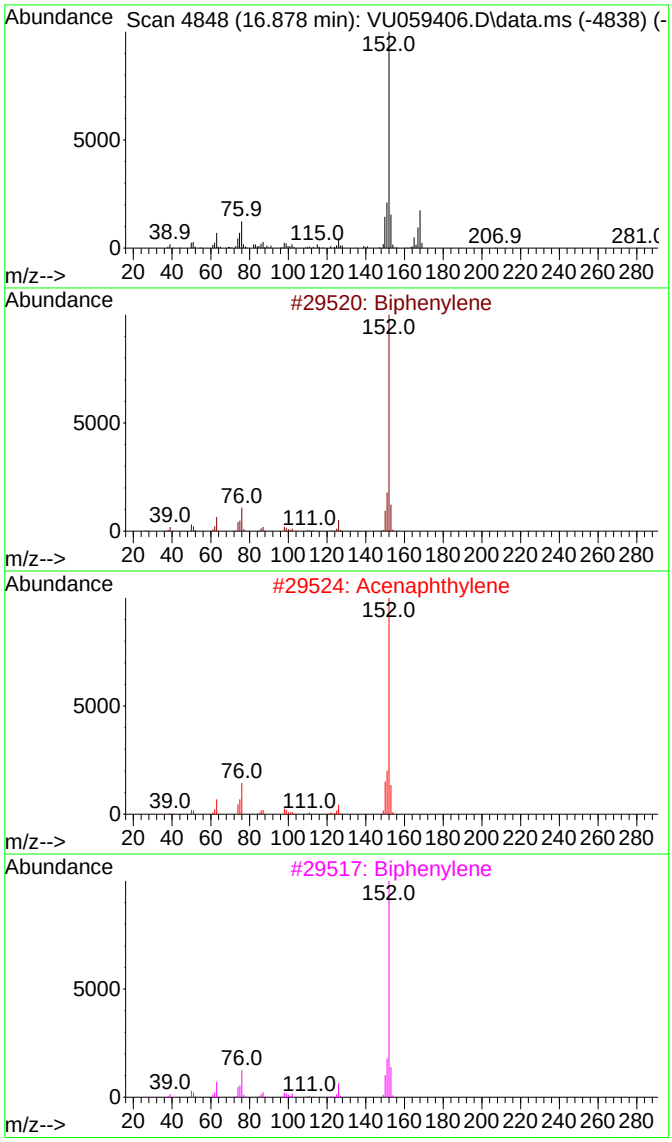
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

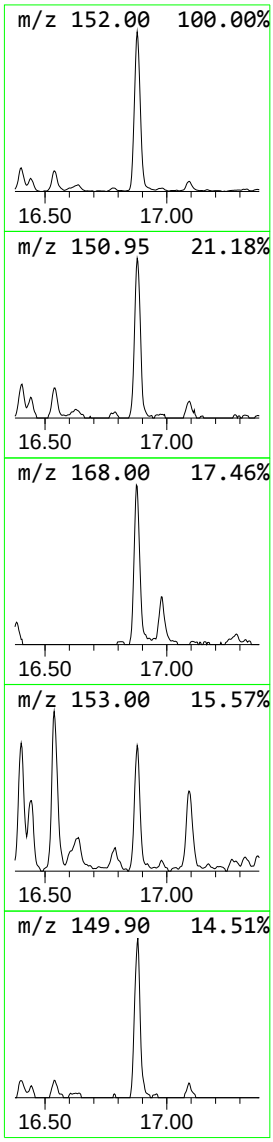
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Biphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.878	13.59 ug/L	214292	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	95
2	Acenaphthylene	152	C12H8	000208-96-8	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 : VU059406.D
Acq On : 21 Jun 2024 12:23
Operator : MD/SY
Sample : P2856-17DL 50X
Misc : 2.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ2DL

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
Benzene, 1-ethy...	10.994	4.2	ug/L	65385	3	11.807	788213	50.0
Benzene, 1-prop...	11.534	7.5	ug/L	118216	3	11.807	788213	50.0
Benzene, 1,2,3-...	11.891	2.9	ug/L	45269	3	11.807	788213	50.0
Indene	12.309	8.1	ug/L	128319	3	11.807	788213	50.0
Benzene, 2-bute...	12.743	4.7	ug/L	74748	3	11.807	788213	50.0
Benzene, 1,2,4,...	13.023	3.5	ug/L	55463	3	11.807	788213	50.0
Benzene, 4-ethe...	13.148	3.5	ug/L	54442	3	11.807	788213	50.0
Benzene, 1-ethy...	13.444	3.9	ug/L	61339	3	11.807	788213	50.0
2-Methylindene	13.515	7.1	ug/L	112206	3	11.807	788213	50.0
1,4-Dihydronaph...	13.624	8.8	ug/L	138515	3	11.807	788213	50.0
Azulene	14.081	209.1	ug/L	3295540	3	11.807	788213	50.0
Naphthalene, 2-...	15.949	10.3	ug/L	161757	3	11.807	788213	50.0
Naphthalene, 1-...	16.142	4.9	ug/L	76857	3	11.807	788213	50.0
Naphthalene, 2,...	16.258	19.2	ug/L	302149	3	11.807	788213	50.0
Naphthalene, 2,...	16.402	20.9	ug/L	329773	3	11.807	788213	50.0
Naphthalene, 1,...	16.630	9.2	ug/L	144305	3	11.807	788213	50.0
Naphthalene, 1,...	16.782	3.6	ug/L	56058	3	11.807	788213	50.0
Biphenylene	16.878	13.6	ug/L	214292	3	11.807	788213	50.0