LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

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: VU059452.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	109	rVB	45136	55362	0.27%	0.107%
2	1.801	138	159	172	rBV5	35147	94424	0.46%	0.182%
3	1.895	181	188	209	rVB	42049	64157	0.31%	0.124%
4	2.557	382	394	411	rBV	80661	133093	0.64%	0.257%
5	2.673	423	430	432	rBV2	316	423	0.00%	0.001%
6	3.033	535	542	553	rVB6	2328	4189	0.02%	0.008%
7	3.174	574	586	602	rBV	6522	13297	0.06%	0.026%
8	4.187	897	901	903	rBV	385	334	0.00%	0.001%
9	4.612	1023	1033	1065	rBV2	69737	175457	0.85%	0.339%
10	5.052	1154	1170	1204	rVB2	95515	215782	1.04%	0.417%
11	5.171	1204	1207	1210	rBV2	502	356	0.00%	0.001%
12	5.493	1303	1307	1315	rVB2	275	332	0.00%	0.001%
13	5.714	1356	1376	1400	rBV2	183899	510140	2.46%	0.985%
14	5.869	1421	1424	1430	rBV3	302	314	0.00%	0.001%
15	6.155	1506	1513	1519	rBV2	207	364	0.00%	0.001%
16	6.242	1525	1540	1576	rBV	278352	537362	2.60%	1.038%
17	6.525	1618	1628	1640	rBV8	3119	5674	0.03%	0.011%
18	6.602	1649	1652	1657	rVV2	508	353	0.00%	0.001%
19	6.682	1664	1677	1701	rBV	121524	241865	1.17%	0.467%
20	6.846	1725	1728	1733	rBV3	314	314	0.00%	0.001%
21	7.190	1828	1835	1838	rBV2	2070	2314	0.01%	0.004%
22	7.422	1900	1907	1909	rBV2	261	309	0.00%	0.001%
23	7.560	1936	1950	1965	rBV	57555	105512	0.51%	0.204%
24	7.705	1988	1995	2000	rBV4	1268	1833	0.01%	0.004%
25	7.891	2042	2053	2066	rBV	203981	353506	1.71%	0.683%
26	7.965	2067	2076	2095	rVB	93297	161938	0.78%	0.313%
27	8.174	2132	2141	2158	rBV	41082	71201	0.34%	0.137%
28	8.467	2227	2232	2236	rVB2	313	303	0.00%	0.001%
29	8.550	2248	2258	2269	rVB4	13818	22654	0.11%	0.044%
30	8.627	2271	2282	2305	rBV	187973	344525	1.66%	0.665%
31	8.920	2371	2373	2381	rVB3	464	324	0.00%	0.001%
32	9.049	2410	2413	2416	rBV4	511	399	0.00%	0.001%
33	9.181	2449	2454	2458	rBV2	374	412	0.00%	0.001%
34	9.412	2513	2526	2547	rBV	419225	692434	3.34%	1.337%
35	9.563	2561	2573	2599	rBV	756691	1211790	5.85%	2.340%
36	9.685	2599	2611	2641	rVB	600496	1013772	4.90%	1.958%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

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	9.827	2651	2655	2659	rVB3	704	658	0.00%	0.001%
38	9.869	2660	2668	2669	rBV6	1344	1655	0.01%	0.003%
39	10.039	2716	2721	2722	rBV3	571	468	0.00%	0.001%
40	10.094	2727	2738	2769	rVB	286501	500600	2.42%	0.967%
41	10.245	2779	2785	2788	rBV5	758	804	0.00%	0.002%
42	10.335	2808	2813	2815	rBV3	838	805	0.00%	0.002%
43	10.348	2815	2817	2826	rVV6	1268	1725	0.01%	0.003%
44	10.434	2840	2844	2847	rBV2	442	430	0.00%	0.001%
45	10.480	2847	2858	2879	rBV2	69689	113014	0.55%	0.218%
46	10.618	2892	2901	2906	rBV6	1184	1900	0.01%	0.004%
47	10.647	2907	2910	2917	rVB6	1092	942	0.00%	0.002%
48	10.750	2929	2942	2955	rBV	226588	361879	1.75%	0.699%
49	10.827	2960	2966	2978	rVB3	8019	12318	0.06%	0.024%
50	10.901	2978	2989	3003	rBV	37109	58525	0.28%	0.113%
51	10.991	3005	3017	3023	rBV	606314	1019271	4.92%	1.968%
52	11.081	3036	3045	3064	rVB	171073	285610	1.38%	0.552%
53	11.287	3092	3109	3128	rBV3	47516	103519	0.50%	0.200%
54	11.463	3142	3164	3176	rBV	522155	855345	4.13%	1.652%
55	11.534	3176	3186	3196	rBV	257474	395323	1.91%	0.763%
56	11.737	3238	3249	3258	rBV	45850	72169	0.35%	0.139%
57	11.804	3258	3270	3283	rBV	475779	792928	3.83%	1.531%
58	11.888	3288	3296	3306	rVV	141773	221613	1.07%	0.428%
59	11.942	3306	3313	3326	rVB	110892	171527	0.83%	0.331%
60	12.090	3346	3359	3377	rBV3	163480	303884	1.47%	0.587%
61	12.187	3377	3389	3402	rBV	332728	542373	2.62%	1.047%
62	12.306	3414	3426	3442	rBV	1815628	2863363	13.83%	5.529%
63	12.460	3465	3474	3477	rBV2	22209	28991	0.14%	0.056%
64	12.566	3494	3507	3516	rBV	143428	226409	1.09%	0.437%
65	12.621	3516	3524	3533	rVB	58562	97345	0.47%	0.188%
66	12.743	3552	3562	3573	rVB	186132	302453	1.46%	0.584%
67	12.804	3573	3581	3593	rVB2	49020	76275	0.37%	0.147%
68	12.923	3612	3618	3621	rBV7	5830	7287	0.04%	0.014%
69	12.968	3625	3632	3639	rVB	30365	43753	0.21%	0.084%
70	13.023	3640	3649	3662	rBV	72979	137237	0.66%	0.265%
71	13.084	3663	3668	3678	rVB4	18500	26017	0.13%	0.050%
72	13.151	3679	3689	3697	rBV2	40627	75805	0.37%	0.146%
73	13.286	3722	3731	3744	rVB	37963	60862	0.29%	0.118%
74	13.354	3745	3752	3759	rVV8	3573	5706	0.03%	0.011%
75	13.444	3769	3780	3791	rVB6	81051	155123	0.75%	0.300%
76	13.515	3791	3802	3818	rBV	540501	820434	3.96%	1.584%

LSC Area Percent Report

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Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

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	13.621	3825	3835	3848	rVB	569966	922958	4.46%	1.782%
78	13.721	3860	3866	3875	rVB2	75354	105444	0.51%	0.204%
79	14.081	3964	3978	4003	rBV	13393577	20705433	100.00%	39.984%
80	14.200	4006	4015	4027	rVB	173444	304320	1.47%	0.588%
81	14.444	4085	4091	4097	rBV2	21898	27823	0.13%	0.054%
82	14.511	4106	4112	4119	rVB	28679	36648	0.18%	0.071%
83	14.672	4153	4162	4171	rBV3	50409	87747	0.42%	0.169%
84	14.801	4195	4202	4219	rVB3	48663	100701	0.49%	0.194%
85	14.923	4232	4240	4254	rVB2	27258	43854	0.21%	0.085%
86	15.000	4257	4264	4267	rBV5	10336	15072	0.07%	0.029%
87	15.068	4278	4285	4302	rVB2	39648	74412	0.36%	0.144%
88	15.164	4305	4315	4320	rBV	52355	81625	0.39%	0.158%
89	15.216	4320	4331	4355	rVV	3996622	6200380	29.95%	11.973%
90	15.331	4359	4367	4376	rVV2	42091	66210	0.32%	0.128%
91	15.402	4377	4389	4408	rVB	2133268	3363107	16.24%	6.494%
92	15.949	4548	4559	4568	rBV	215371	338649	1.64%	0.654%
93	16.142	4610	4619	4628	rBV	322189	470078	2.27%	0.908%
94	16.257	4644	4655	4676	rBV	335277	631452	3.05%	1.219%
95	16.402	4691	4700	4707	rBV	395925	613402	2.96%	1.185%
96	16.537	4736	4742	4754	rVB4	22663	40381	0.20%	0.078%
97	16.634	4755	4772	4793	rVB2	96100	262791	1.27%	0.507%
98	16.781	4810	4818	4836	rVB2	56523	98146	0.47%	0.190%
99	16.881	4838	4849	4863	rBV	170924	302553	1.46%	0.584%
100	17.093	4907	4915	4938	rVB3	56221	108355	0.52%	0.209%

Sum of corrected areas: 51784704

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
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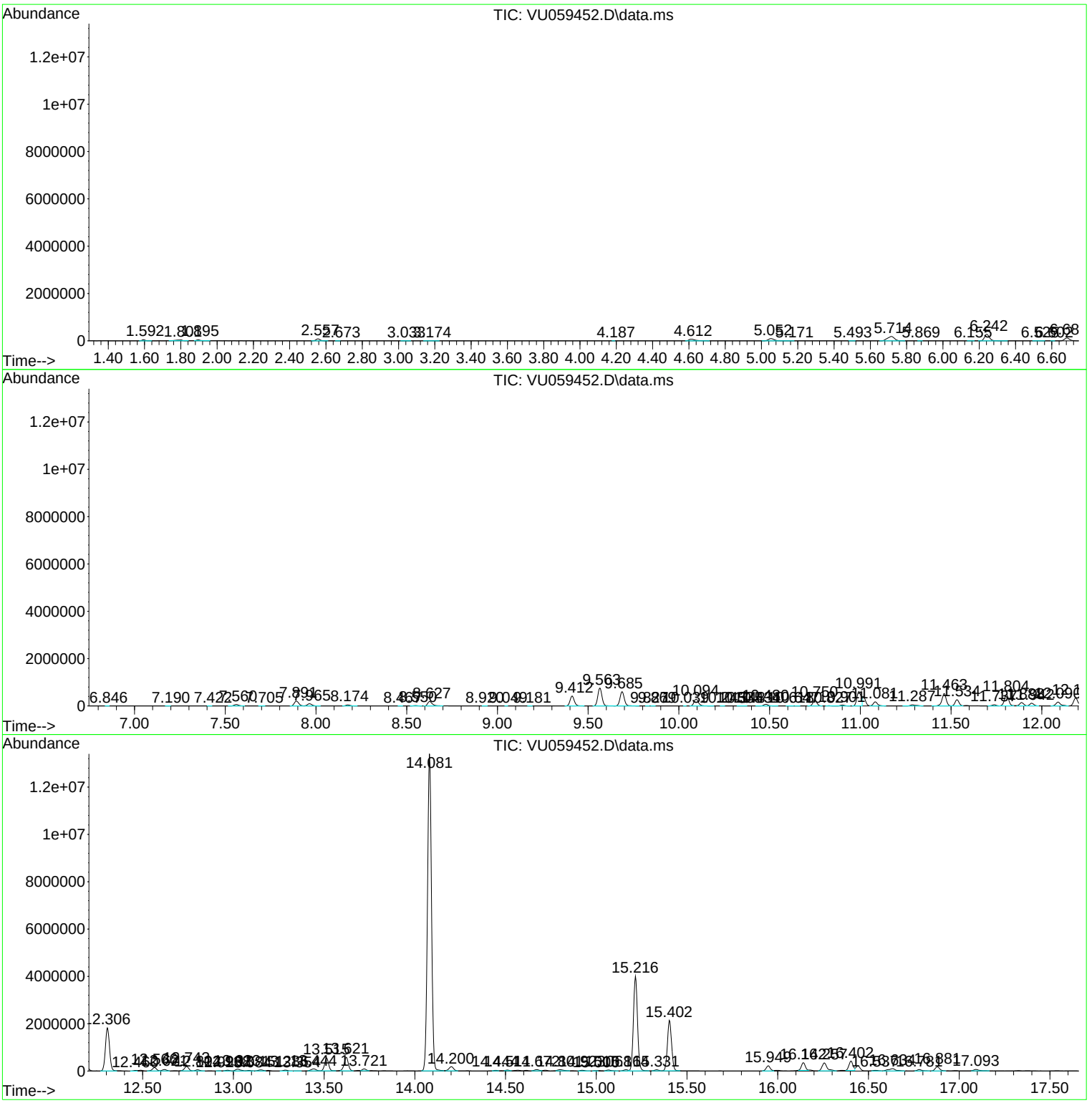
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

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\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

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

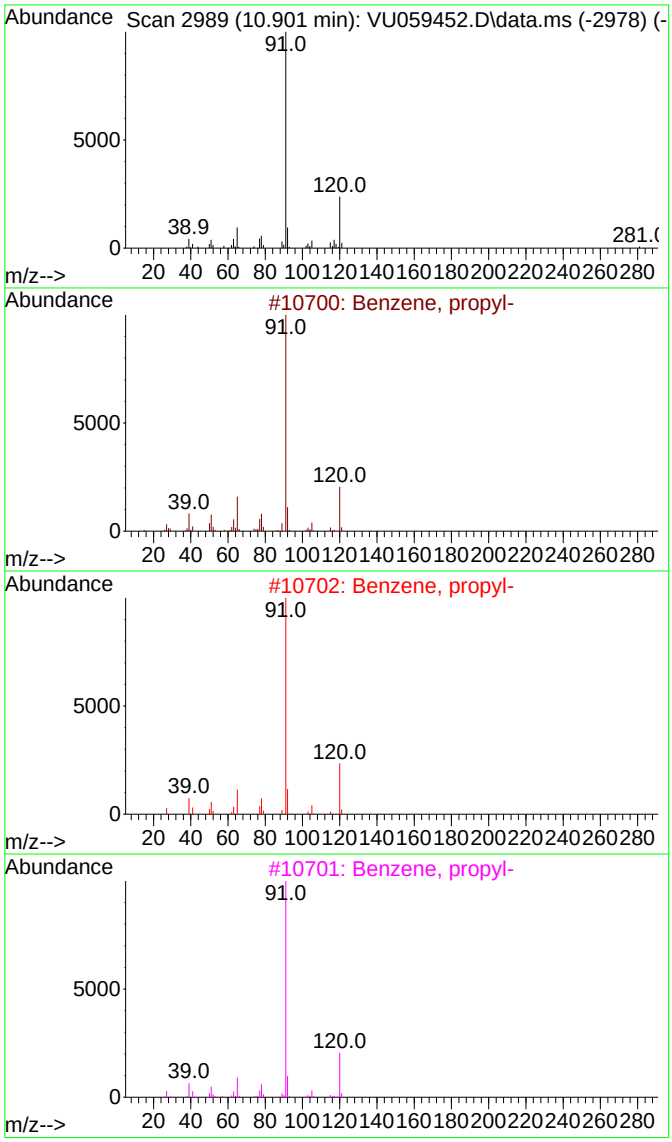
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

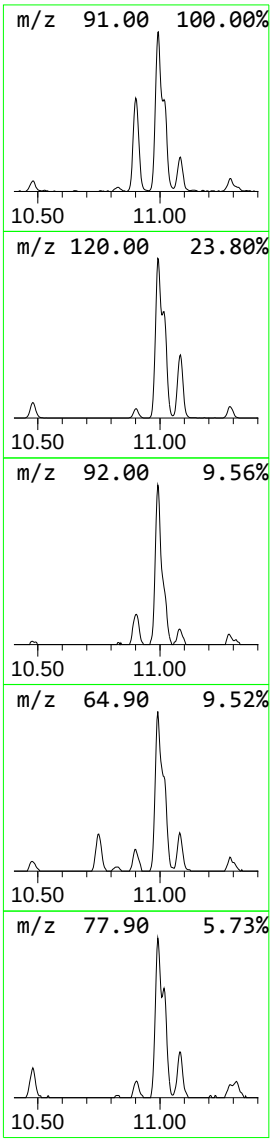
****

Peak Number 3 Benzene, propyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.901	3.69 ug/L	58525	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	83
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

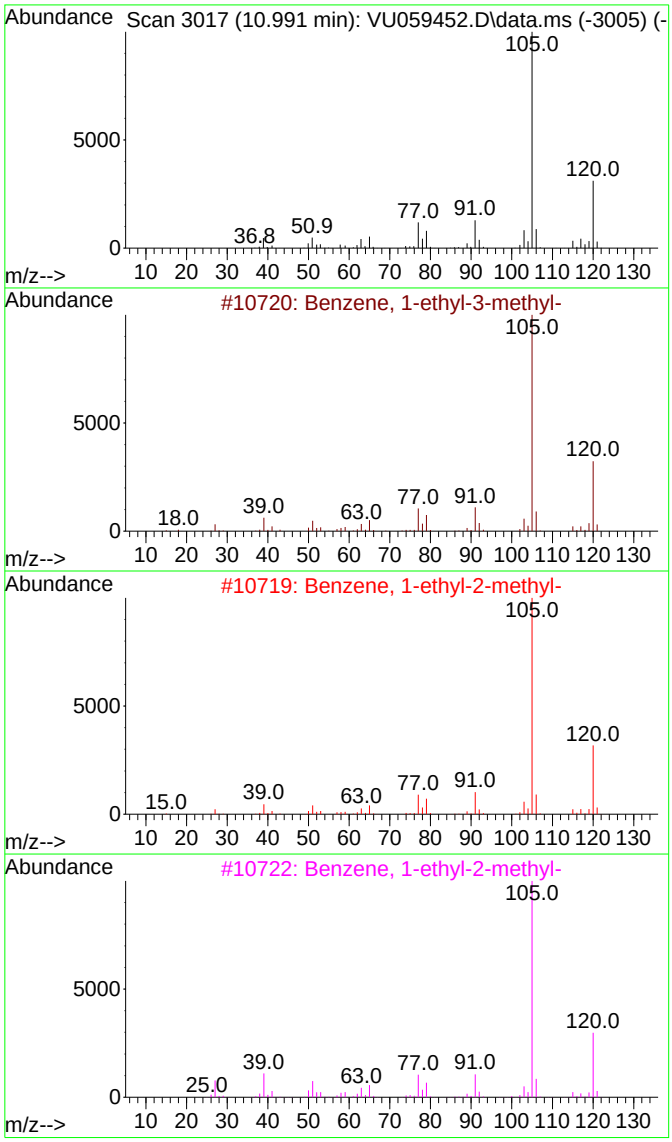
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

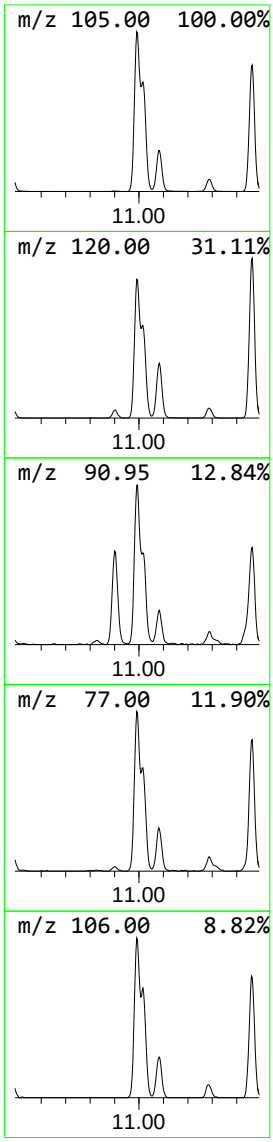
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.991	64.27 ug/L	1019270	1,4-Dichlorobenzene-d4	11.807

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

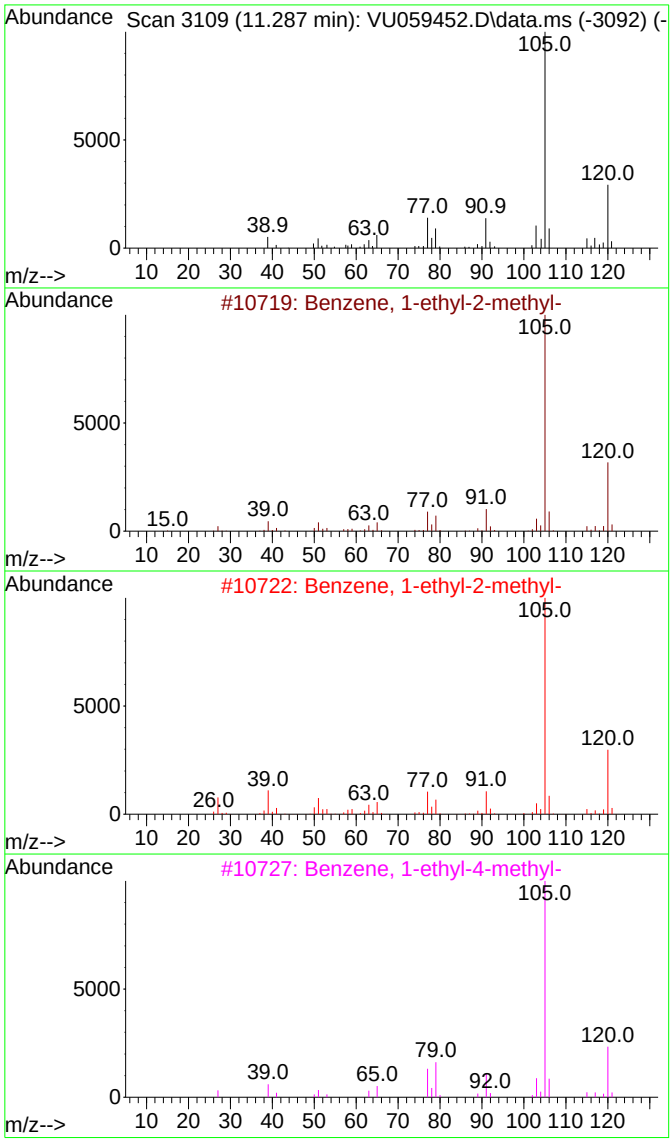
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

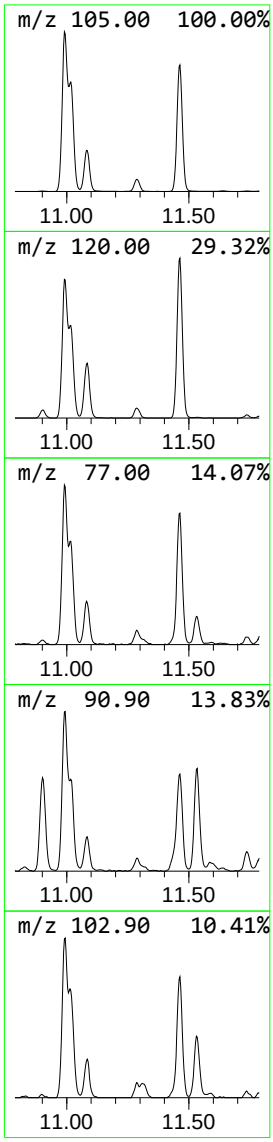
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.287	6.53 ug/L	103519	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-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

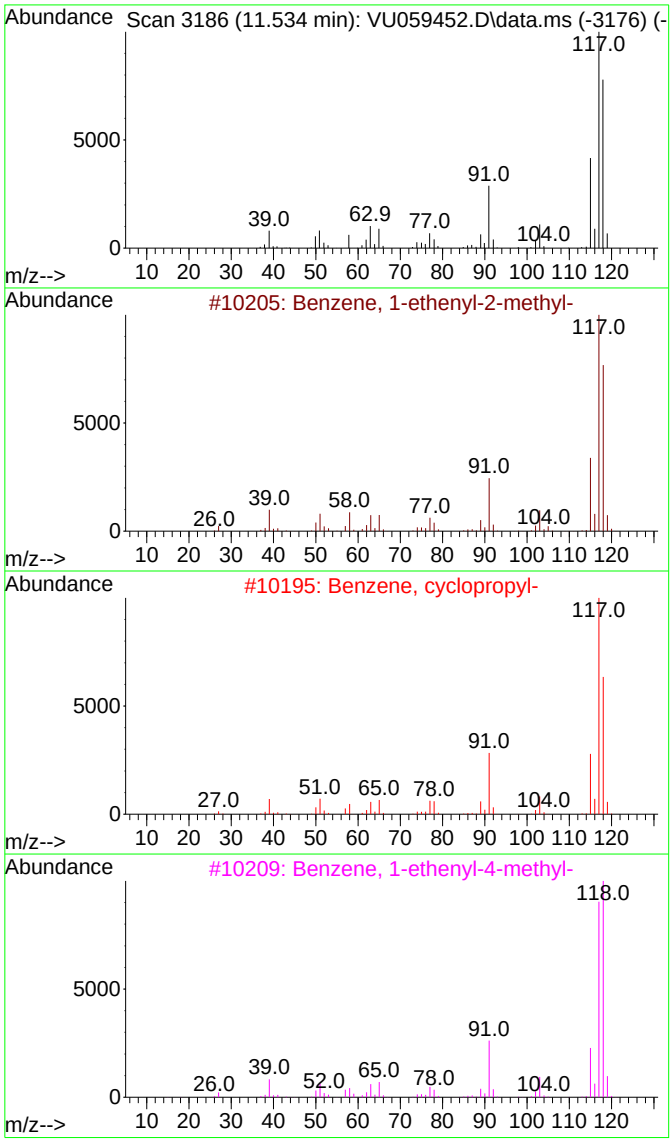
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

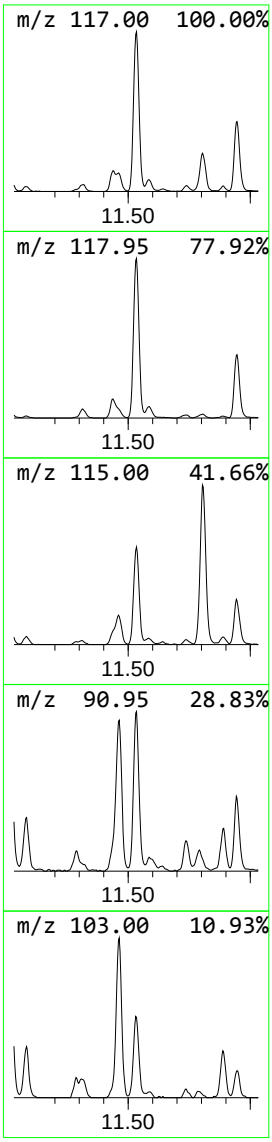
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethenyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.534	24.93 ug/L	395323	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, cyclopropyl-	118	C9H10	000873-49-4	94
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	92





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

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

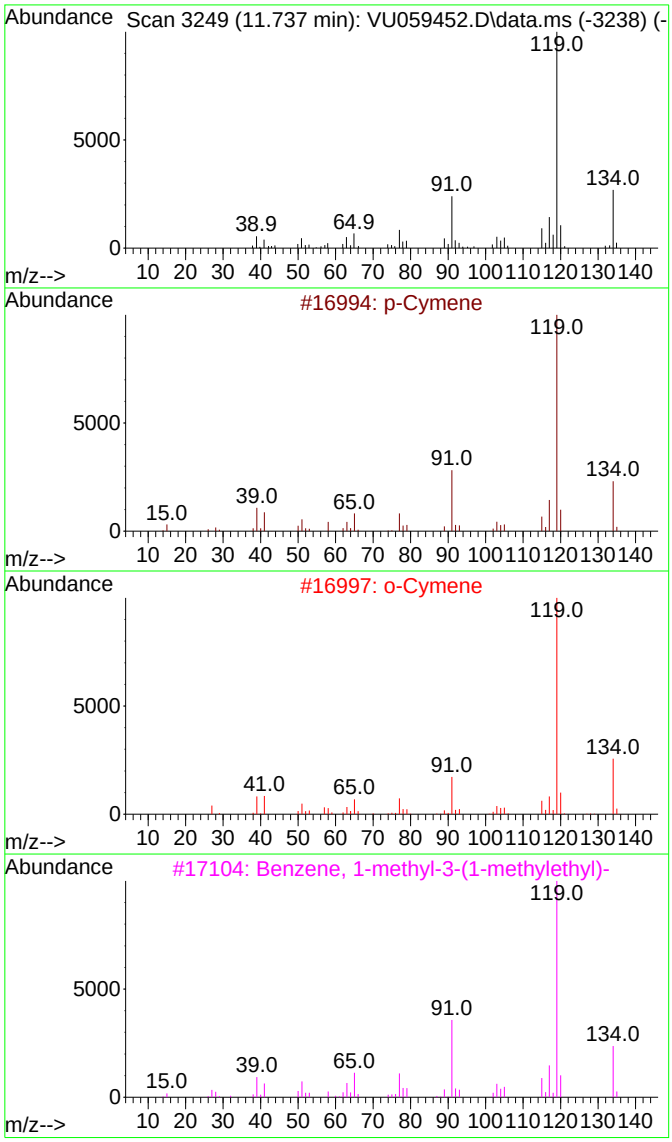
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

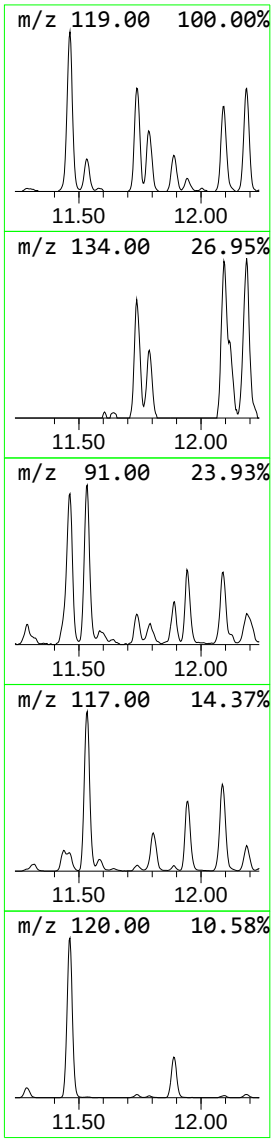
****

Peak Number 7 p-Cymene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.737	4.55 ug/L	72169	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	p-Cymene	134	C10H14	000099-87-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

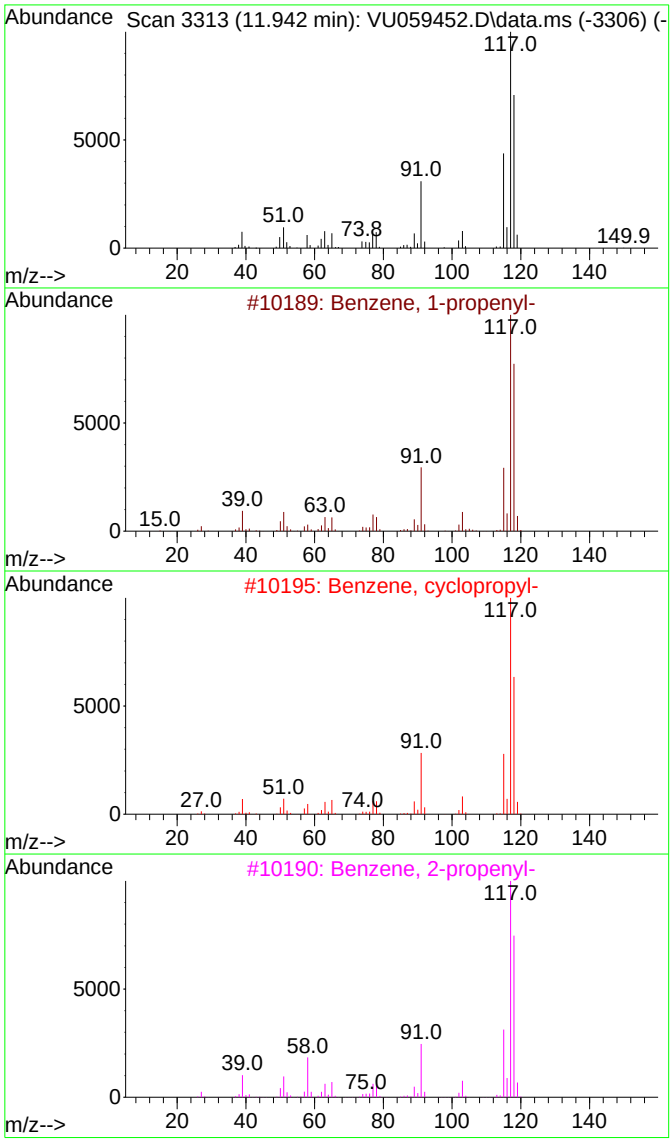
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

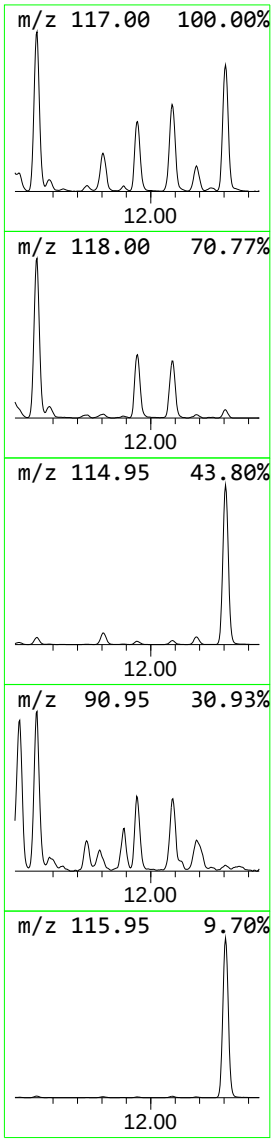
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-propenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.943	10.82 ug/L	171527	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	93
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

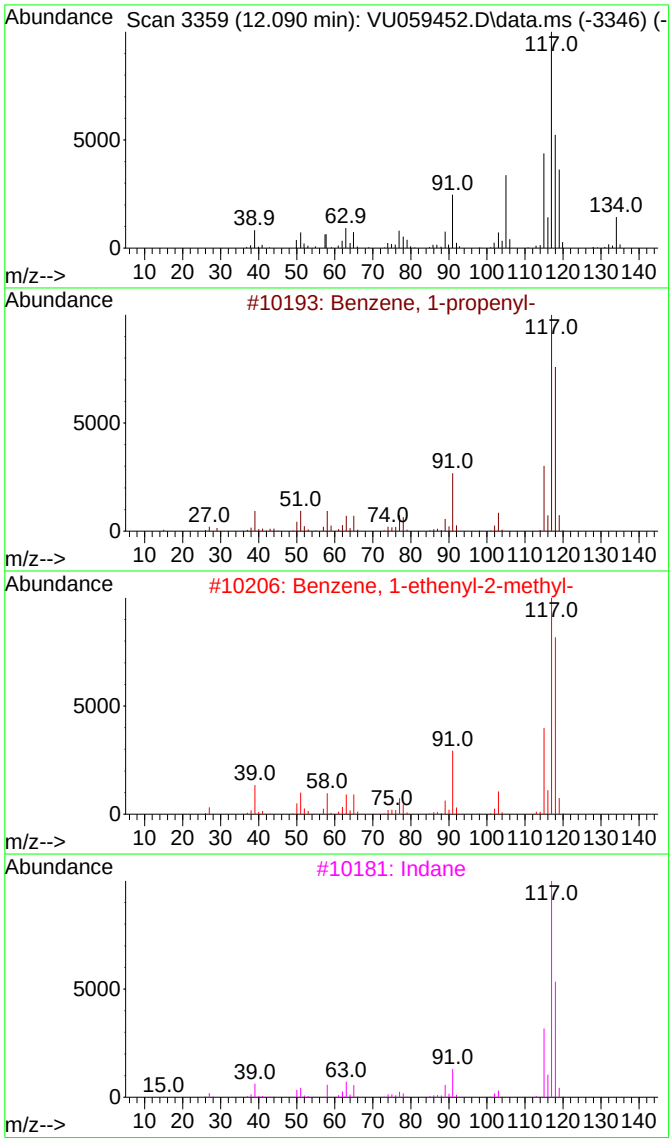
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

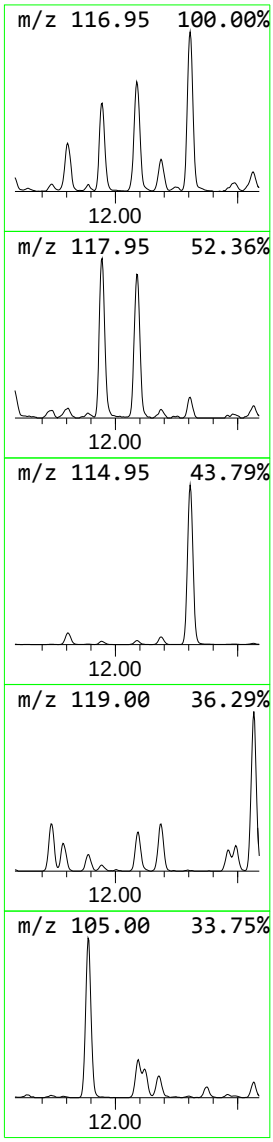
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	19.16 ug/L	303884	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	87
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
3	Indane	118	C9H10	000496-11-7	60
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55





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Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

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

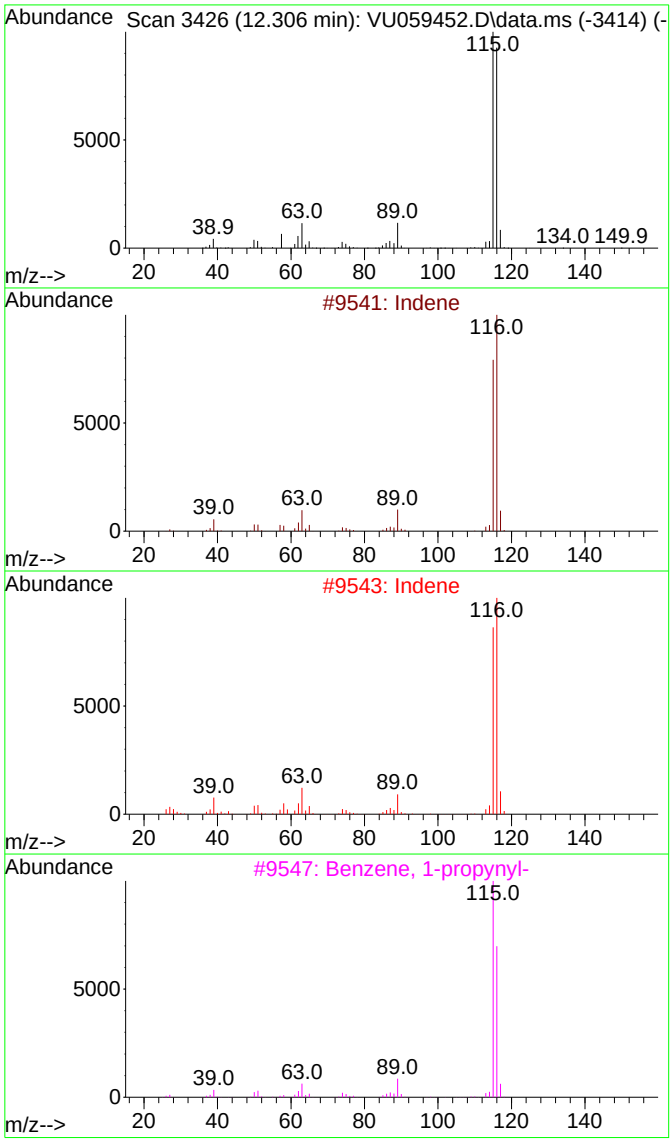
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

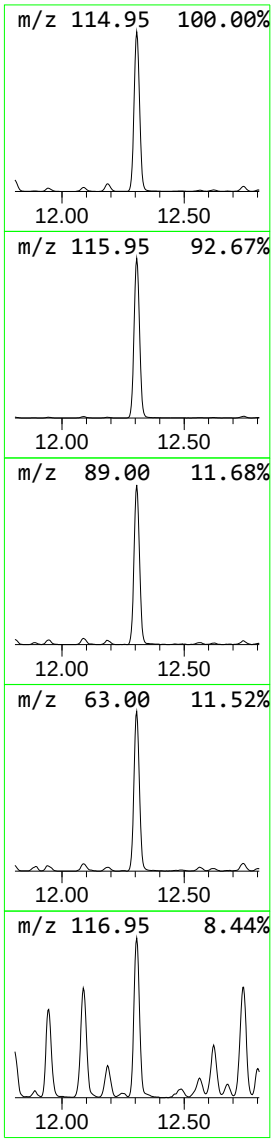
****

Peak Number 11 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.306	180.56 ug/L	2863360	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	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

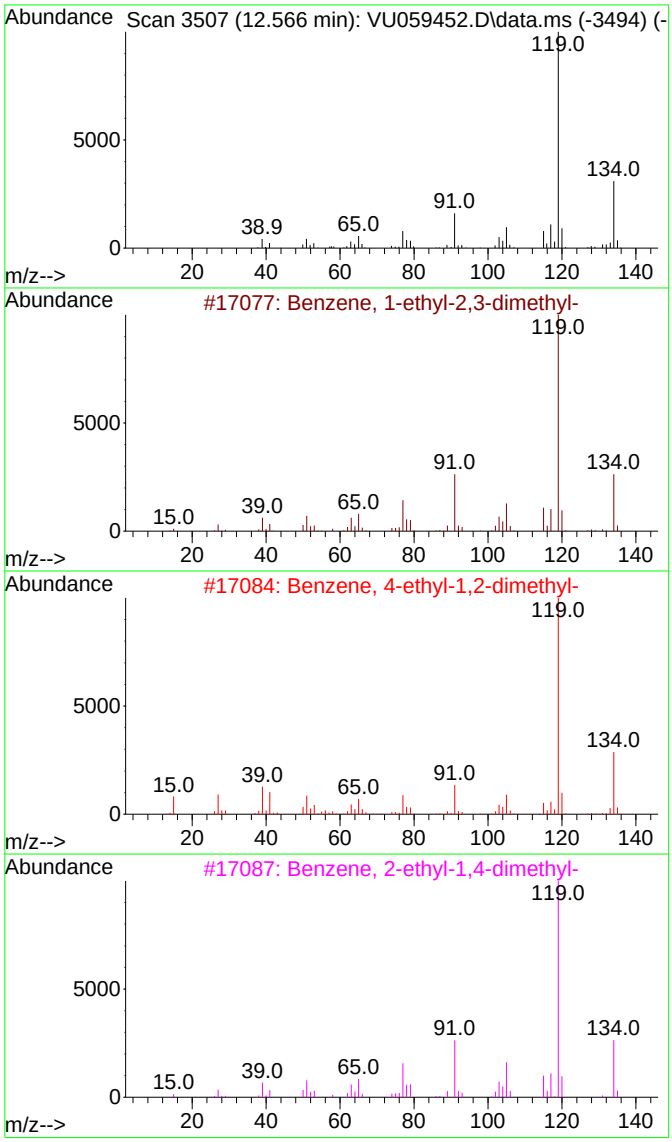
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

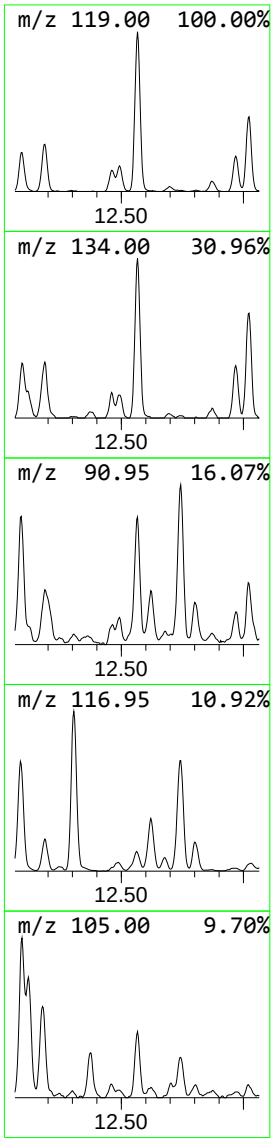
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.566	14.28 ug/L	226409	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	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

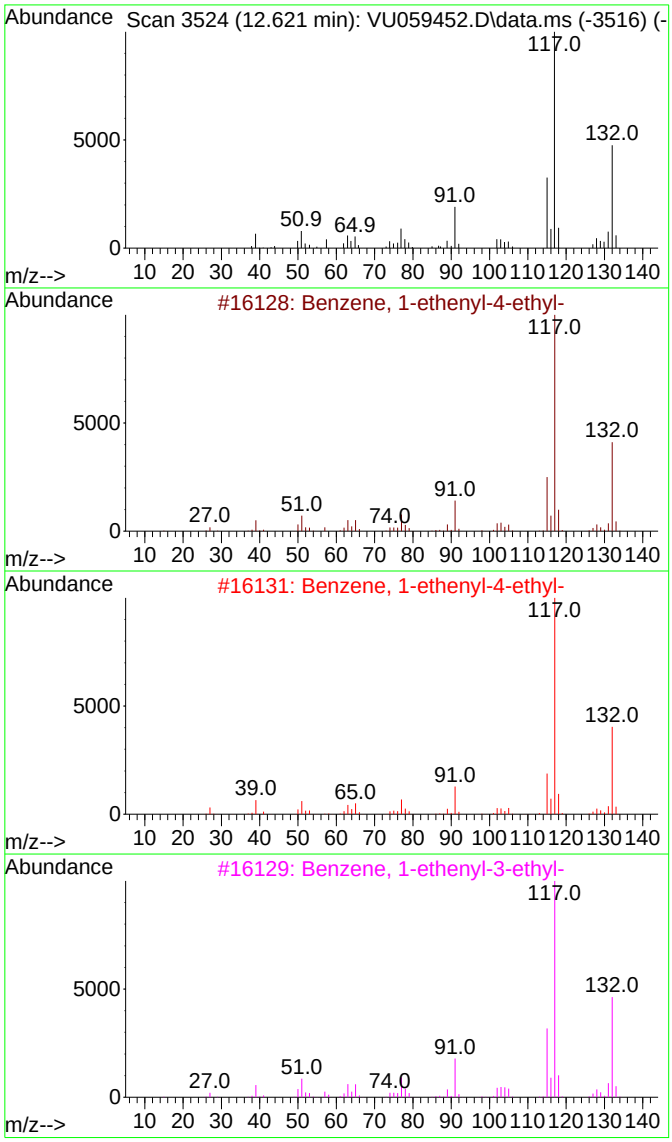
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

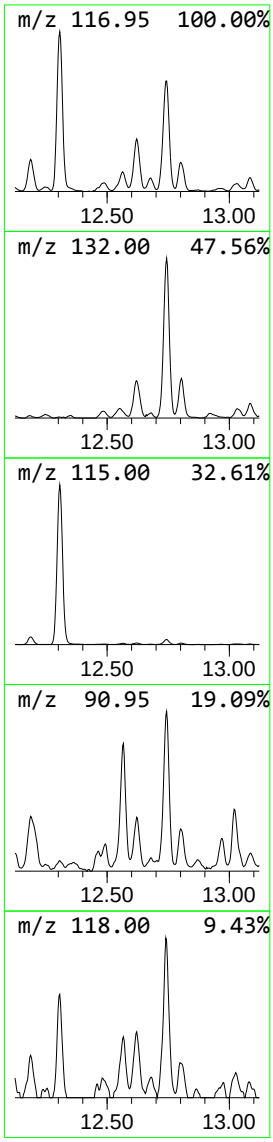
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	6.14 ug/L	97345	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	97
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	94
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

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

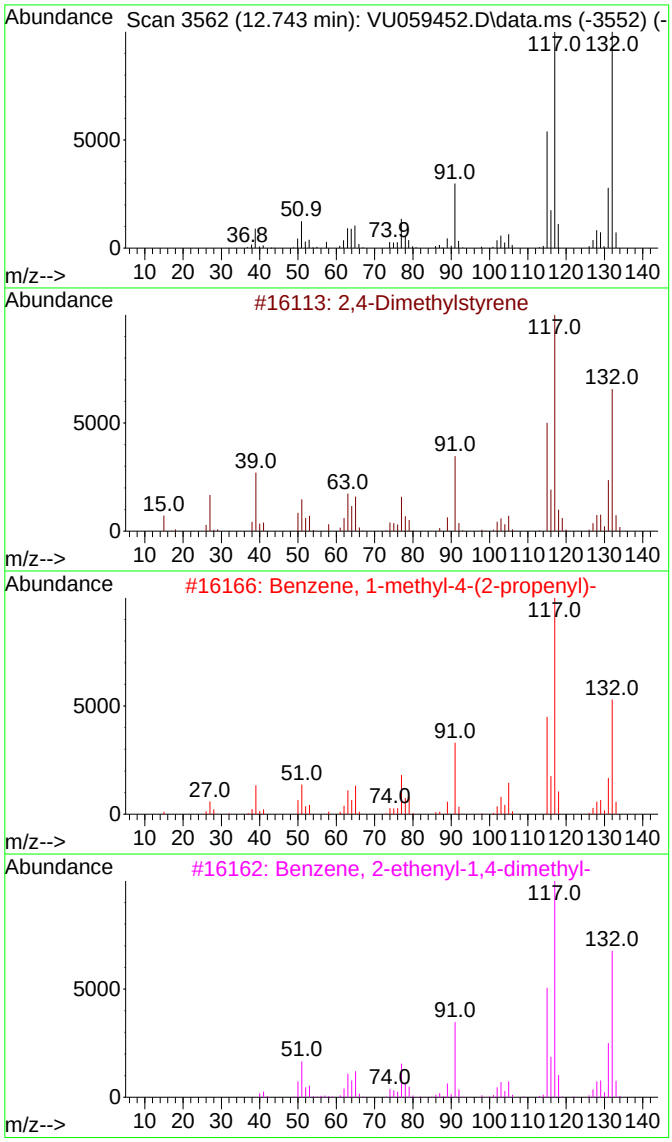
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

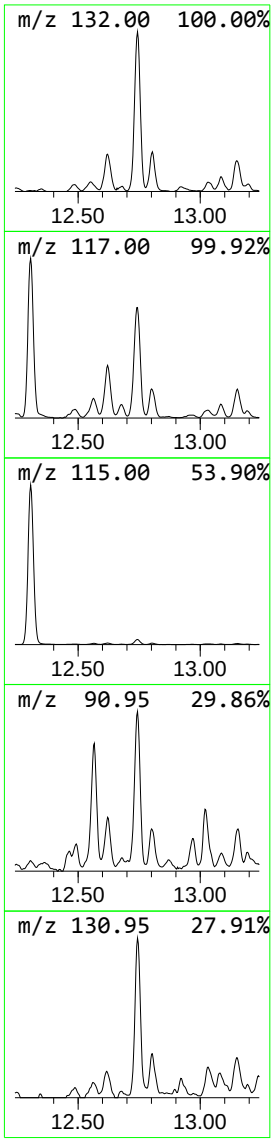
****

Peak Number 14 2,4-Dimethylstyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.743	19.07 ug/L	302453	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	93
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

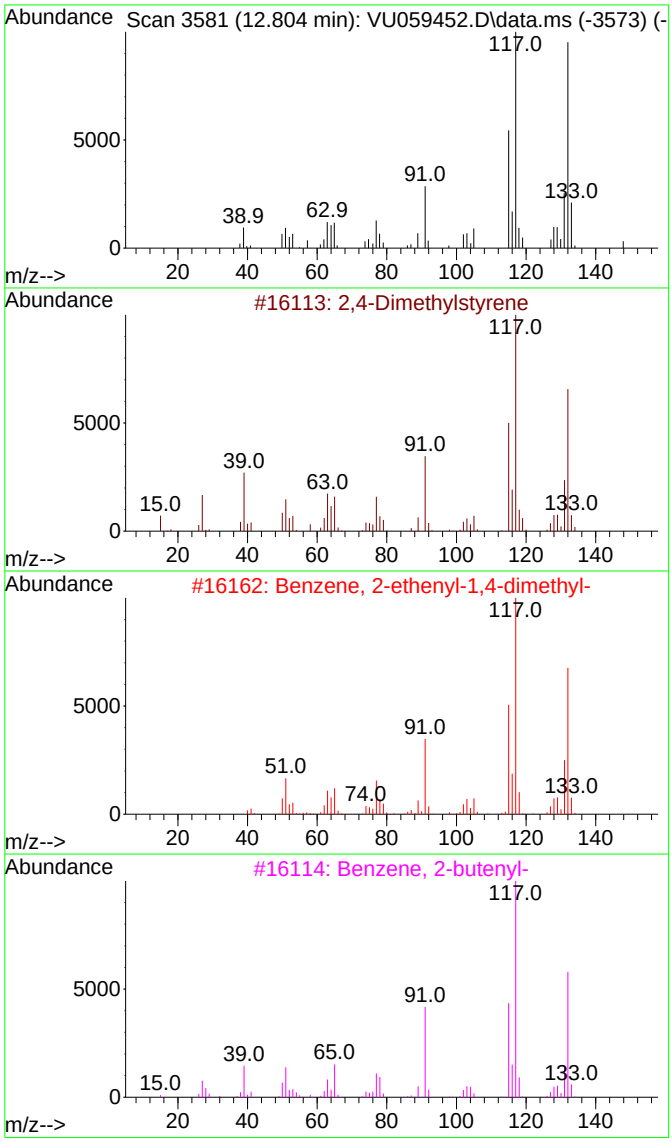
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

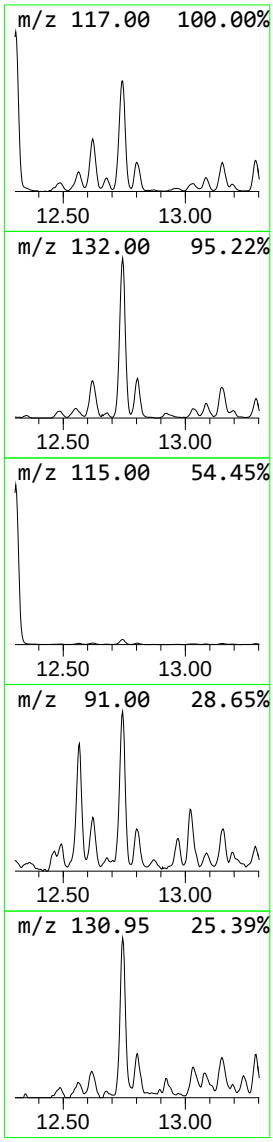
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-butenyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	4.81 ug/L	76275	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

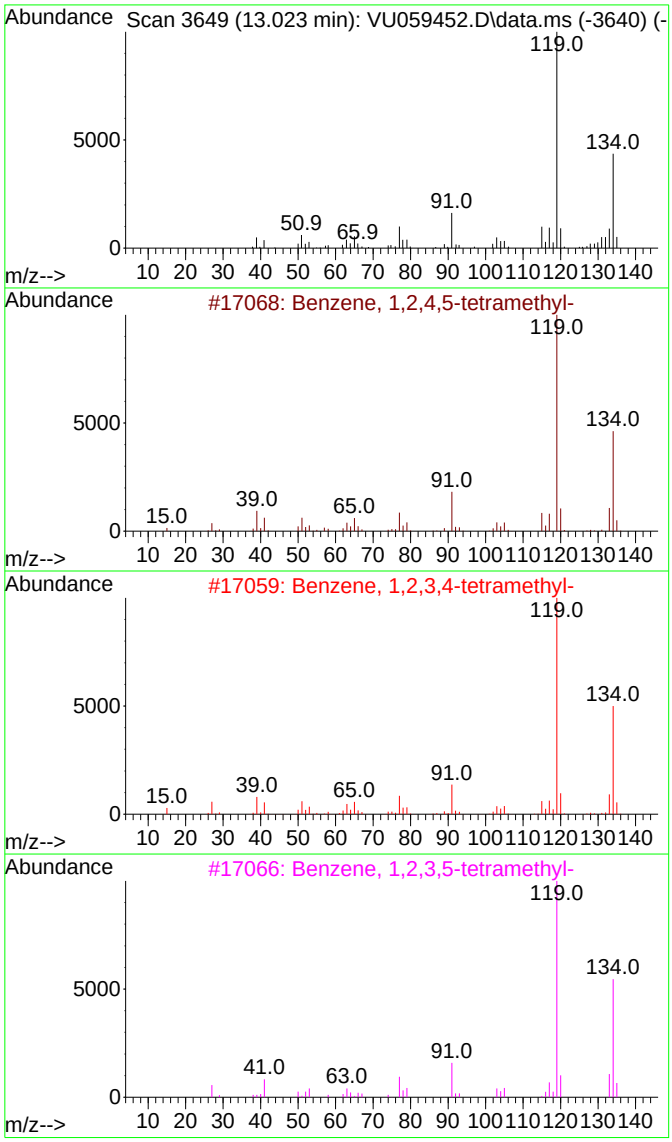
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

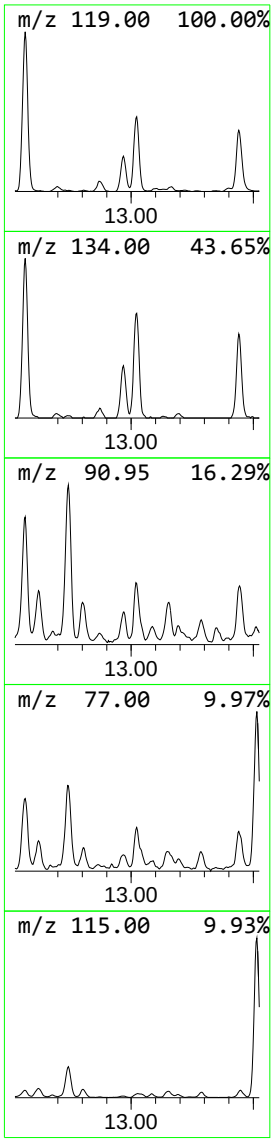
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.023	8.65 ug/L	137237	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

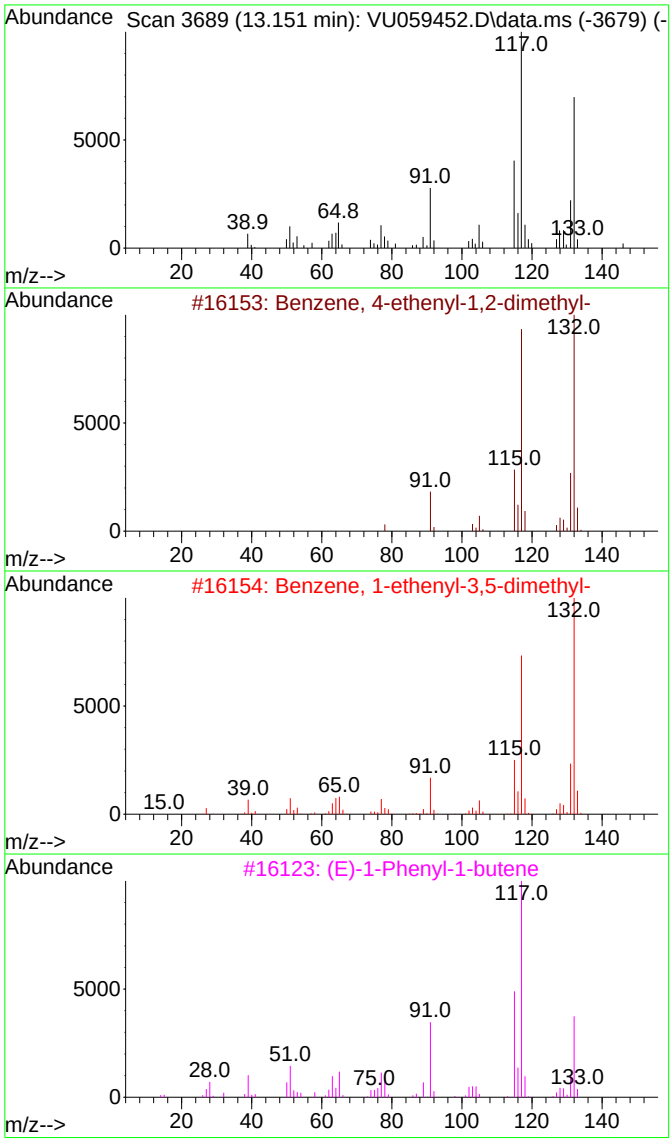
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

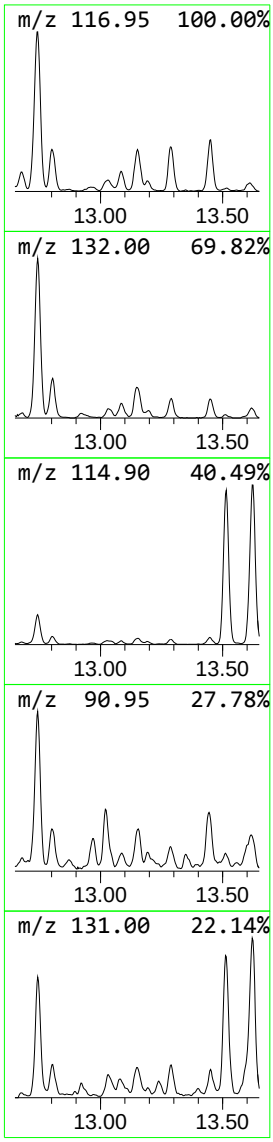
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	4.78 ug/L	75805	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	94
2	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

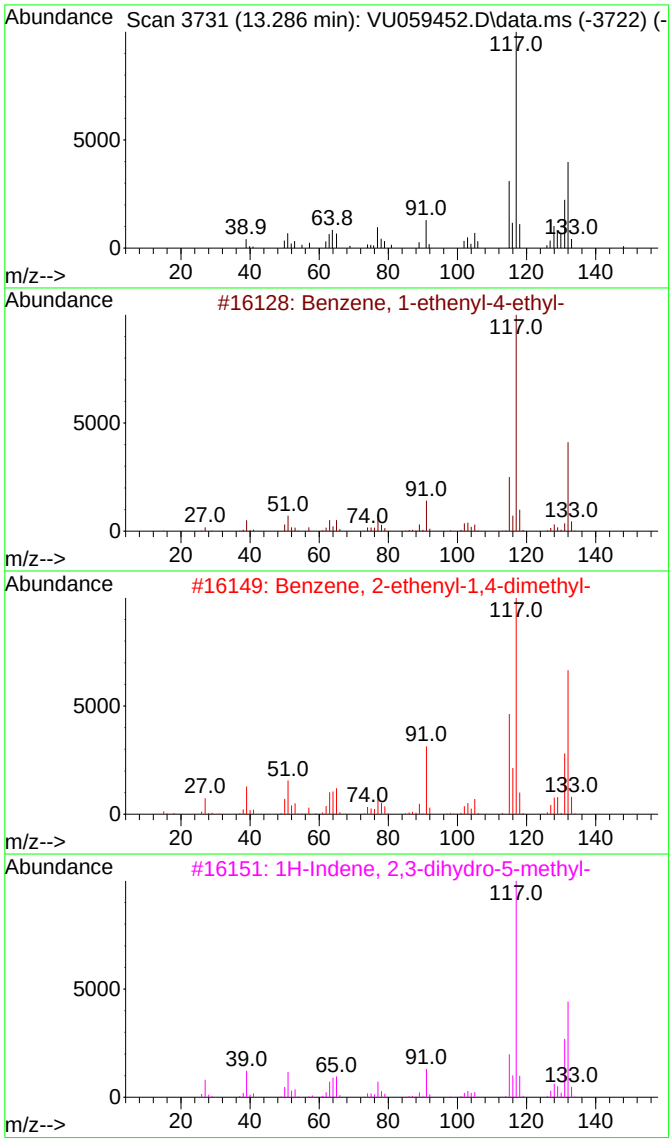
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

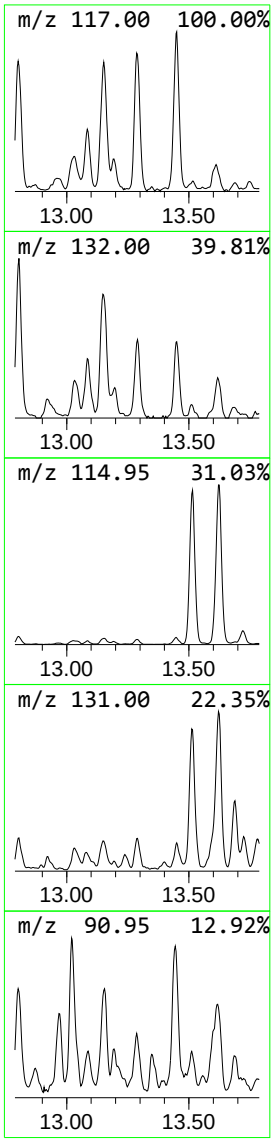
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.287	3.84 ug/L	60862	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

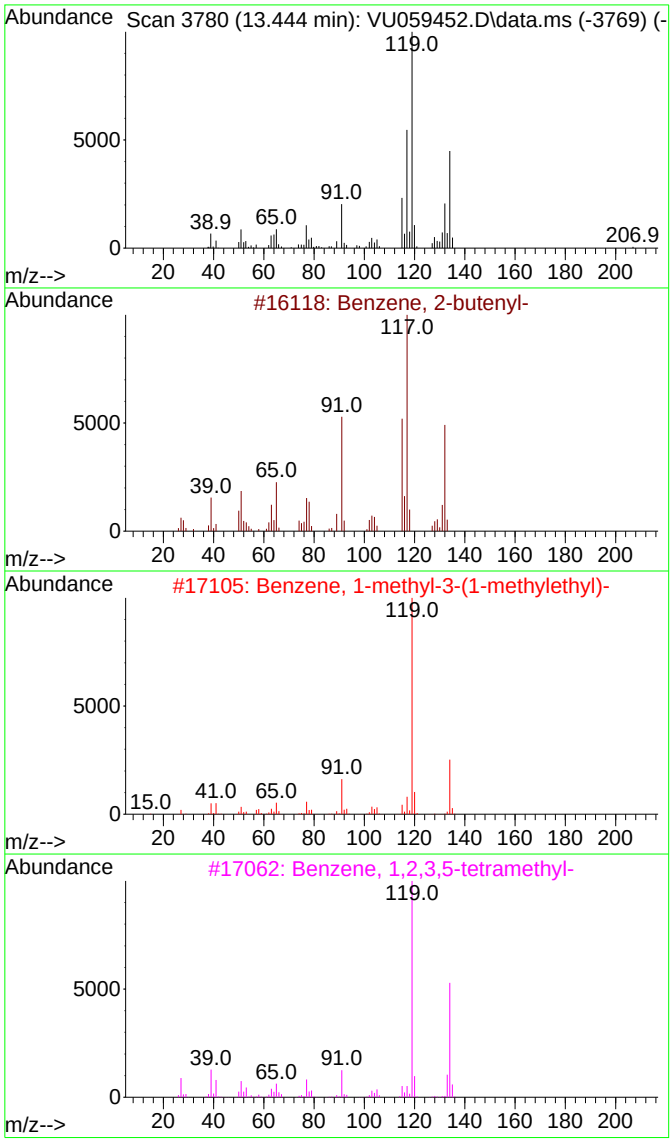
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

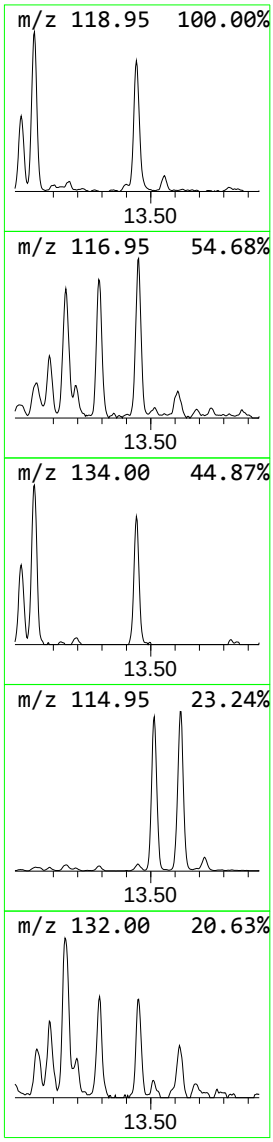
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-methyl-3-(1-meth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	9.78 ug/L	155123	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	74
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

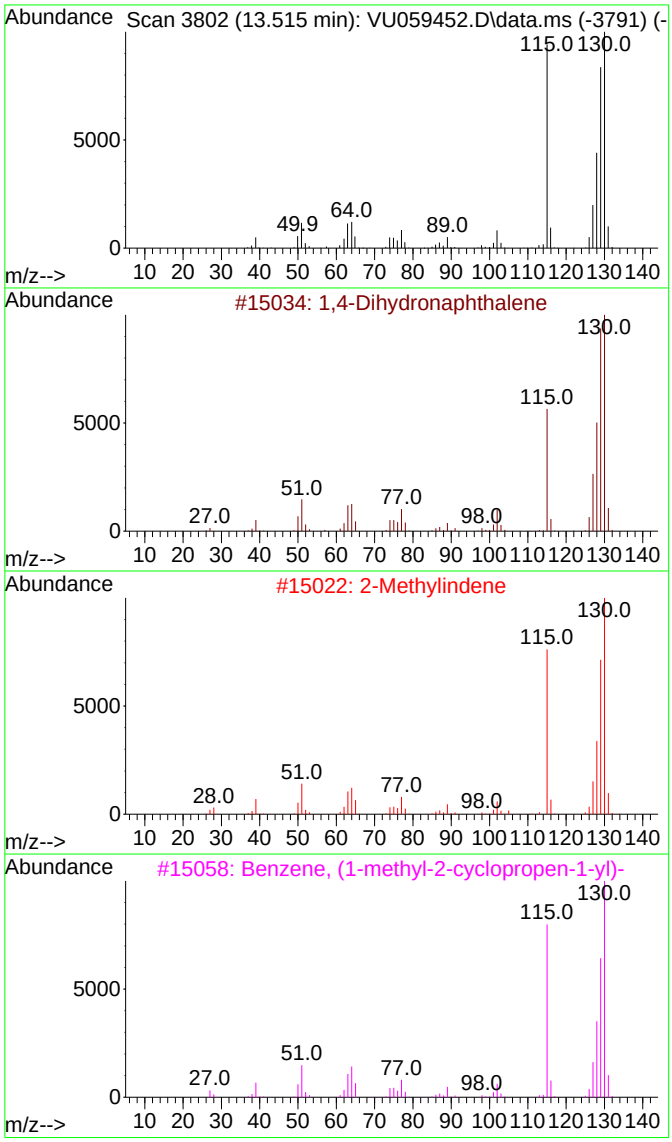
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

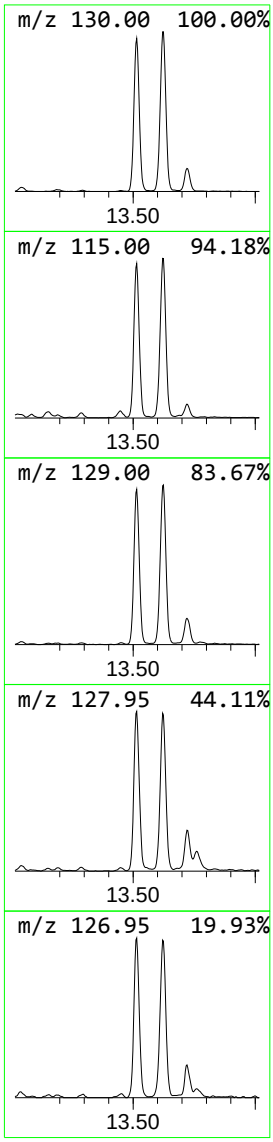
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,4-Dihydronaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.515	51.73 ug/L	820434	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	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

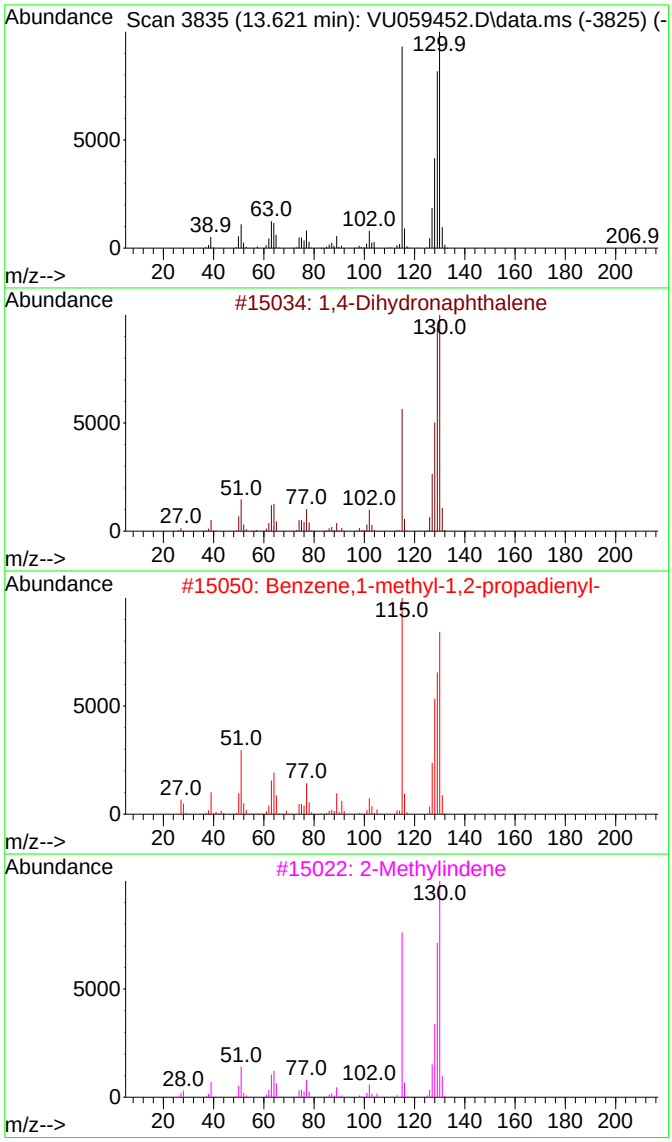
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

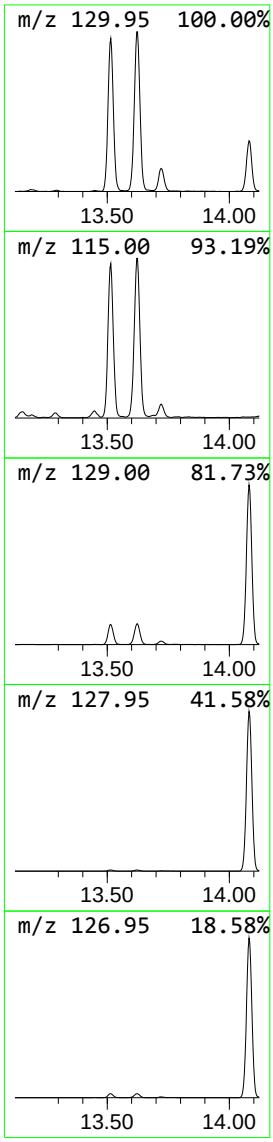
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene,1-methyl-1,2-propad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	58.20 ug/L	922958	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
3	2-Methylindene	130	C10H10	002177-47-1	94
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





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Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

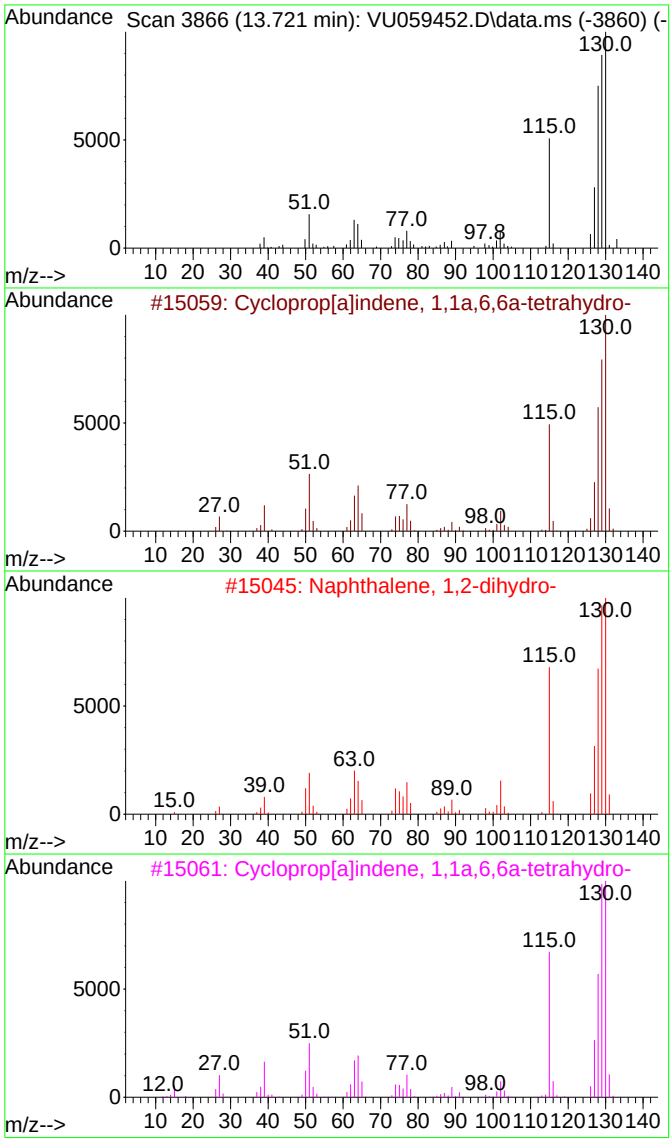
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

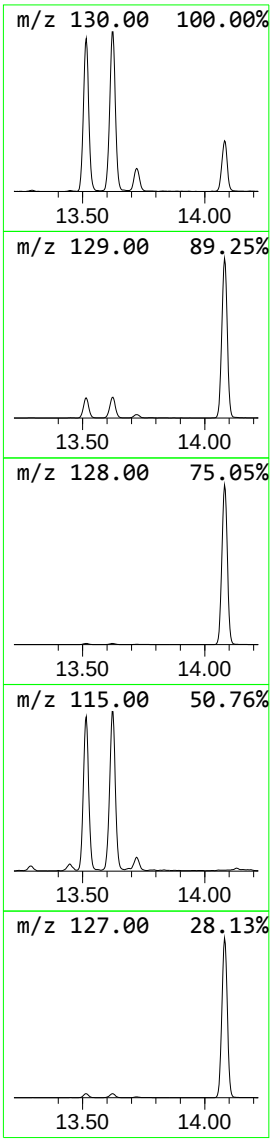
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.720	6.65 ug/L	105444	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	83
2	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	83
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	83
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	83
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

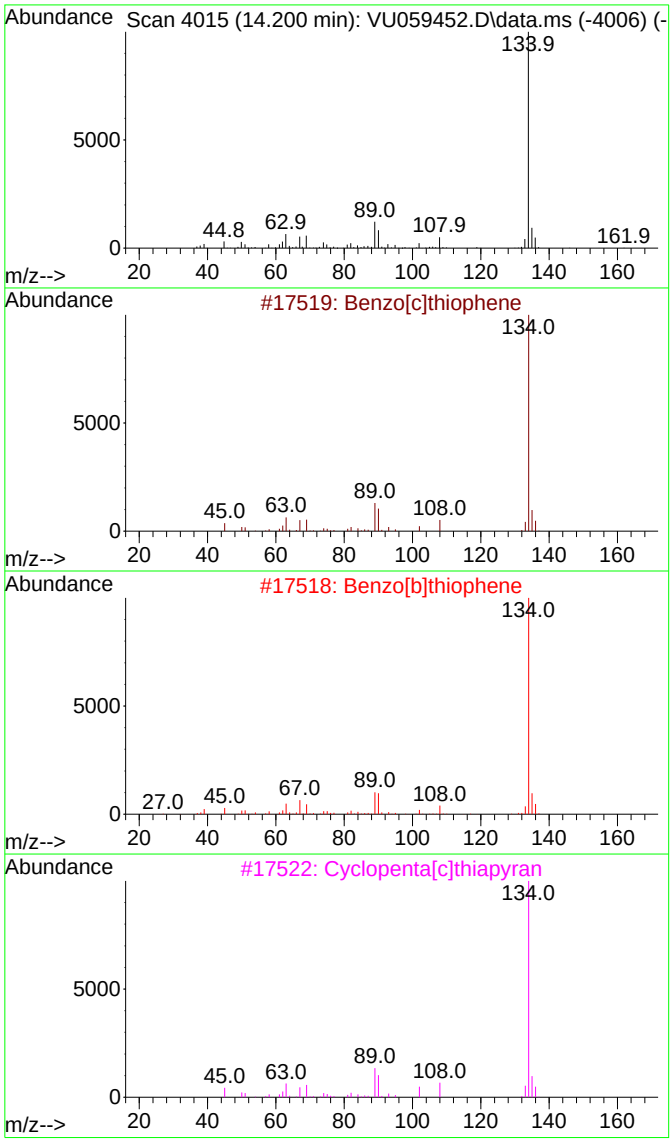
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

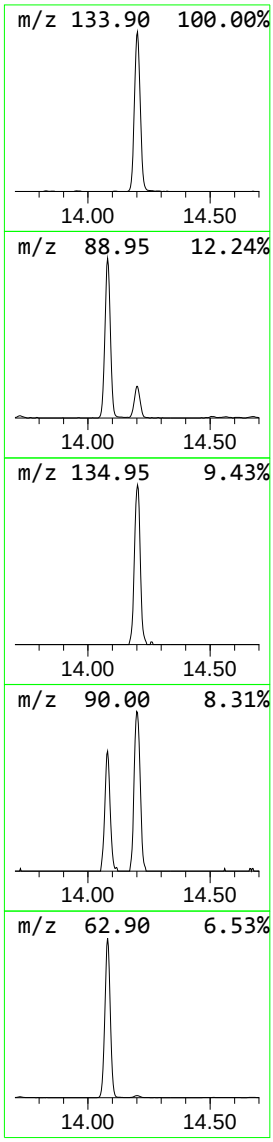
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzo[c]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	19.19 ug/L	304320	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

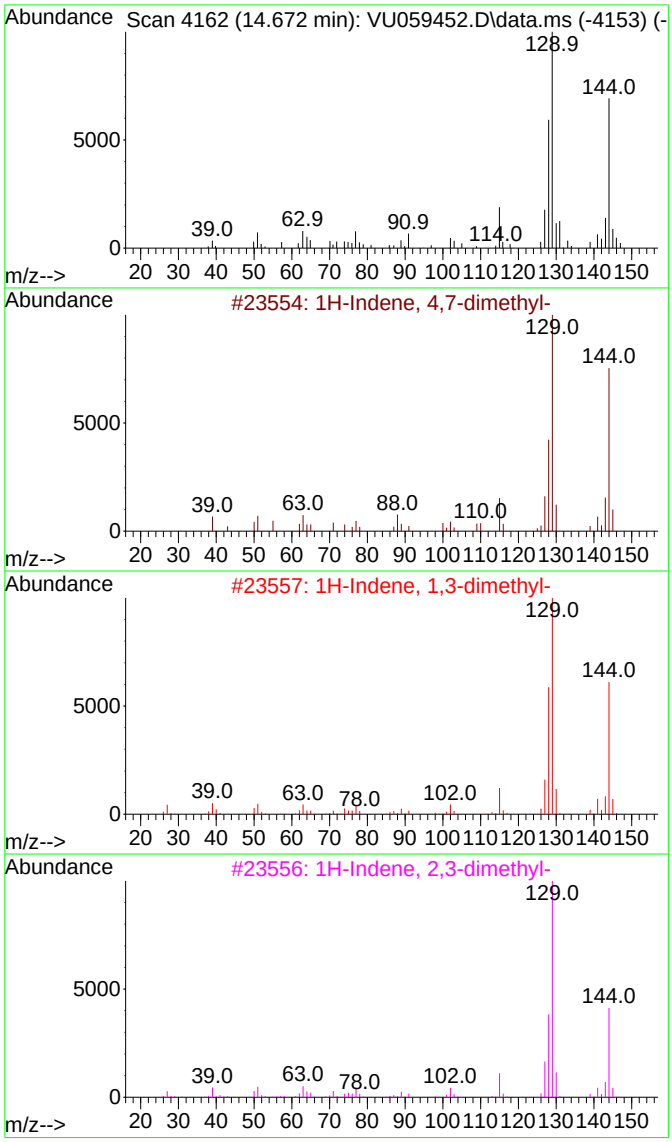
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

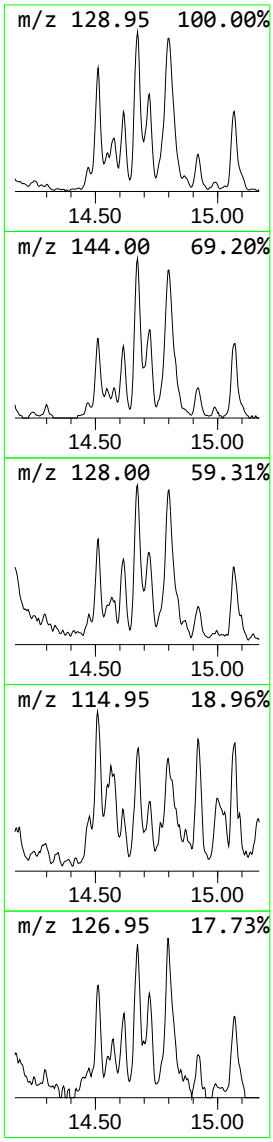
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1H-Indene, 4,7-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	5.53 ug/L	87747	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	93
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	90
4	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	83
5	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

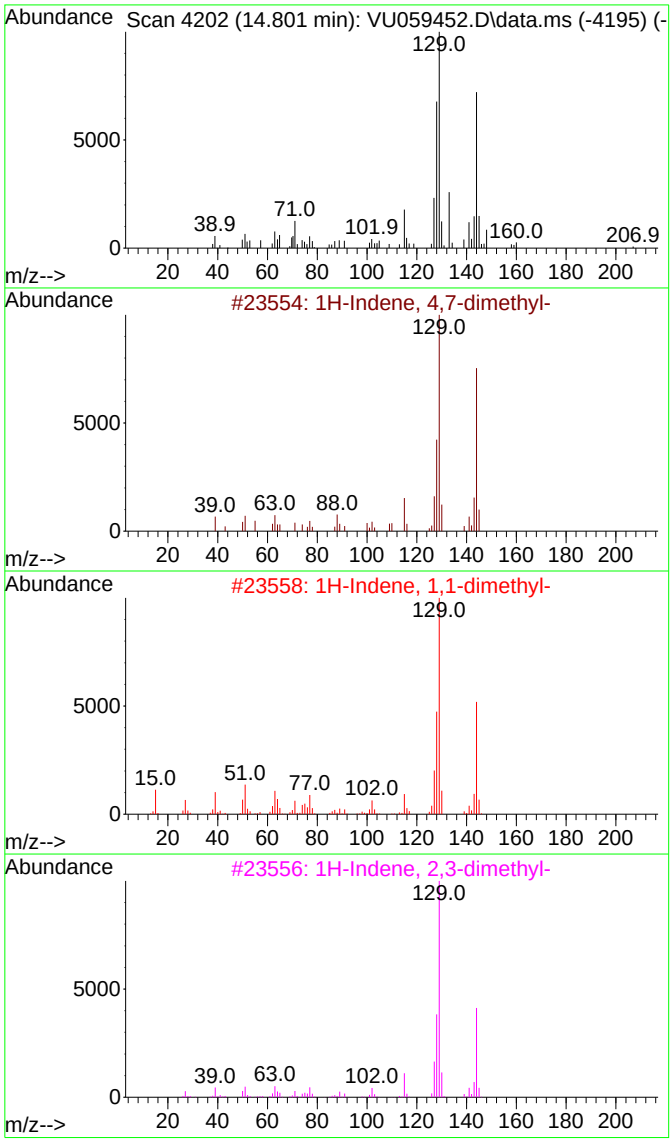
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

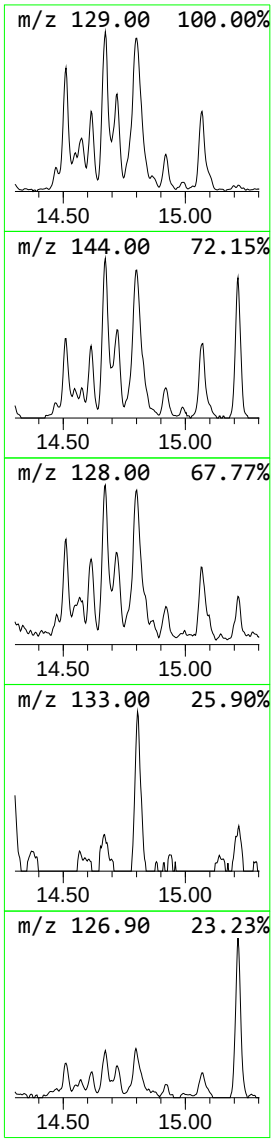
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1H-Indene, 1,1-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.801	6.35 ug/L	100701	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	81
4	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	81
5	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

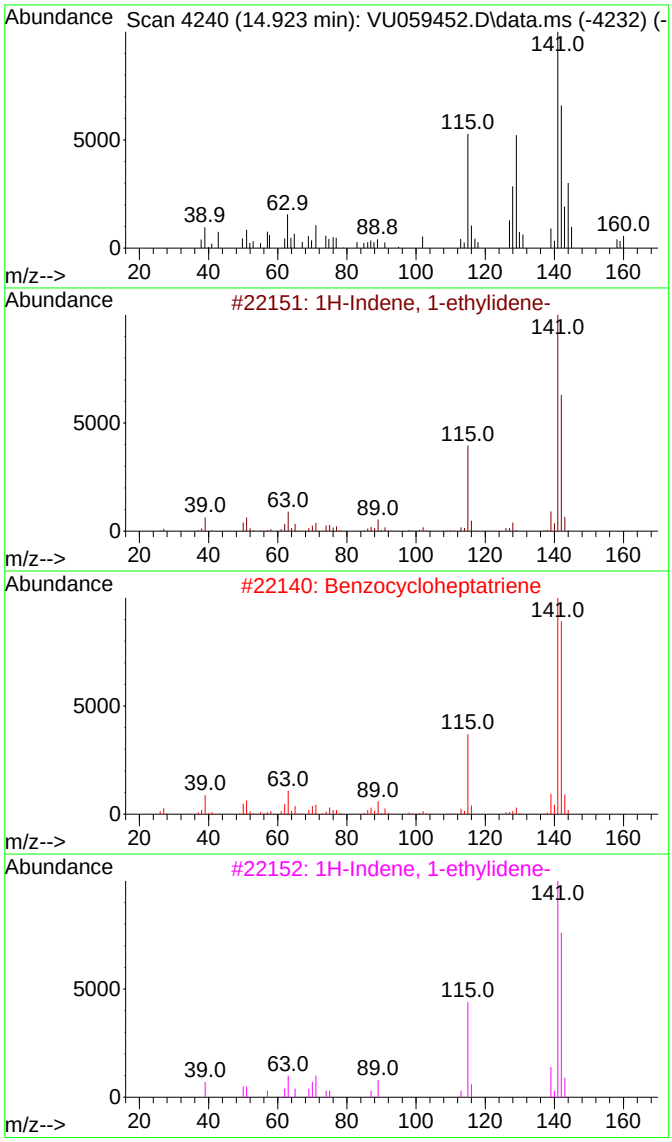
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

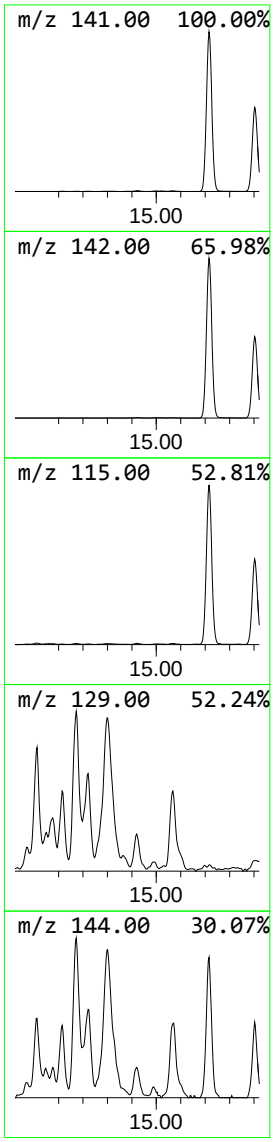
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1H-Indene, 1-ethylidene- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.923	2.77 ug/L	43854	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	53
2	Benzocycloheptatriene	142	C11H10	000264-09-5	53
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	49
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	49
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

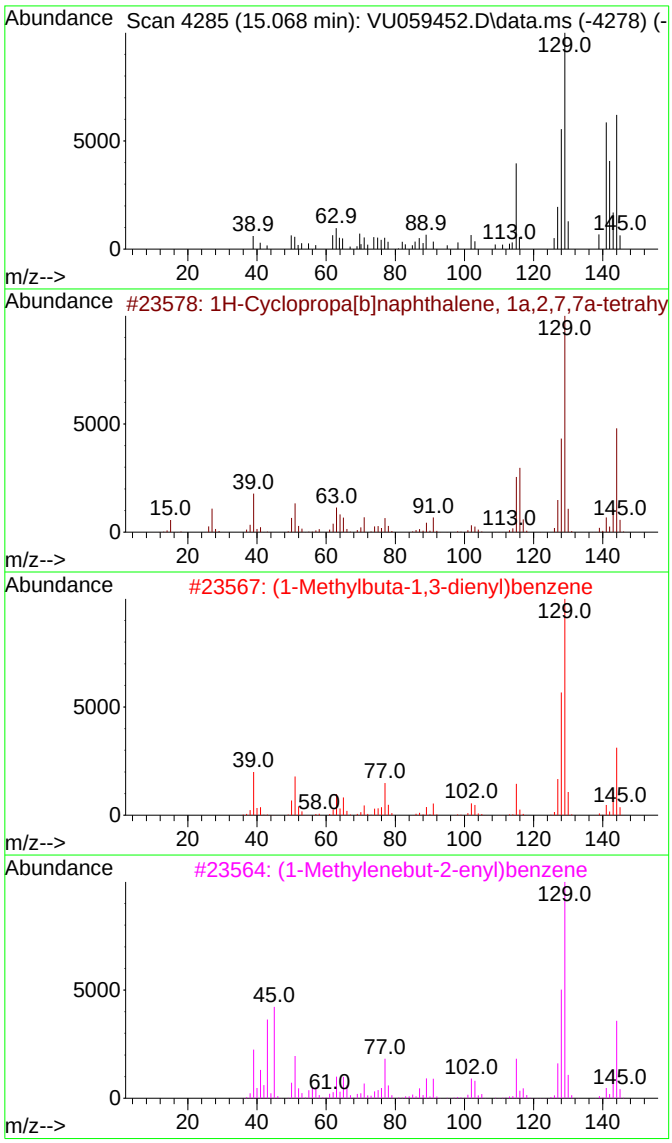
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

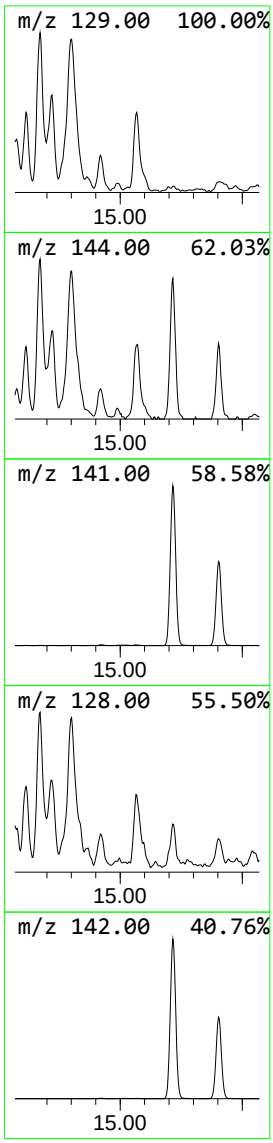
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (1-Methylbuta-1,3-dienyl)be... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.068	4.69 ug/L	74412	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	70
2	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	64
3	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	64
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	64
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

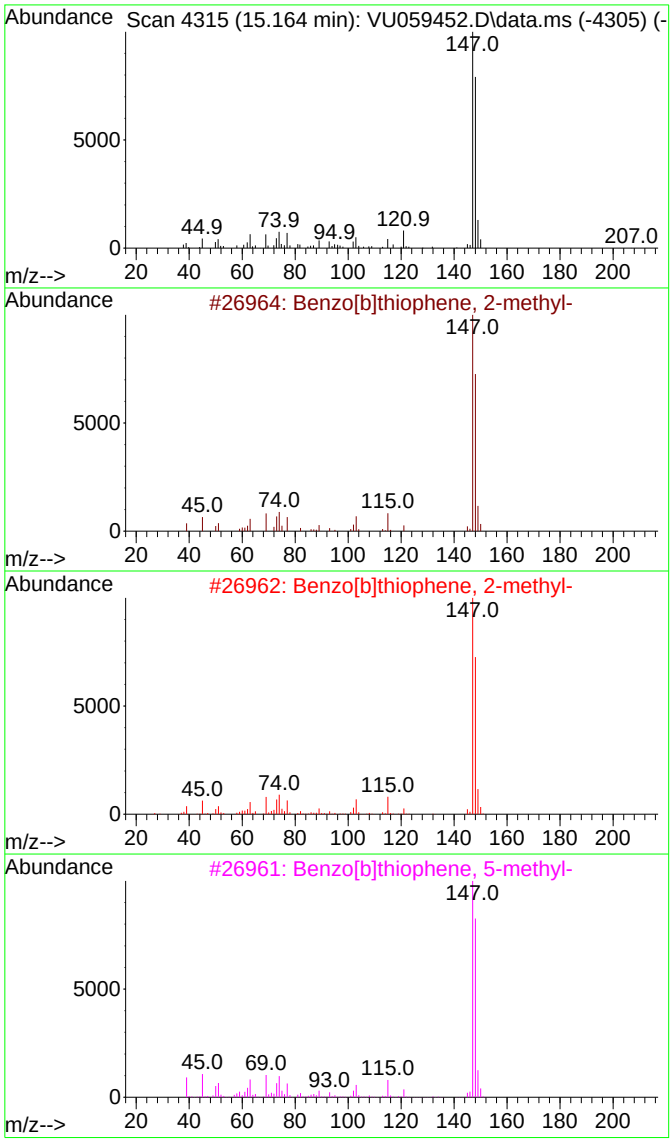
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

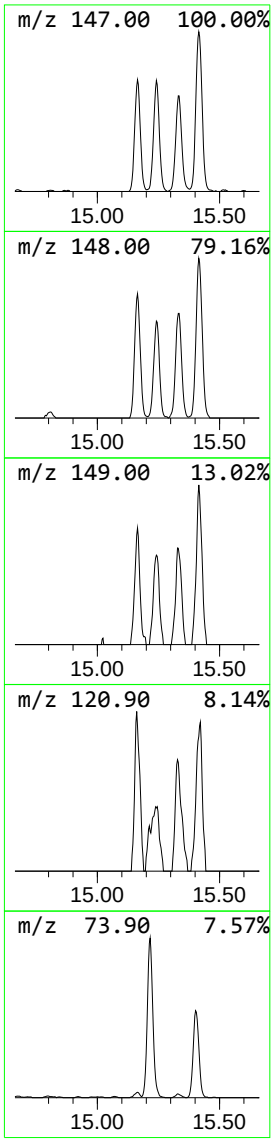
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzo[b]thiophene, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.164	5.15 ug/L	81625	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	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

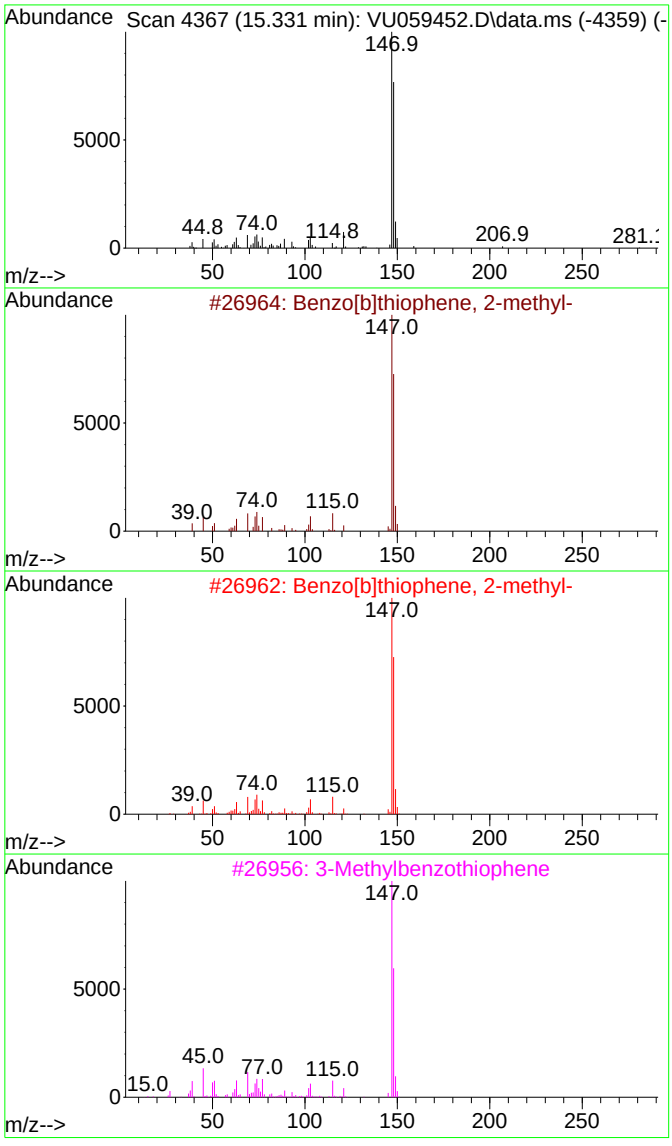
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

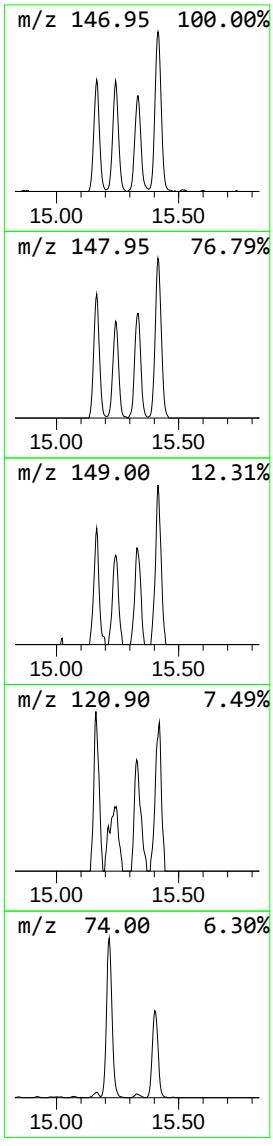
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 3-Methylbenzothiophene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.331	4.18 ug/L	66210	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	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

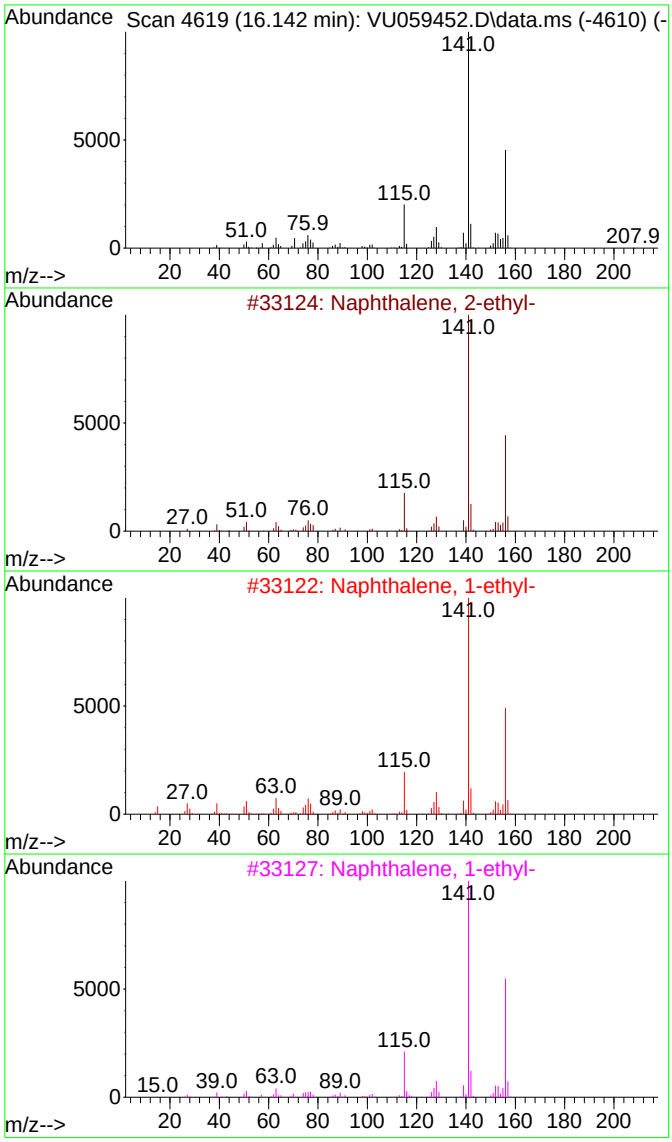
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

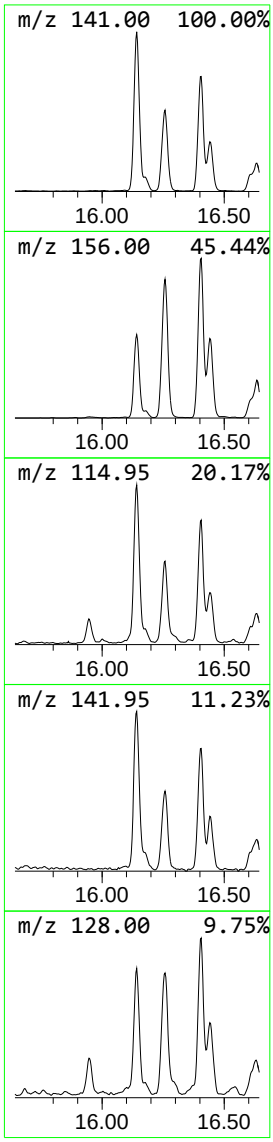
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.142	29.64 ug/L	470078	1,4-Dichlorobenzene-d4	11.807

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

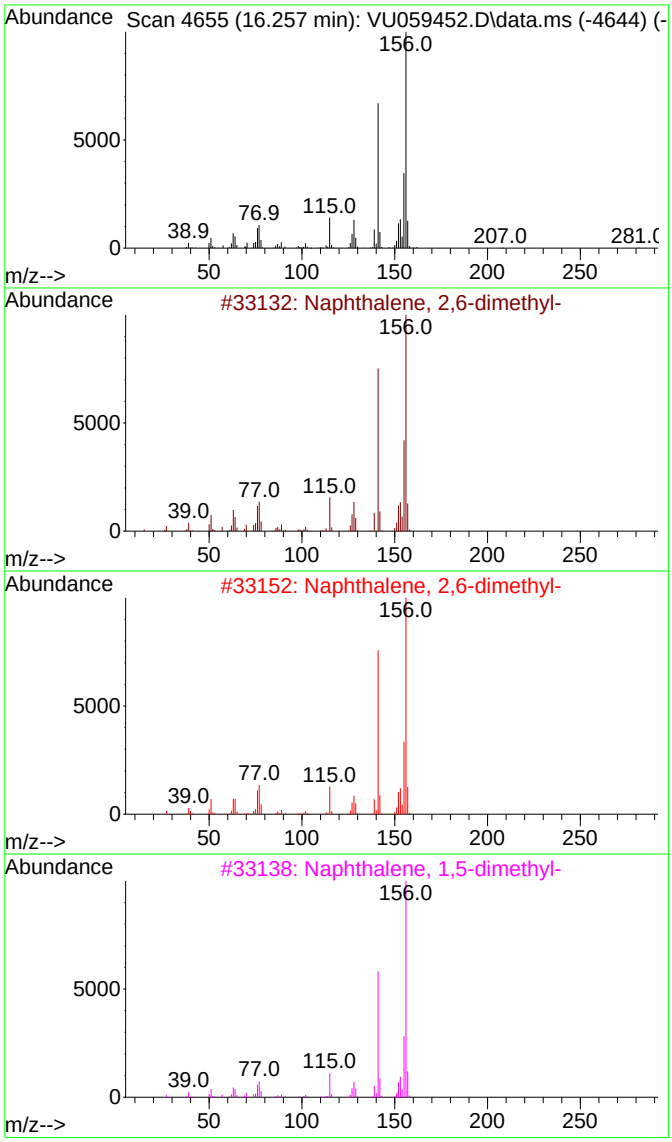
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

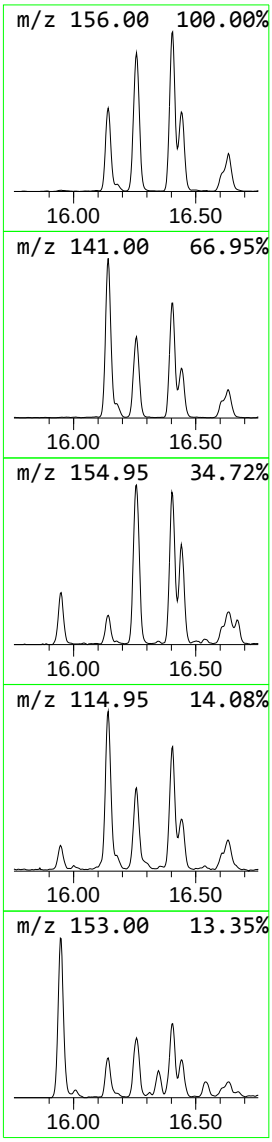
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.257	39.82 ug/L	631452	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, 2,6-dimethyl-	156	C12H12	000581-42-0	98
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\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

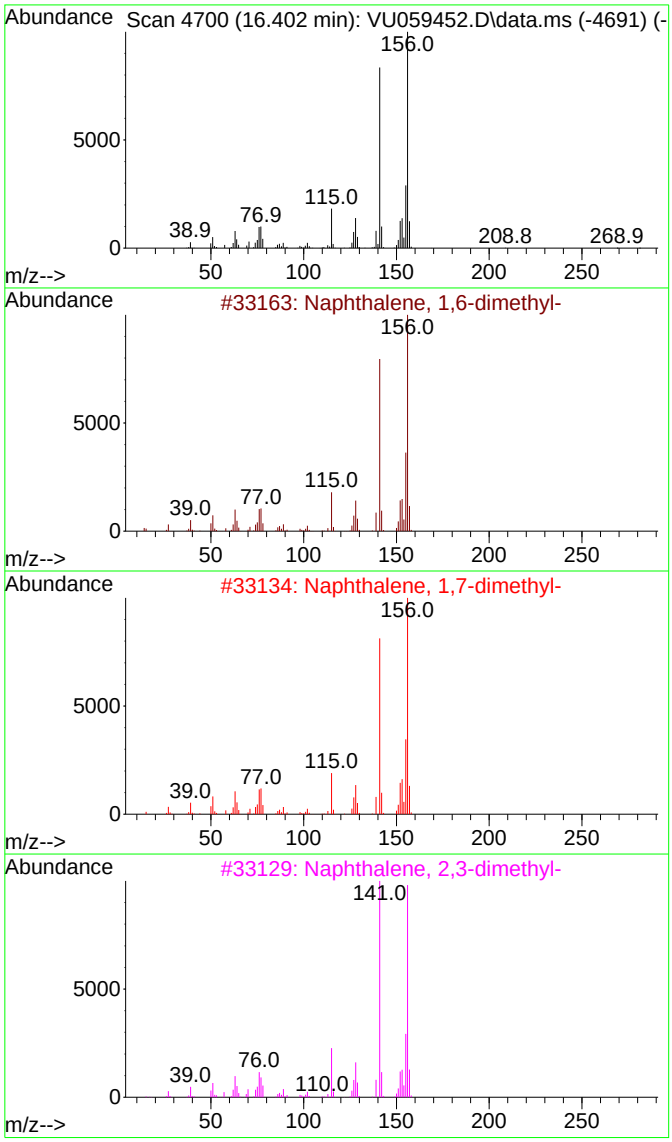
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

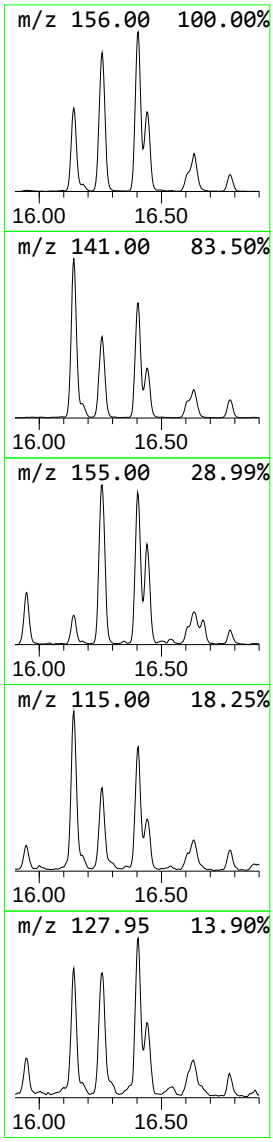
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.402	38.68 ug/L	613402	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

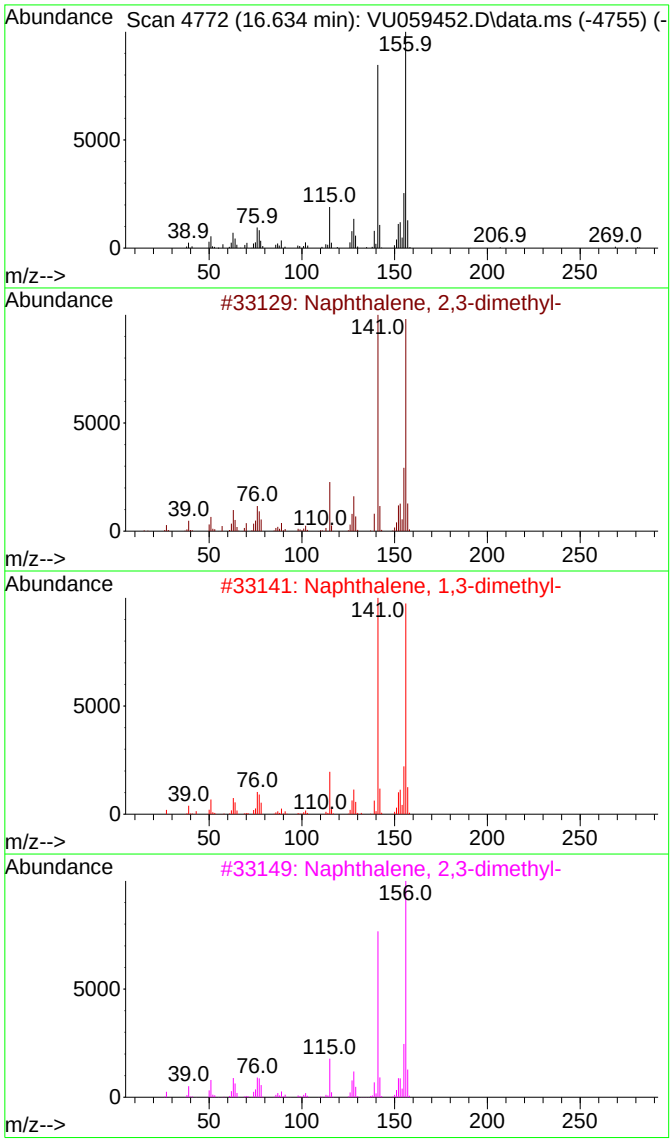
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

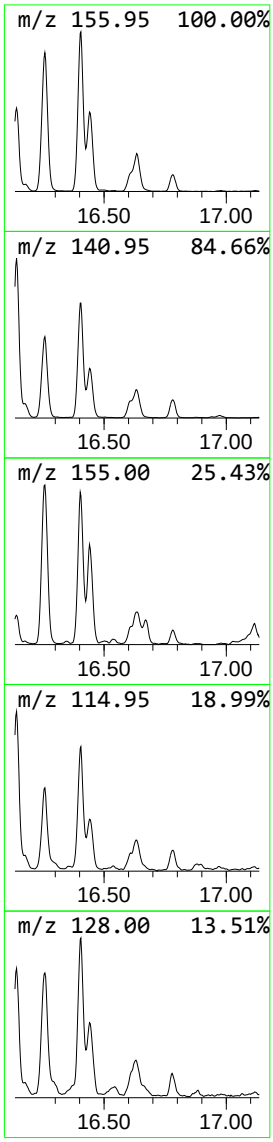
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.634	16.57 ug/L	262791	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, 1,3-dimethyl-	156	C12H12	000575-41-7	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059452.D
Acq On : 24 Jun 2024 16:02
Operator : MD/SY
Sample : P2962-07 10X
Misc : 2.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T79

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, propyl-	10.901	3.7	ug/L	58525	3	11.807	792928	50.0
Benzene, 1-ethy...	10.991	64.3	ug/L	1019270	3	11.807	792928	50.0
Benzene, 1-ethy...	11.287	6.5	ug/L	103519	3	11.807	792928	50.0
Benzene, 1-ethe...	11.534	24.9	ug/L	395323	3	11.807	792928	50.0
p-Cymene	11.737	4.5	ug/L	72169	3	11.807	792928	50.0
Benzene, 1-prop...	11.943	10.8	ug/L	171527	3	11.807	792928	50.0
Indane	12.090	19.2	ug/L	303884	3	11.807	792928	50.0
Indene	12.306	180.6	ug/L	2863360	3	11.807	792928	50.0
Benzene, 1-ethy...	12.566	14.3	ug/L	226409	3	11.807	792928	50.0
Benzene, 1-ethe...	12.621	6.1	ug/L	97345	3	11.807	792928	50.0
2,4-Dimethylsty...	12.743	19.1	ug/L	302453	3	11.807	792928	50.0
Benzene, 2-bute...	12.804	4.8	ug/L	76275	3	11.807	792928	50.0
Benzene, 1,2,3,...	13.023	8.7	ug/L	137237	3	11.807	792928	50.0
Benzene, 4-ethe...	13.151	4.8	ug/L	75805	3	11.807	792928	50.0
Benzene, 2-ethe...	13.287	3.8	ug/L	60862	3	11.807	792928	50.0
Benzene, 1-meth...	13.444	9.8	ug/L	155123	3	11.807	792928	50.0
1,4-Dihydronaph...	13.515	51.7	ug/L	820434	3	11.807	792928	50.0
Benzene,1-methy...	13.621	58.2	ug/L	922958	3	11.807	792928	50.0
Cycloprop[a]ind...	13.720	6.7	ug/L	105444	3	11.807	792928	50.0
Benzo[c]thiophene	14.200	19.2	ug/L	304320	3	11.807	792928	50.0
1H-Indene, 4,7-...	14.672	5.5	ug/L	87747	3	11.807	792928	50.0
1H-Indene, 1,1-...	14.801	6.3	ug/L	100701	3	11.807	792928	50.0
1H-Indene, 1-et...	14.923	2.8	ug/L	43854	3	11.807	792928	50.0
(1-Methylbuta-1...	15.068	4.7	ug/L	74412	3	11.807	792928	50.0
Benzo[b]thiophe...	15.164	5.2	ug/L	81625	3	11.807	792928	50.0
3-Methylbenzoth...	15.331	4.2	ug/L	66210	3	11.807	792928	50.0
Naphthalene, 2-...	16.142	29.6	ug/L	470078	3	11.807	792928	50.0
Naphthalene, 2,...	16.257	39.8	ug/L	631452	3	11.807	792928	50.0
Naphthalene, 1,...	16.402	38.7	ug/L	613402	3	11.807	792928	50.0
Naphthalene, 2,...	16.634	16.6	ug/L	262791	3	11.807	792928	50.0