LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Title : VOC Analysis

Signal : TIC: VV032121.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	67	74	88	rBV	126423	133624	0.88%	0.476%
2	1.532	146	153	170	rVB	100721	120412	0.79%	0.429%
3	2.060	307	317	328	rBV	190726	277720	1.83%	0.989%
4	2.449	429	438	452	rBV	16464	28000	0.18%	0.100%
5	2.571	464	476	480	rBV5	949	1962	0.01%	0.007%
6	2.706	514	518	520	rBV2	491	390	0.00%	0.001%
7	2.937	584	590	593	rVV4	377	409	0.00%	0.001%
8	2.973	598	601	605	rVB2	596	368	0.00%	0.001%
9	3.121	644	647	650	rVV2	579	480	0.00%	0.002%
10	3.789	845	855	894	rBV2	71389	215207	1.42%	0.766%
11	4.252	982	999	1021	rBV2	125573	323865	2.13%	1.153%
12	4.580	1095	1101	1106	rVB4	536	672	0.00%	0.002%
13	4.960	1203	1219	1234	rBV2	320968	854325	5.62%	3.042%
14	5.220	1290	1300	1321	rBV4	5037	12410	0.08%	0.044%
15	5.538	1387	1399	1424	rBV	246667	508214	3.34%	1.810%
16	5.834	1480	1491	1504	rVV4	5985	13269	0.09%	0.047%
17	5.992	1524	1540	1579	rBV	183200	392559	2.58%	1.398%
18	6.307	1627	1638	1642	rBV3	2093	4059	0.03%	0.014%
19	6.400	1658	1667	1696	rBV	71861	147840	0.97%	0.526%
20	6.918	1816	1828	1856	rBV	99976	193492	1.27%	0.689%
21	7.127	1883	1893	1904	rBV	17008	29878	0.20%	0.106%
22	7.246	1919	1930	1949	rBV	384698	683317	4.50%	2.433%
23	7.558	2016	2027	2054	rBV2	81190	156298	1.03%	0.557%
24	7.866	2111	2123	2146	rBV	22939	40179	0.26%	0.143%
25	7.976	2147	2157	2163	rBV6	5113	8511	0.06%	0.030%
26	8.027	2164	2173	2198	rVV	201487	378208	2.49%	1.347%
27	8.136	2200	2207	2233	rVV	33474	66893	0.44%	0.238%
28	8.252	2236	2243	2271	rVB	15483	32075	0.21%	0.114%
29	8.368	2271	2279	2286	rBV5	2370	3532	0.02%	0.013%
30	8.625	2347	2359	2380	rBV	57280	98387	0.65%	0.350%
31	8.789	2396	2410	2445	rBV	382866	649443	4.27%	2.313%
32	8.950	2449	2460	2485	rVV	304221	486532	3.20%	1.733%
33	9.075	2488	2499	2525	rVB	128410	218270	1.44%	0.777%
34	9.252	2548	2554	2568	rVB5	3647	7524	0.05%	0.027%
35	9.352	2576	2585	2588	rBV3	810	1014	0.01%	0.004%
36	9.439	2602	2612	2616	rBV6	3627	4836	0.03%	0.017%

LSC Area Percent Report

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Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Title : VOC Analysis

37	9.484	2616	2626	2644	rVB	102543	168082	1.11%	0.599%
38	9.718	2694	2699	2700	rBV3	1076	863	0.01%	0.003%
39	9.873	2736	2747	2759	rBV	16343	26220	0.17%	0.093%
40	10.156	2821	2835	2859	rBV	247204	389921	2.57%	1.389%
41	10.297	2871	2879	2884	rBV3	3334	4741	0.03%	0.017%
42	10.390	2898	2908	2914	rBV2	54757	96342	0.63%	0.343%
43	10.480	2927	2936	2951	rVB	20108	30566	0.20%	0.109%
44	10.542	2951	2955	2962	rVB5	1350	1822	0.01%	0.006%
45	10.577	2962	2966	2968	rBV2	620	427	0.00%	0.002%
46	10.603	2969	2974	2982	rVB5	1220	1855	0.01%	0.007%
47	10.680	2988	2998	3004	rBV	13145	21076	0.14%	0.075%
48	10.857	3039	3053	3067	rBV	70571	112396	0.74%	0.400%
49	10.931	3067	3076	3090	rVB	13738	21850	0.14%	0.078%
50	11.127	3124	3137	3145	rBV5	7734	17194	0.11%	0.061%
51	11.188	3145	3156	3175	rVV	459395	715615	4.71%	2.548%
52	11.278	3175	3184	3196	rVV2	39301	62474	0.41%	0.222%
53	11.342	3196	3204	3215	rVB2	10361	15663	0.10%	0.056%
54	11.468	3230	3243	3261	rBV	1142904	1754664	11.55%	6.249%
55	11.564	3262	3273	3293	rVB	412927	653902	4.30%	2.329%
56	11.689	3302	3312	3327	rVB	28146	46093	0.30%	0.164%
57	11.767	3331	3336	3340	rVB4	603	564	0.00%	0.002%
58	11.808	3342	3349	3356	rVB4	1936	2518	0.02%	0.009%
59	11.857	3356	3364	3367	rBV3	3542	4436	0.03%	0.016%
60	11.959	3386	3396	3405	rBV	11741	18644	0.12%	0.066%
61	12.056	3417	3426	3442	rVB2	14161	24047	0.16%	0.086%
62	12.140	3442	3452	3462	rBV3	7111	10476	0.07%	0.037%
63	12.201	3462	3471	3479	rVB3	4327	6000	0.04%	0.021%
64	12.255	3479	3488	3494	rBV5	2574	3181	0.02%	0.011%
65	12.303	3495	3503	3512	rBV2	9501	14801	0.10%	0.053%
66	12.355	3512	3519	3527	rVB3	3394	4670	0.03%	0.017%
67	12.410	3527	3536	3549	rBV4	18707	32561	0.21%	0.116%
68	12.551	3572	3580	3587	rBV6	1817	3102	0.02%	0.011%
69	12.596	3587	3594	3597	rVB3	1437	1769	0.01%	0.006%
70	12.667	3605	3616	3634	rVB	43947	67724	0.45%	0.241%
71	12.824	3652	3665	3675	rVV2	42091	62980	0.41%	0.224%
72	12.889	3675	3685	3697	rVB	45032	69772	0.46%	0.248%
73	12.995	3706	3718	3738	rBV	112069	189031	1.24%	0.673%
74	13.091	3738	3748	3757	rVV2	9949	15301	0.10%	0.054%
75	13.130	3757	3760	3761	rVV2	1537	1051	0.01%	0.004%
76	13.159	3763	3769	3779	rVB4	7393	11139	0.07%	0.040%

LSC Area Percent Report

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Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Title : VOC Analysis

77	13.213	3779	3786	3792	rBV5	3404	4379	0.03%	0.016%
78	13.310	3811	3816	3824	rVB4	3148	3581	0.02%	0.013%
79	13.442	3843	3857	3882	rBV	9754579	15194499	100.00%	54.110%
80	13.561	3883	3894	3916	rVB	530738	823418	5.42%	2.932%
81	13.760	3954	3956	3960	rVB4	629	380	0.00%	0.001%
82	13.850	3975	3984	3990	rBV4	5008	8398	0.06%	0.030%
83	13.982	4022	4025	4032	rVB7	2210	2589	0.02%	0.009%
84	14.040	4034	4043	4051	rVV8	9362	17037	0.11%	0.061%
85	14.088	4052	4058	4068	rVB5	6930	10715	0.07%	0.038%
86	14.162	4068	4081	4096	rBV4	9387	24786	0.16%	0.088%
87	14.233	4096	4103	4114	rVB5	7705	11657	0.08%	0.042%
88	14.291	4114	4121	4127	rBV8	1370	1995	0.01%	0.007%
89	14.345	4136	4138	4140	rBV3	631	449	0.00%	0.002%
90	14.432	4158	4165	4183	rVB6	4022	7693	0.05%	0.027%
91	14.519	4183	4192	4199	rBV	20620	31502	0.21%	0.112%
92	14.573	4199	4209	4234	rVV	377242	601025	3.96%	2.140%
93	14.689	4236	4245	4254	rVV	13702	21472	0.14%	0.076%
94	14.757	4255	4266	4283	rVV	251849	401333	2.64%	1.429%
95	15.307	4424	4437	4448	rBV2	29430	47315	0.31%	0.168%
96	15.461	4479	4485	4487	rBV3	1936	1748	0.01%	0.006%
97	15.496	4490	4496	4503	rVB2	8880	12121	0.08%	0.043%
98	15.612	4523	4532	4551	rVB4	8769	18307	0.12%	0.065%
99	15.754	4569	4576	4583	rBV2	11328	16714	0.11%	0.060%
100	16.426	4777	4785	4796	rBV	23571	37709	0.25%	0.134%

Sum of corrected areas: 28080529

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Data File : VV032121.D
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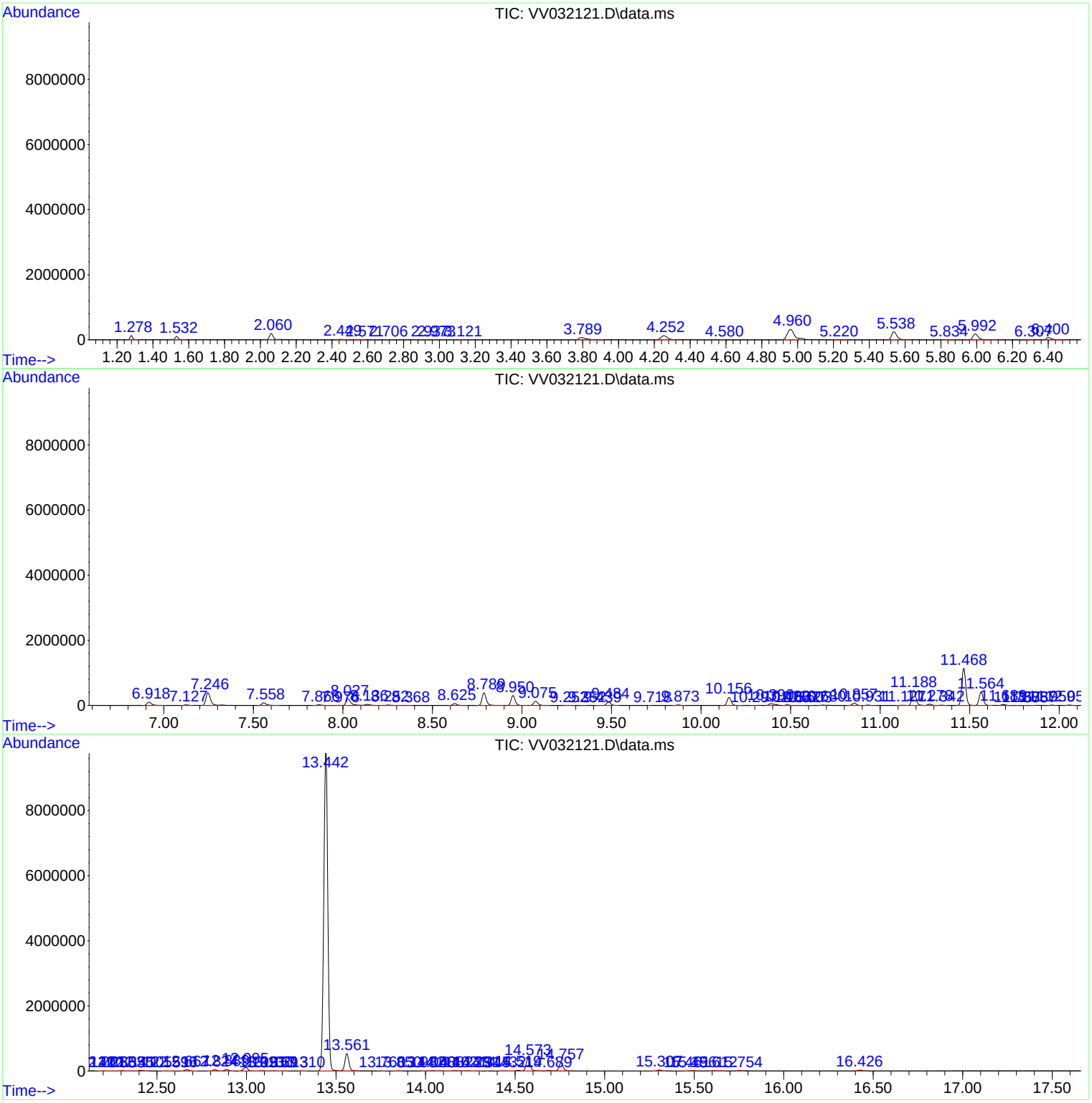
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

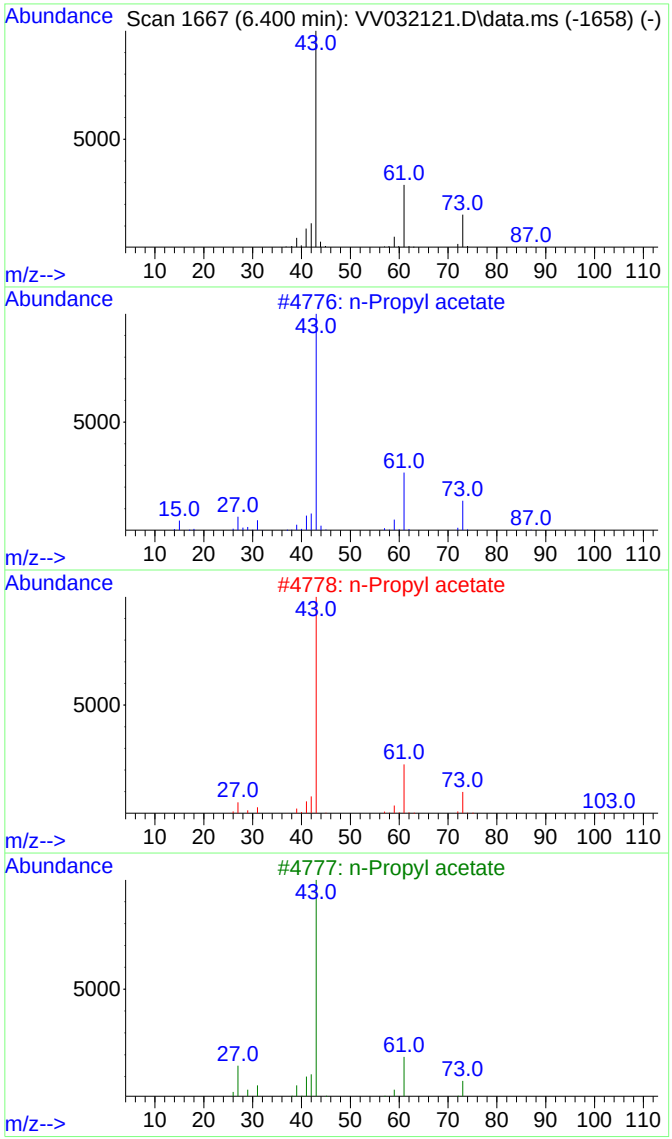
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

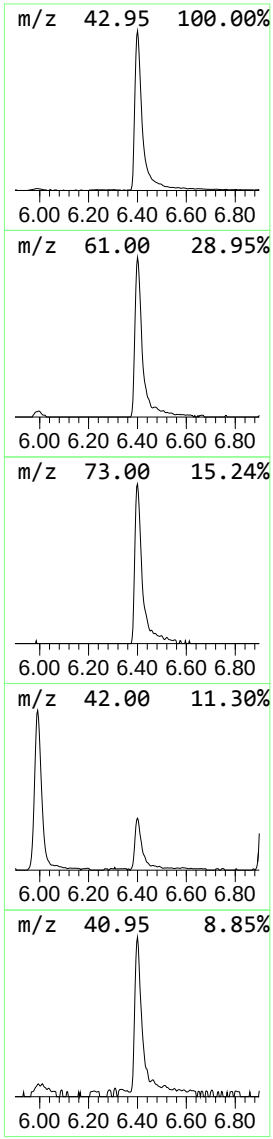
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Propyl acetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.400	14.55 ug/L	147840	1,4-Difluorobenzene	5.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	72
4	n-Propyl acetate	102	C5H10O2	000109-60-4	72
5	n-Propyl acetate	102	C5H10O2	000109-60-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

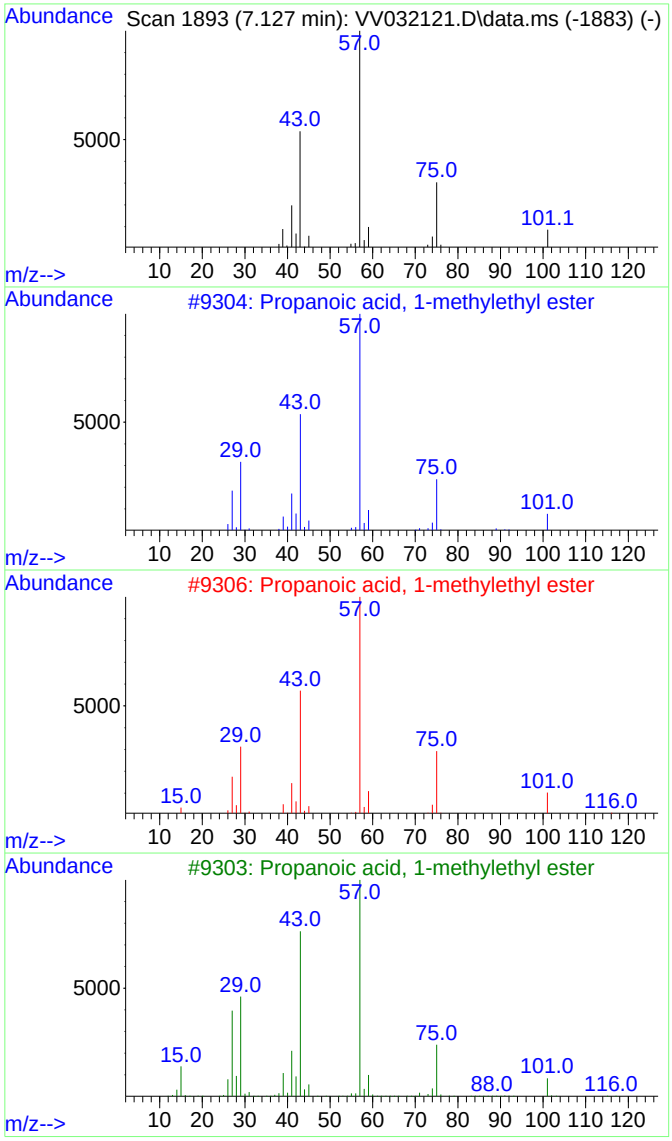
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

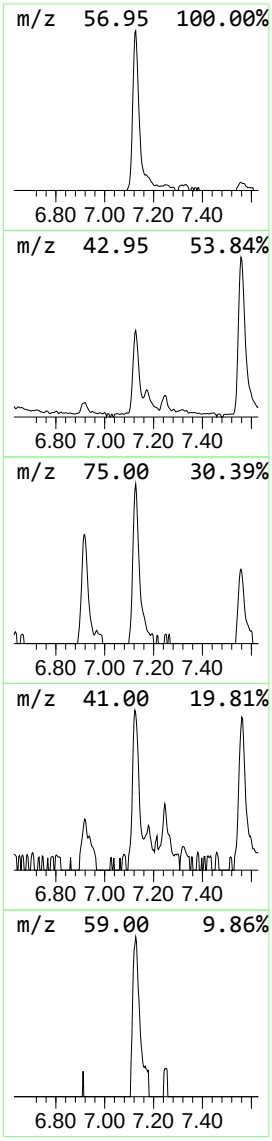
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Propanoic acid, 1-methyleth... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.127	2.94 ug/L	29878	1,4-Difluorobenzene	5.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	53
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
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Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

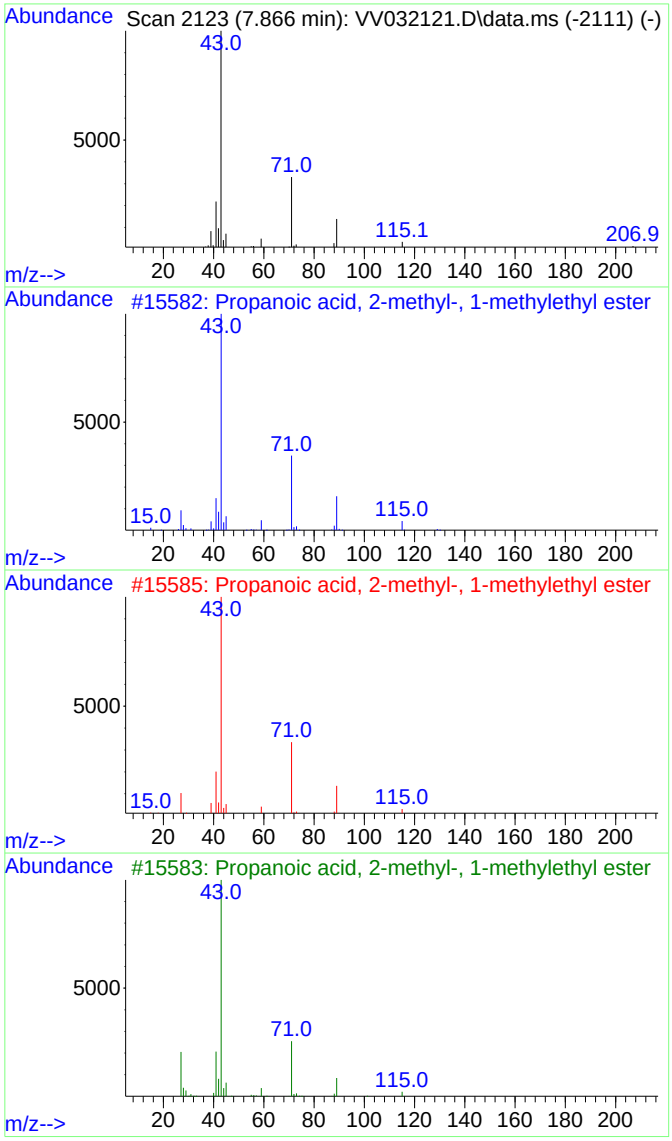
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

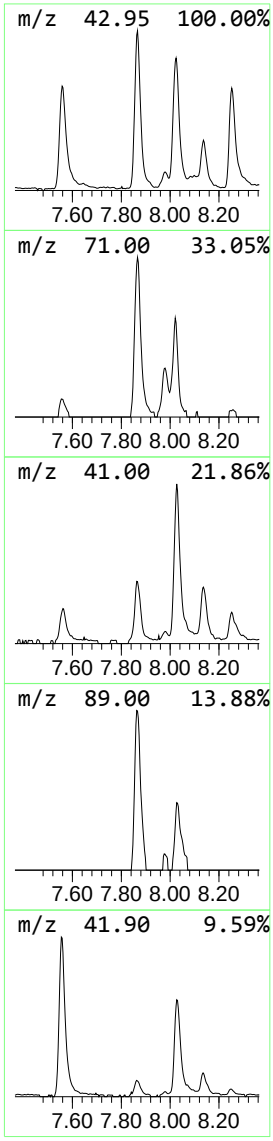
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.866	3.09 ug/L	40179	Chlorobenzene-d5	8.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

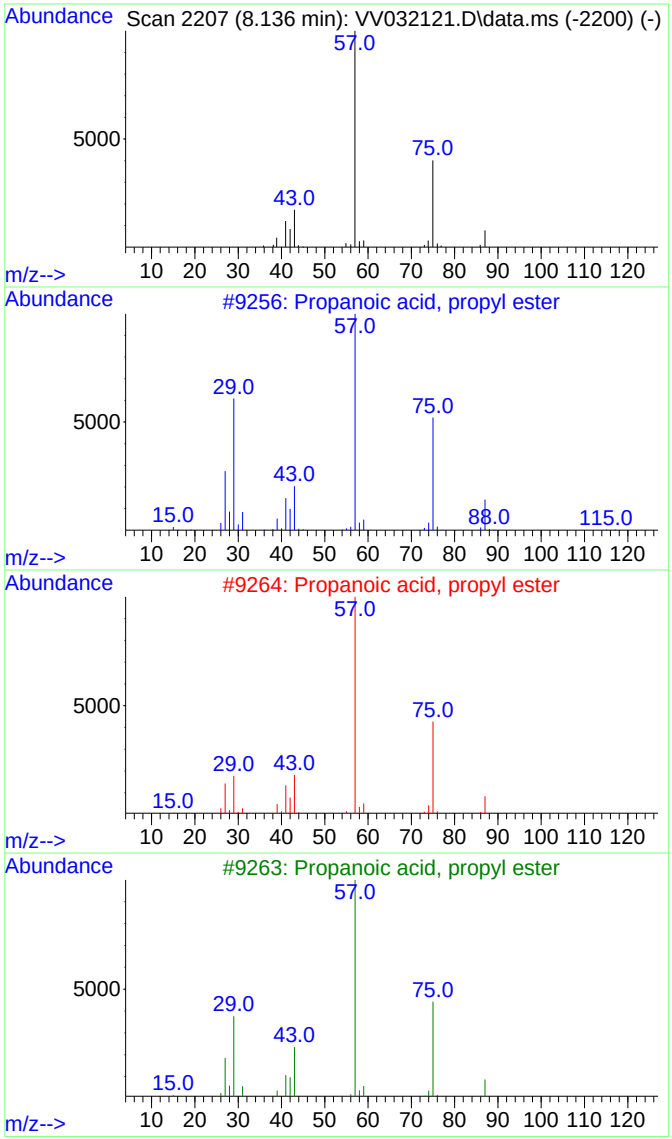
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

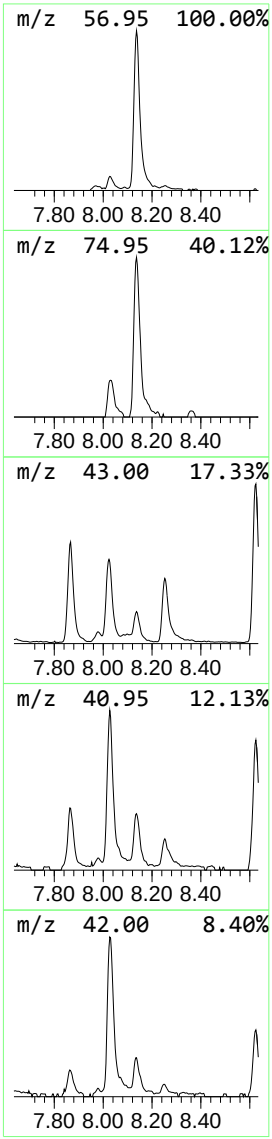
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Propanoic acid, propyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.136	5.15 ug/L	66893	Chlorobenzene-d5	8.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	72
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	50
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	47
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	38
5	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

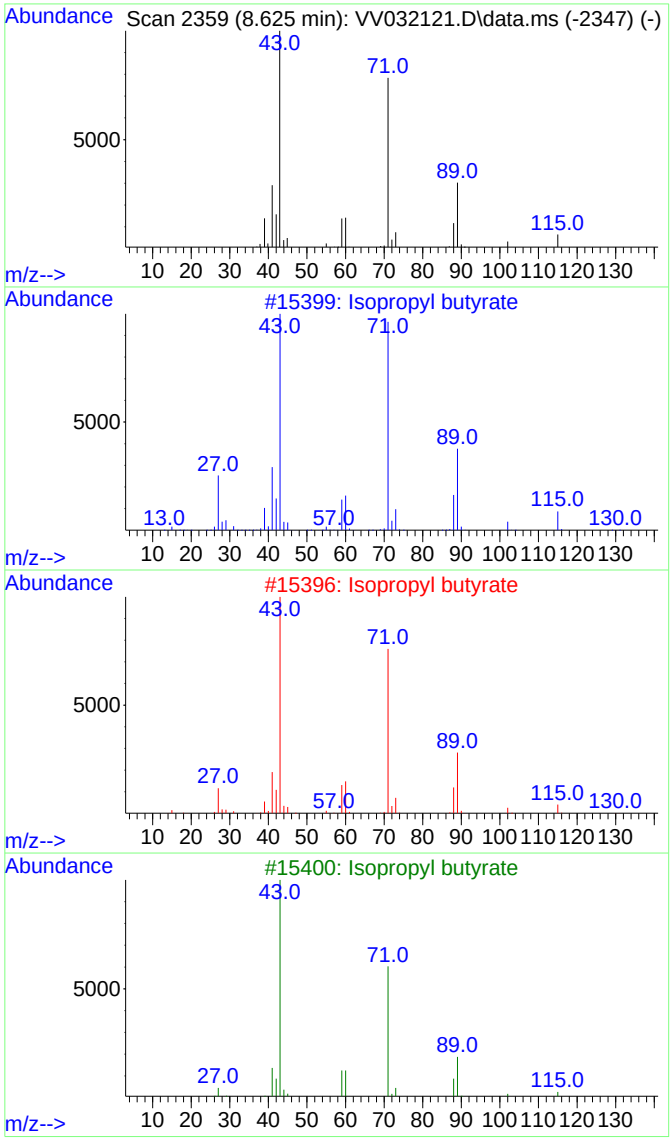
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

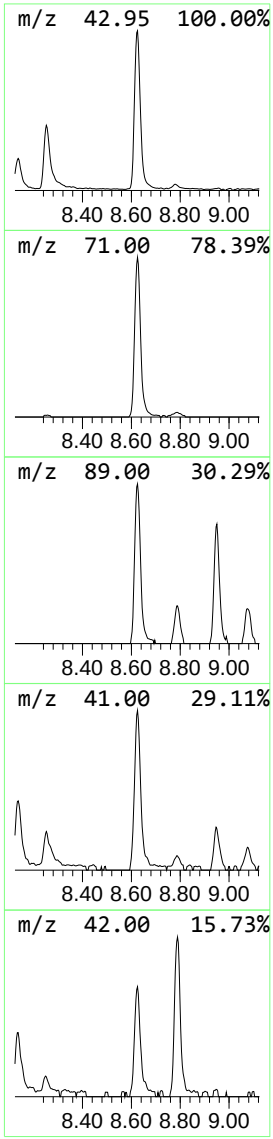
****

Peak Number 7 Isopropyl butyrate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.625	7.57 ug/L	98387	Chlorobenzene-d5	8.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl butyrate	130	C7H14O2	000638-11-9	91
2	Isopropyl butyrate	130	C7H14O2	000638-11-9	90
3	Isopropyl butyrate	130	C7H14O2	000638-11-9	83
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72





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Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

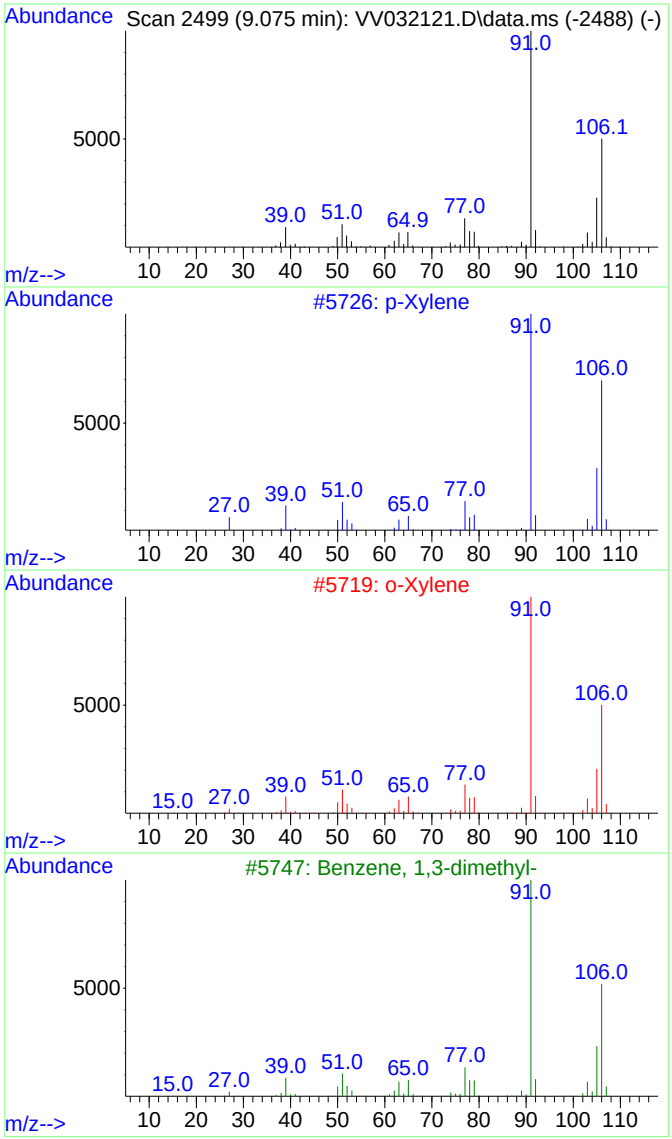
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

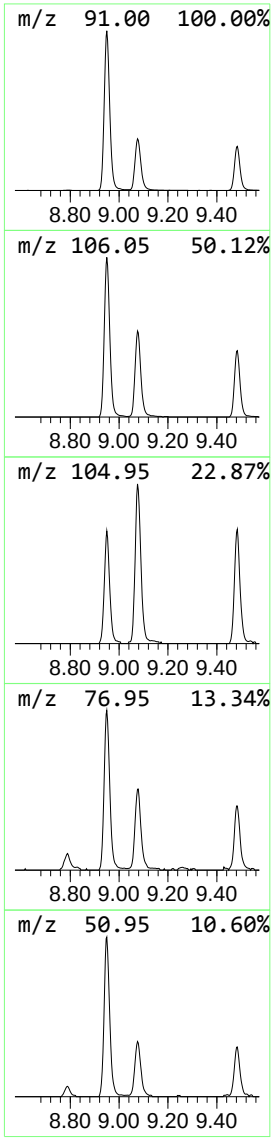
****

Peak Number 9 p-Xylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.075	16.80 ug/L	218270	Chlorobenzene-d5	8.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	97





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Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

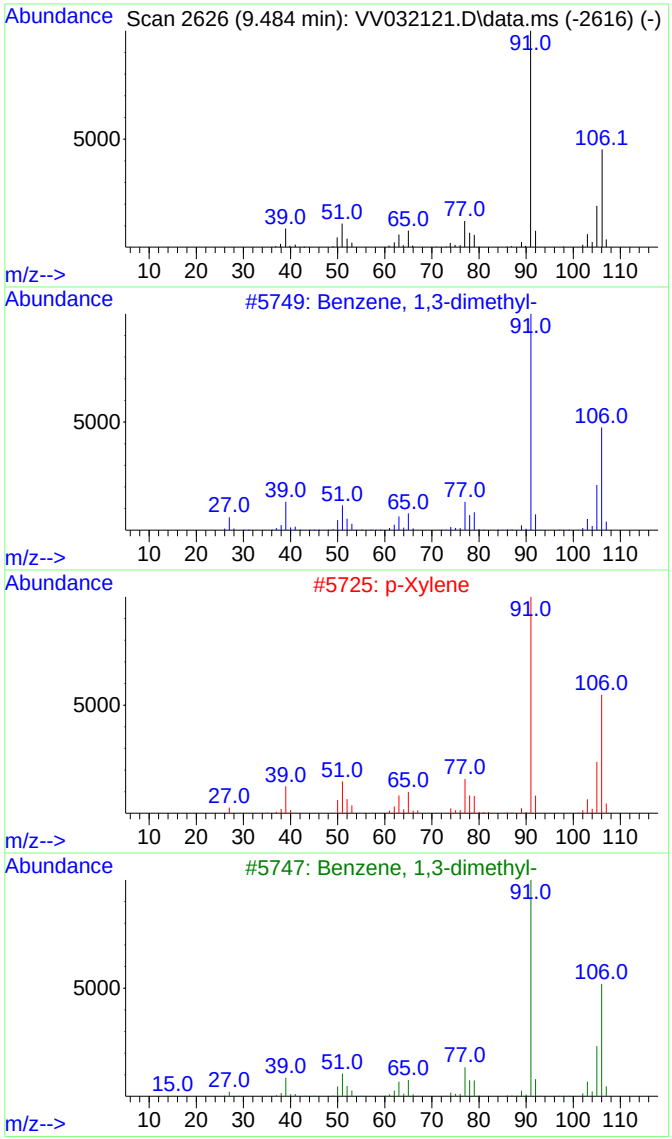
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

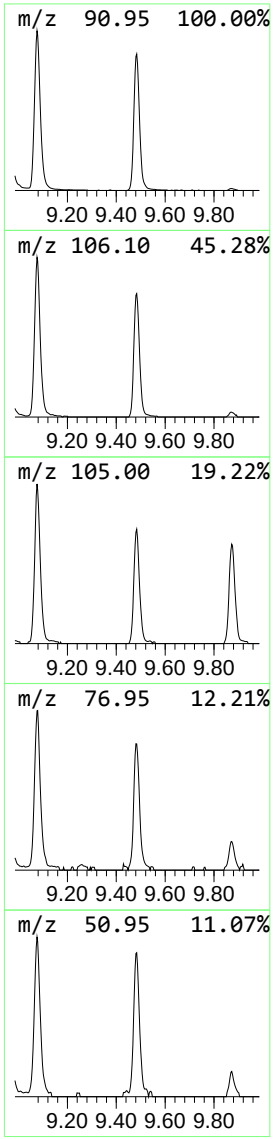
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.484	12.94 ug/L	168082	Chlorobenzene-d5	8.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	o-Xylene	106	C8H10	000095-47-6	97
5	p-Xylene	106	C8H10	000106-42-3	95





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Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

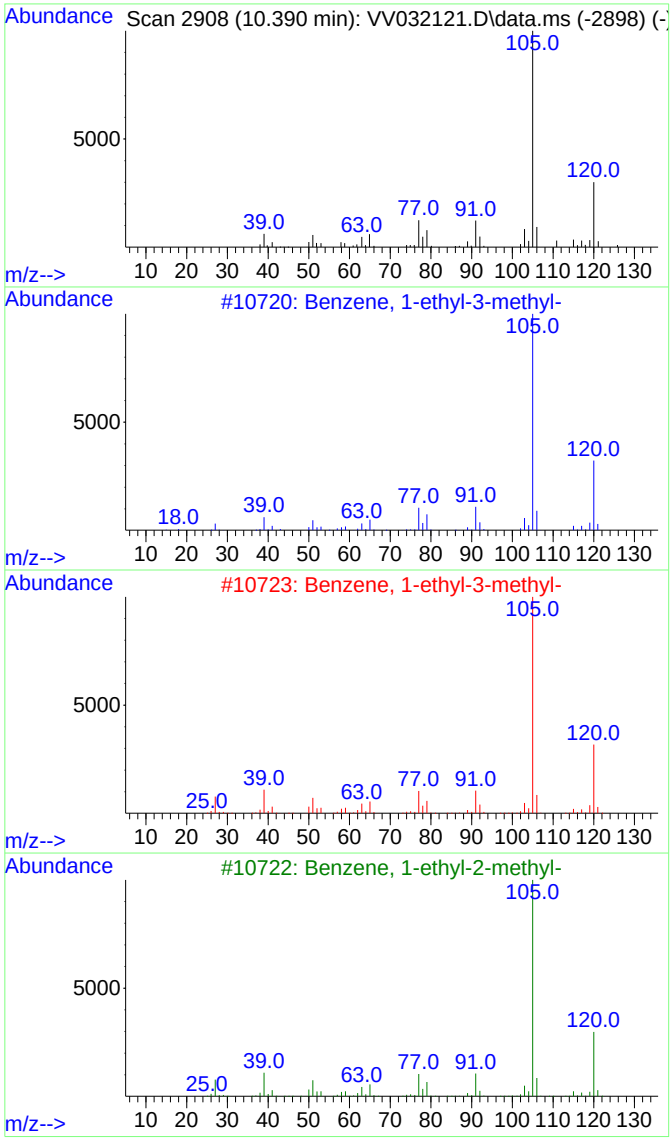
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

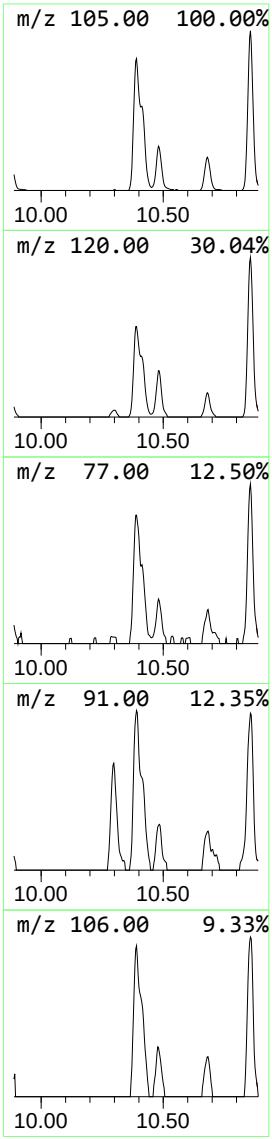
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.390	6.73 ug/L	96342	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

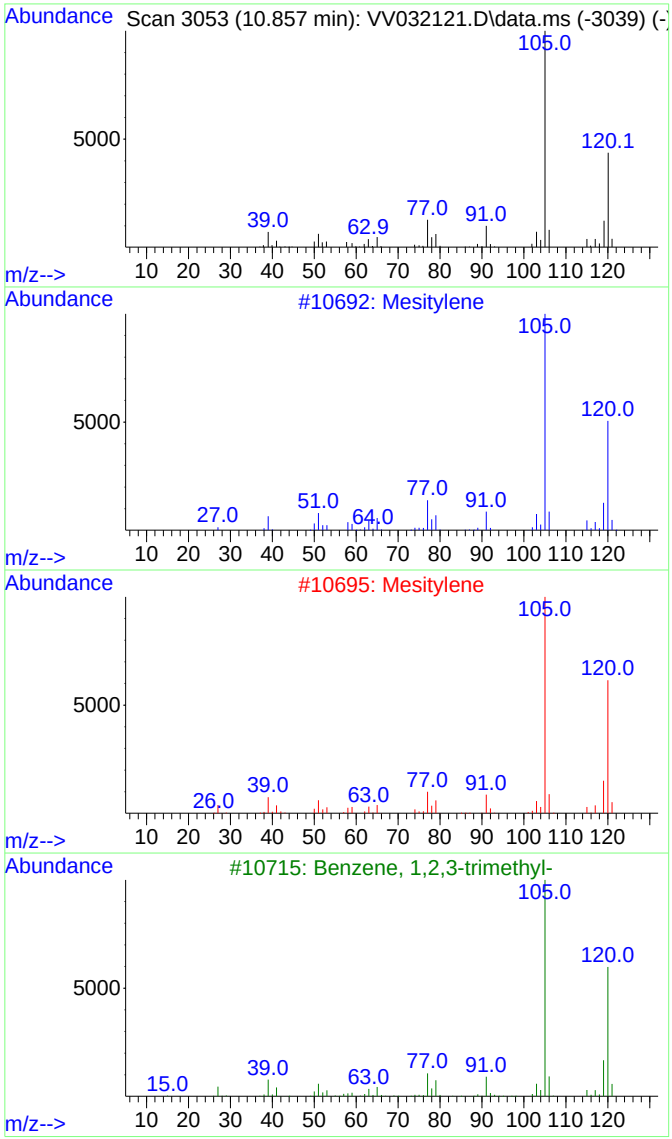
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

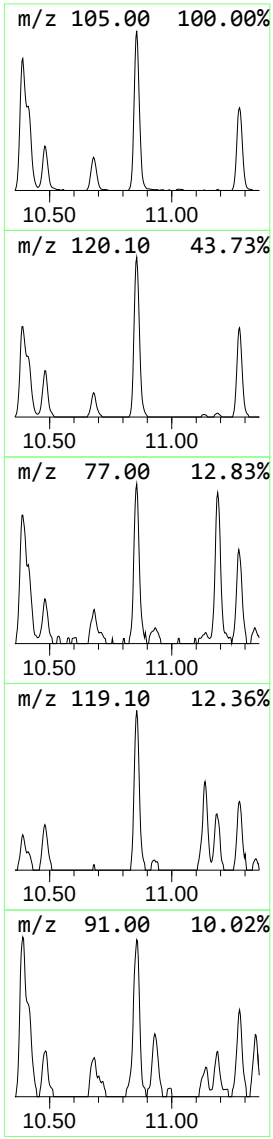
****

Peak Number 12 Mesitylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.857	7.85 ug/L	112396	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

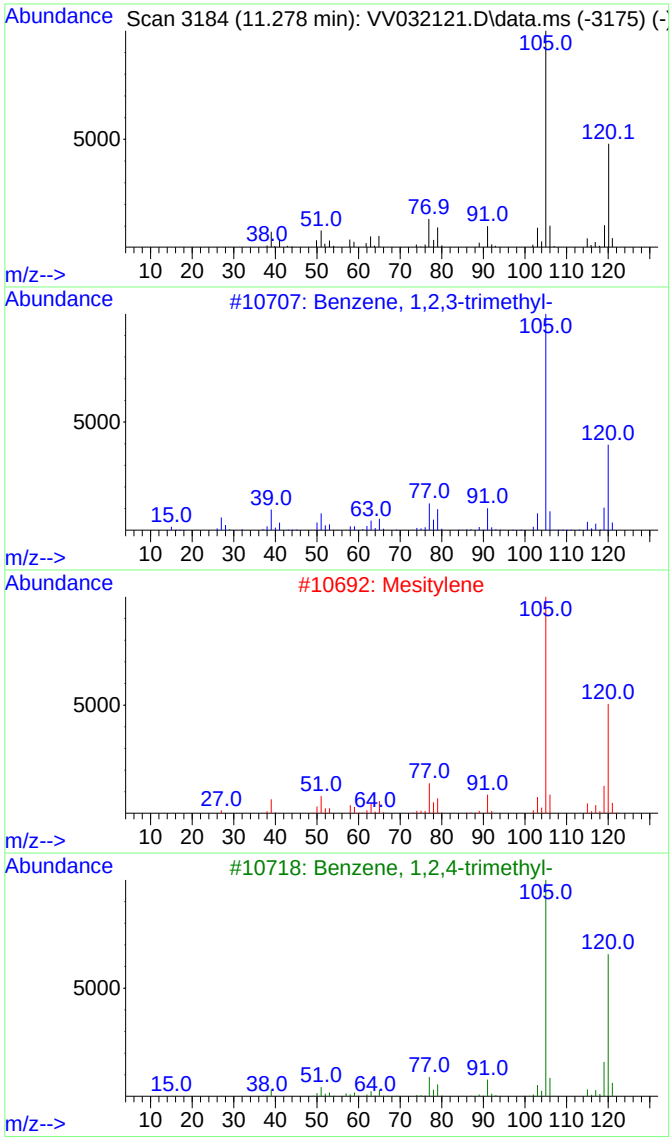
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

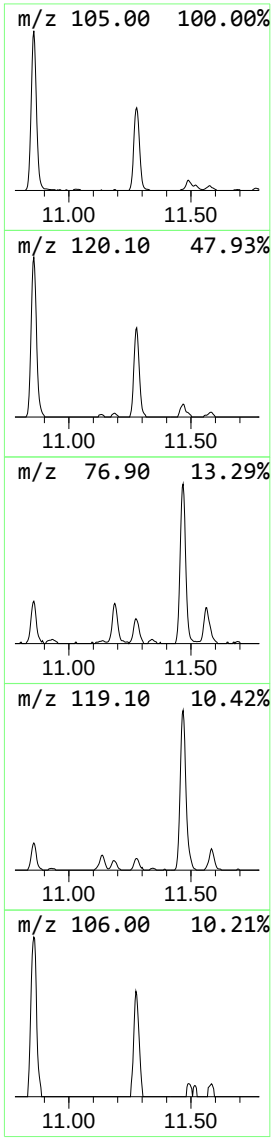
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.278	4.37 ug/L	62474	1,4-Dichlorobenzene-d4	11.188

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





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Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

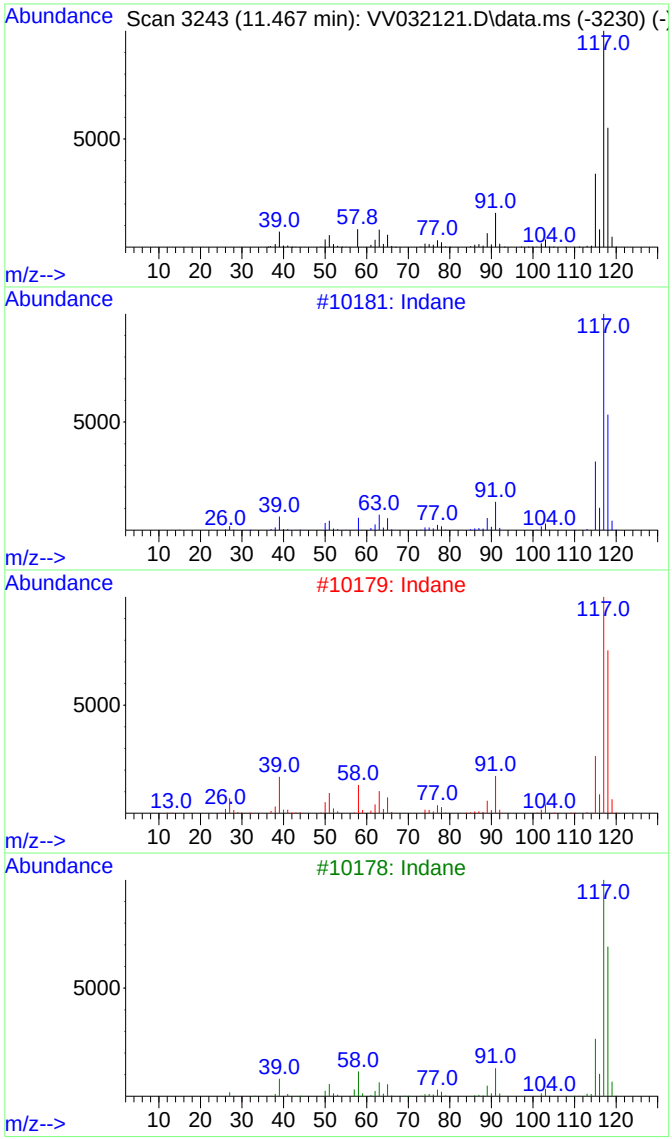
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

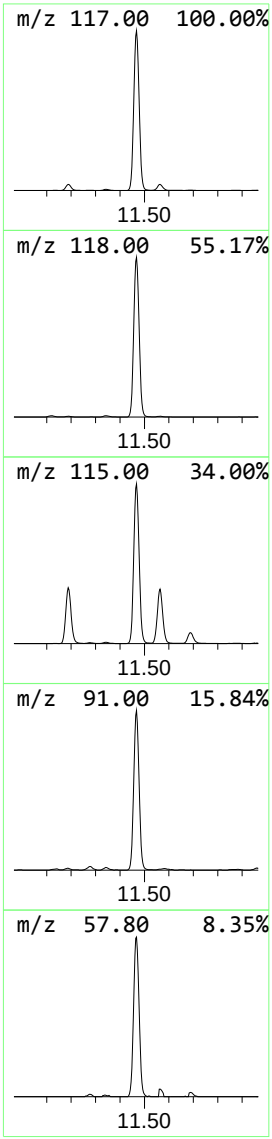
****

Peak Number 14 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.467	122.60 ug/L	1754660	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Deltacyclene	118	C9H10	007785-10-6	72





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Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

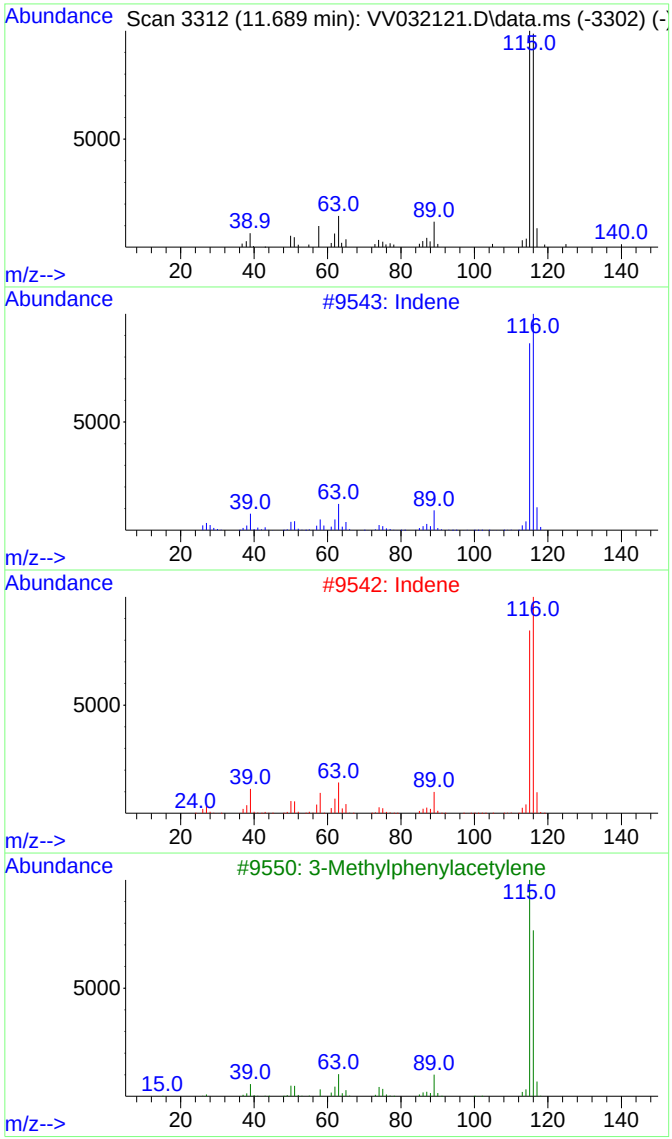
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

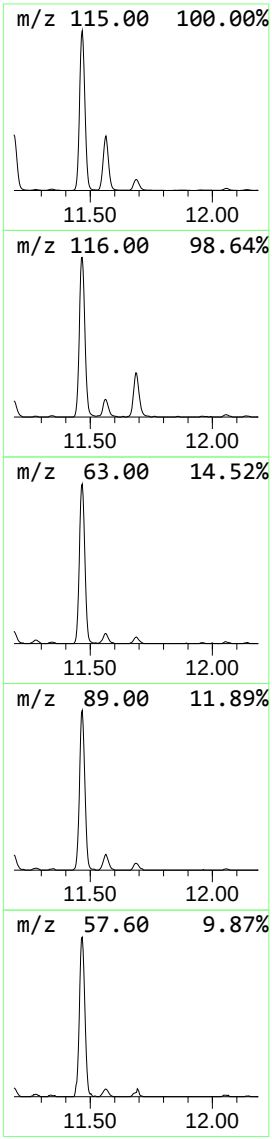
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Indene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.689	3.22 ug/L	46093	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Indene	116	C9H8	000095-13-6	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Indene	116	C9H8	000095-13-6	93
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





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Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

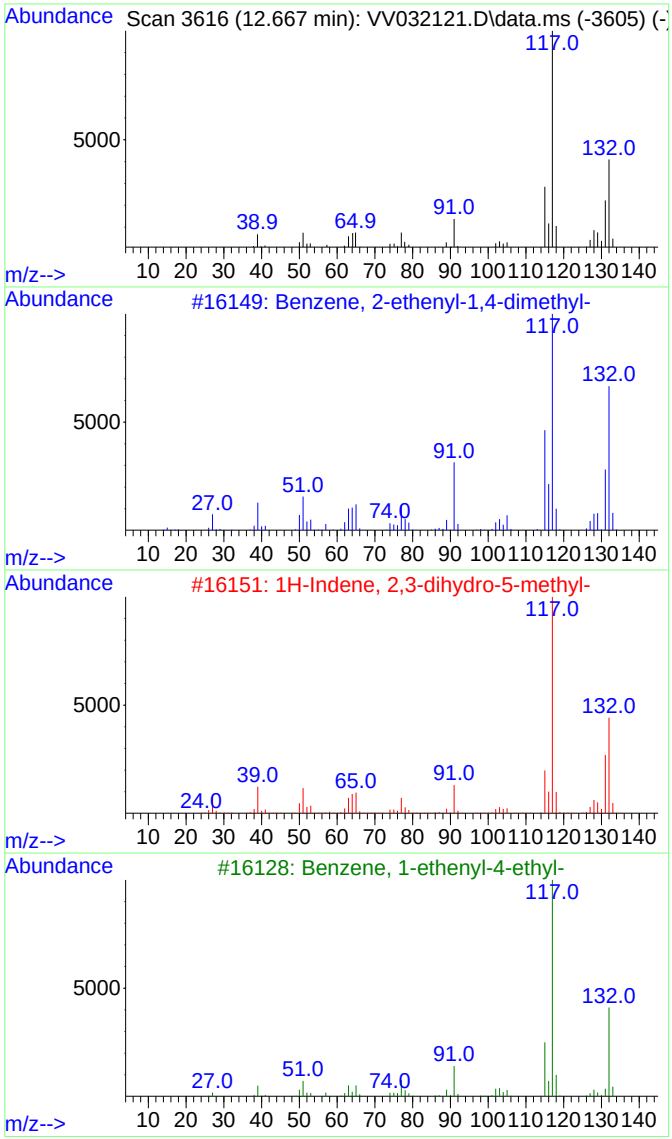
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

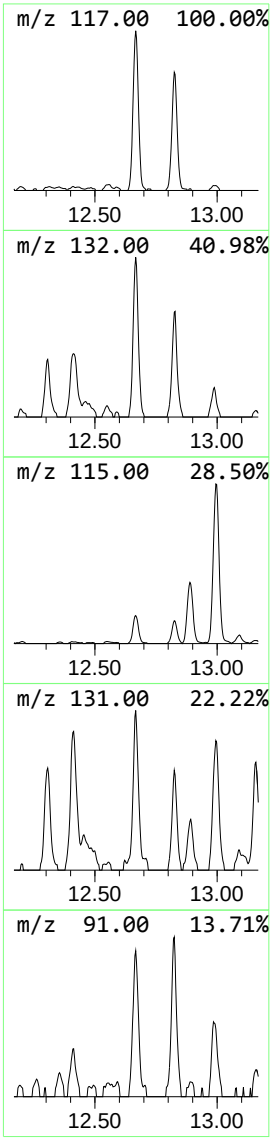
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.667	4.73 ug/L	67724	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87





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Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

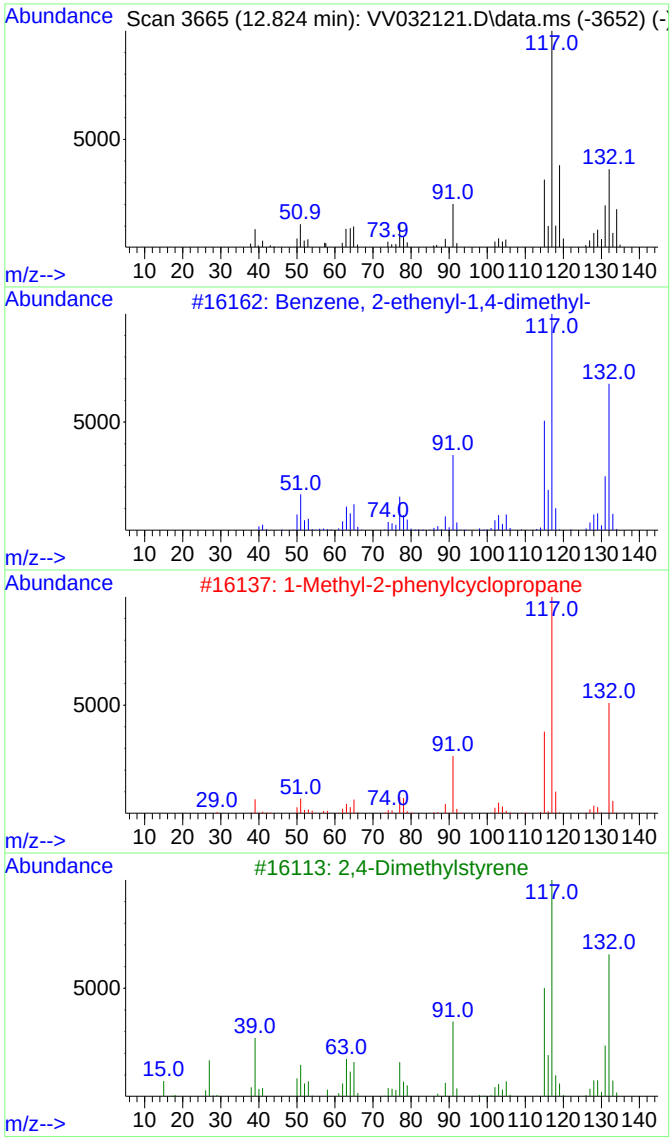
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

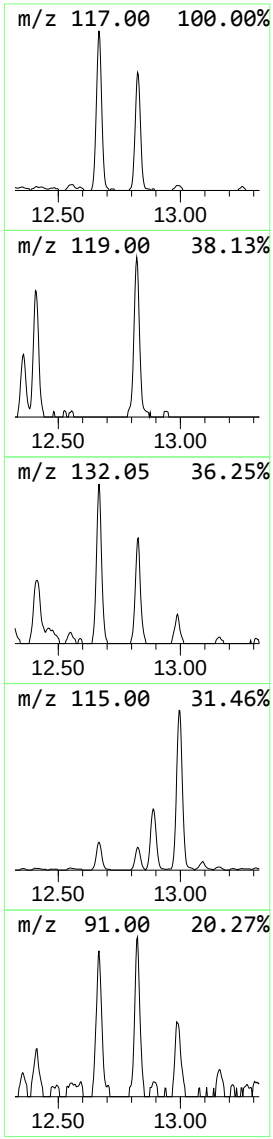
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1-Methyl-2-phenylcyclopropane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.824	4.40 ug/L	62980	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	86
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76





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Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

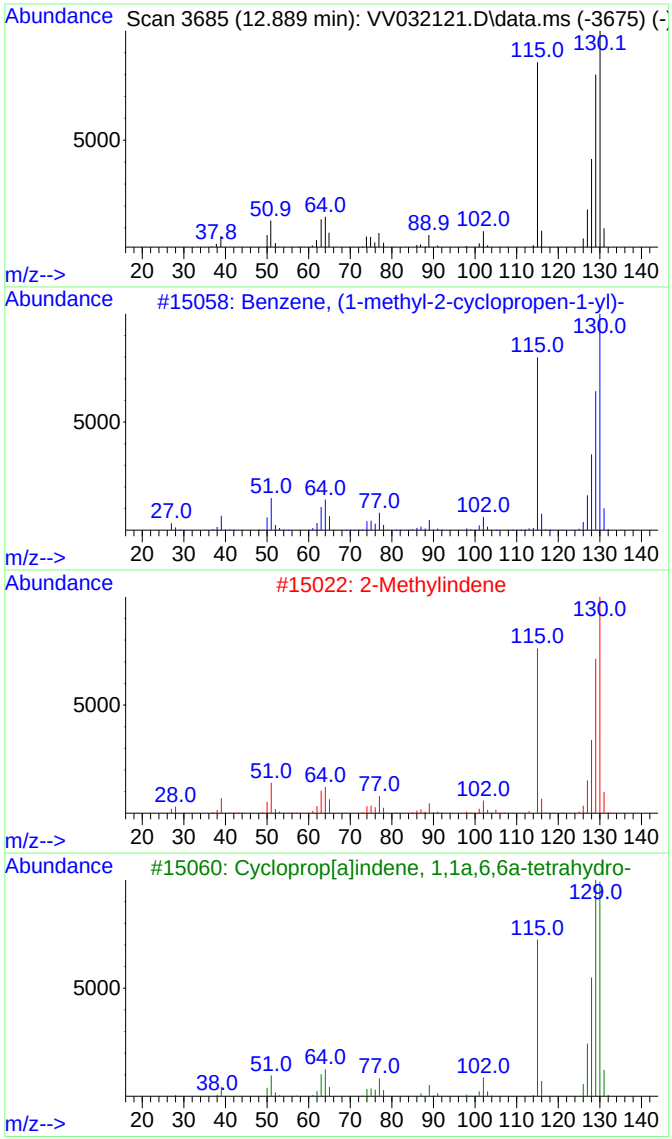
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

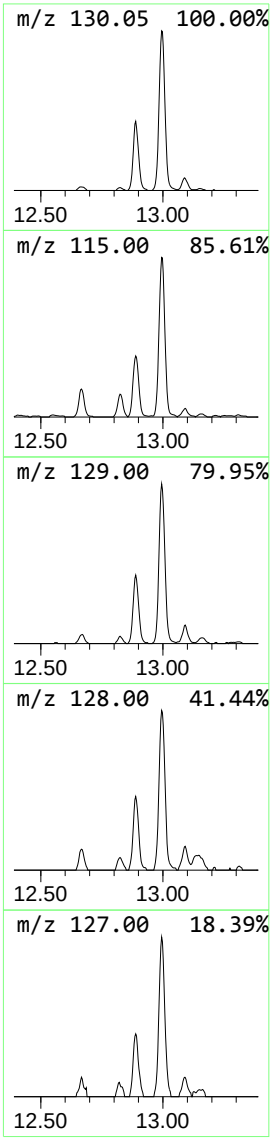
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, (1-methyl-2-cyclop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.889	4.87 ug/L	69772	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2	2-Methylindene	130	C10H10	002177-47-1	97
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





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Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

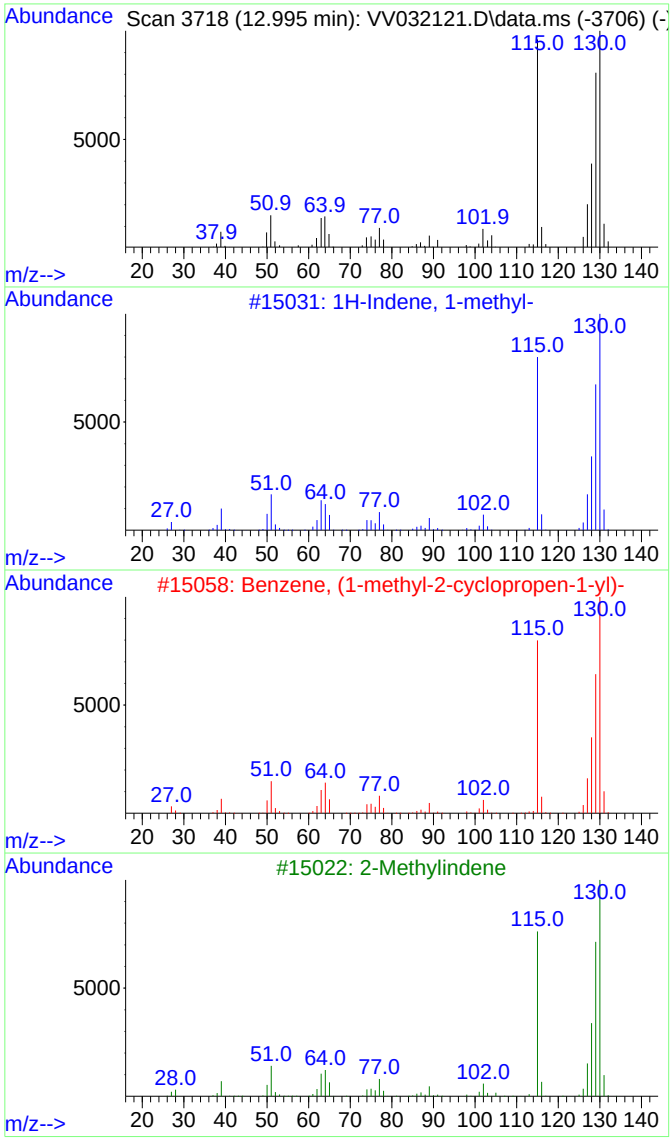
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

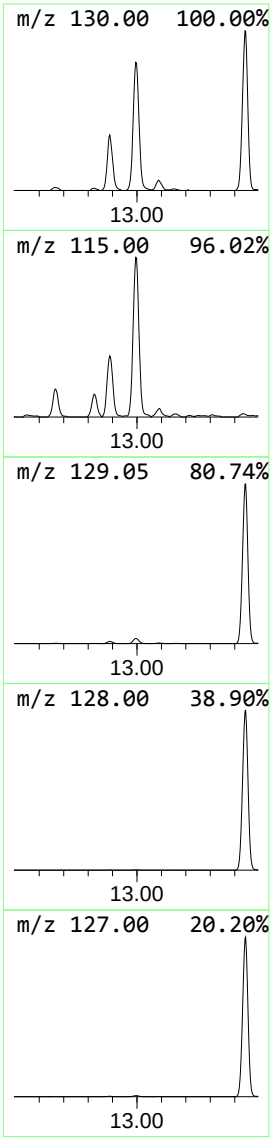
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1H-Indene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.995	13.21 ug/L	189031	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	2-Methylindene	130	C10H10	002177-47-1	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

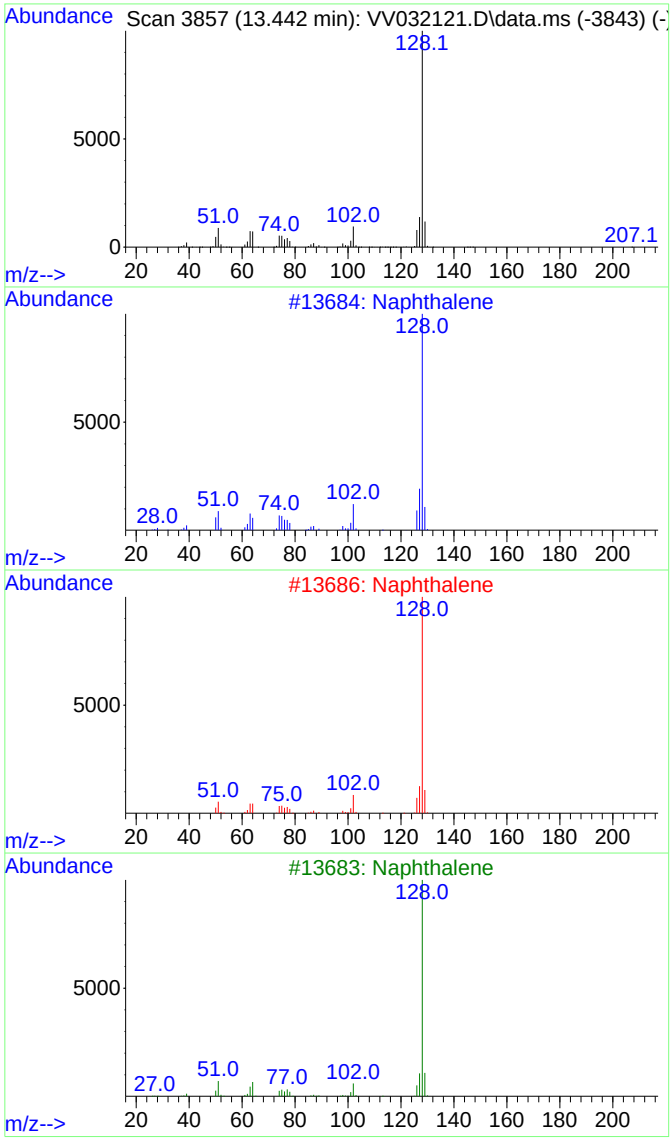
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

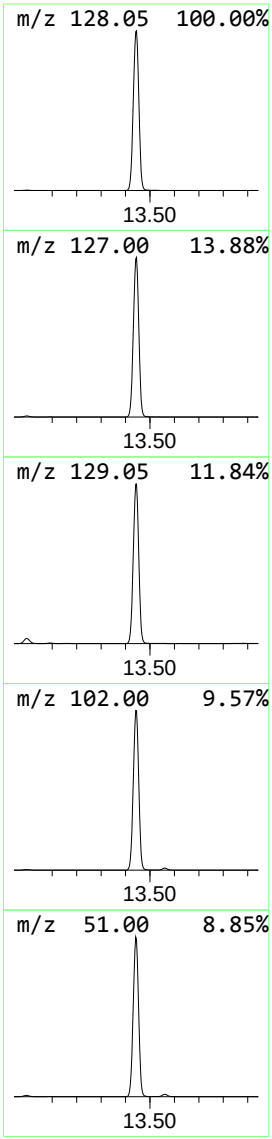
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.442	1061.64 ug/L	15194500	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Naphthalene	128	C10H8	000091-20-3	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	94
5	Naphthalene	128	C10H8	000091-20-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

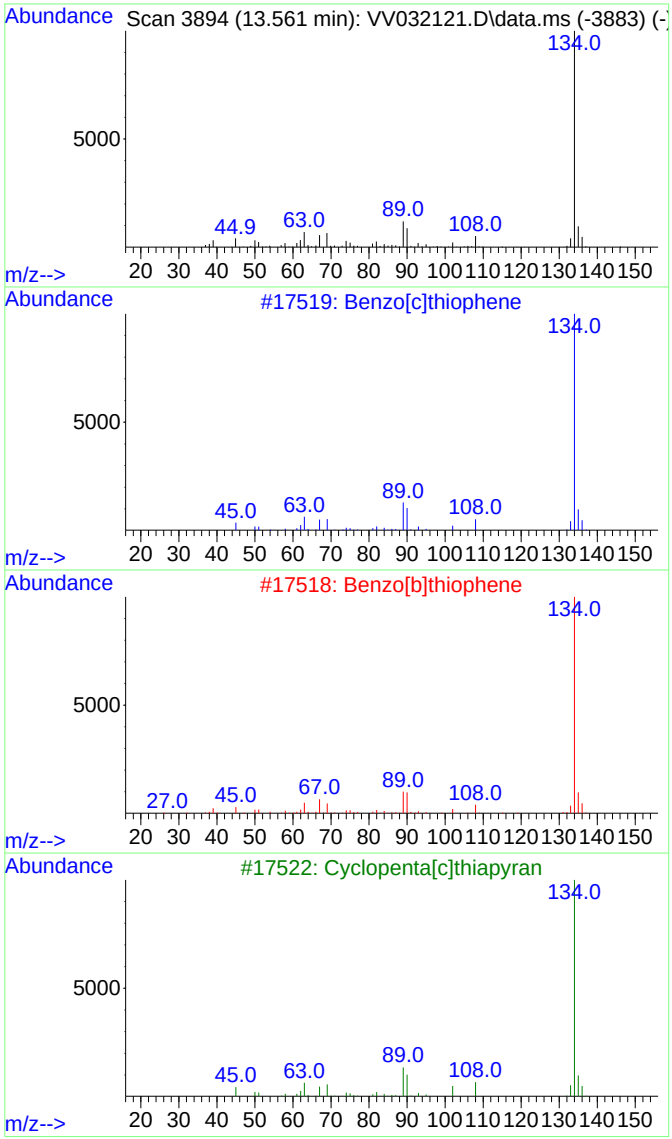
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

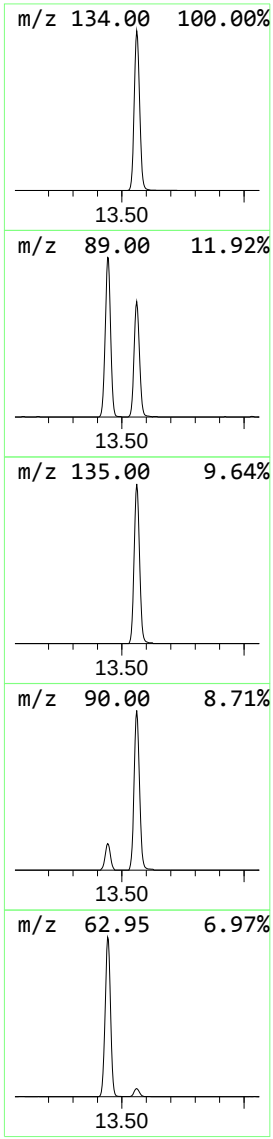
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzo[c]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.561	57.53 ug/L	823418	1,4-Dichlorobenzene-d4	11.188

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	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

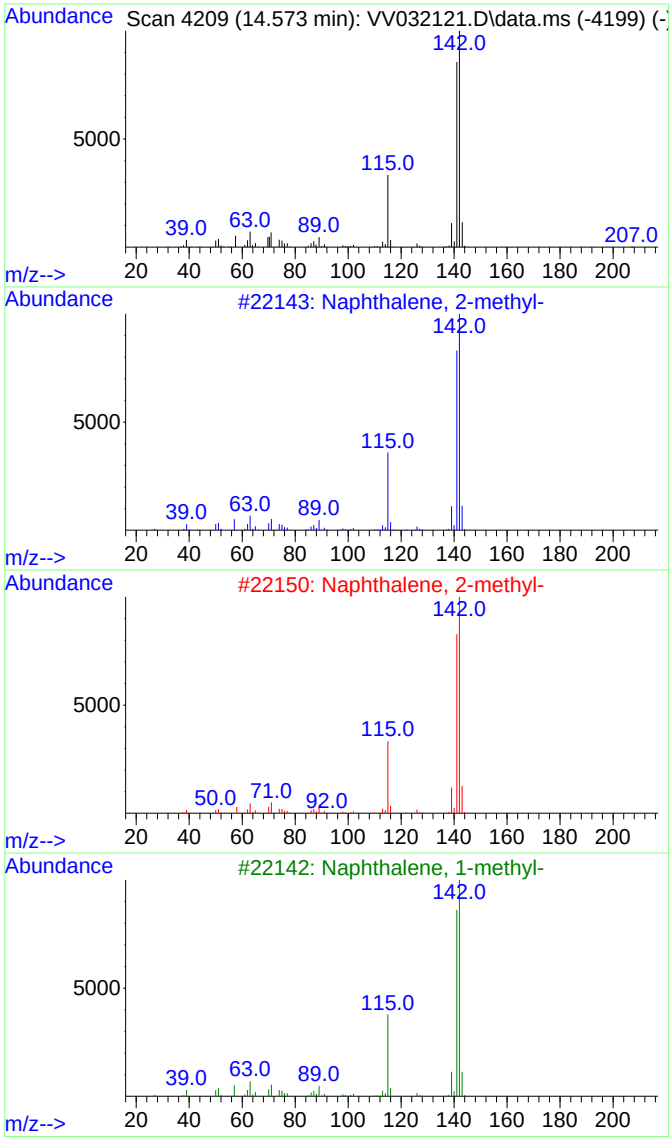
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

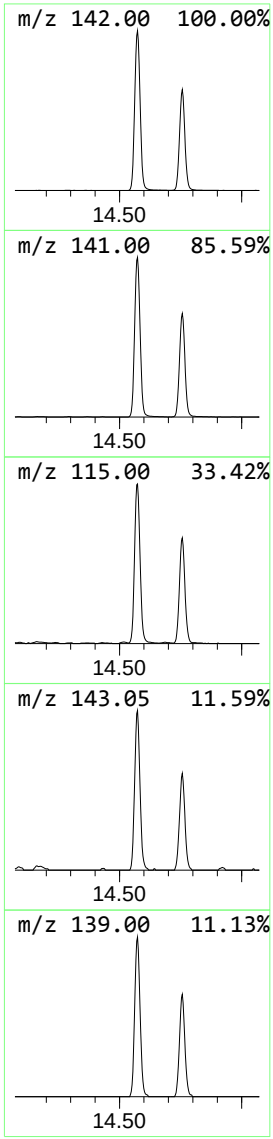
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.573	41.99 ug/L	601025	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

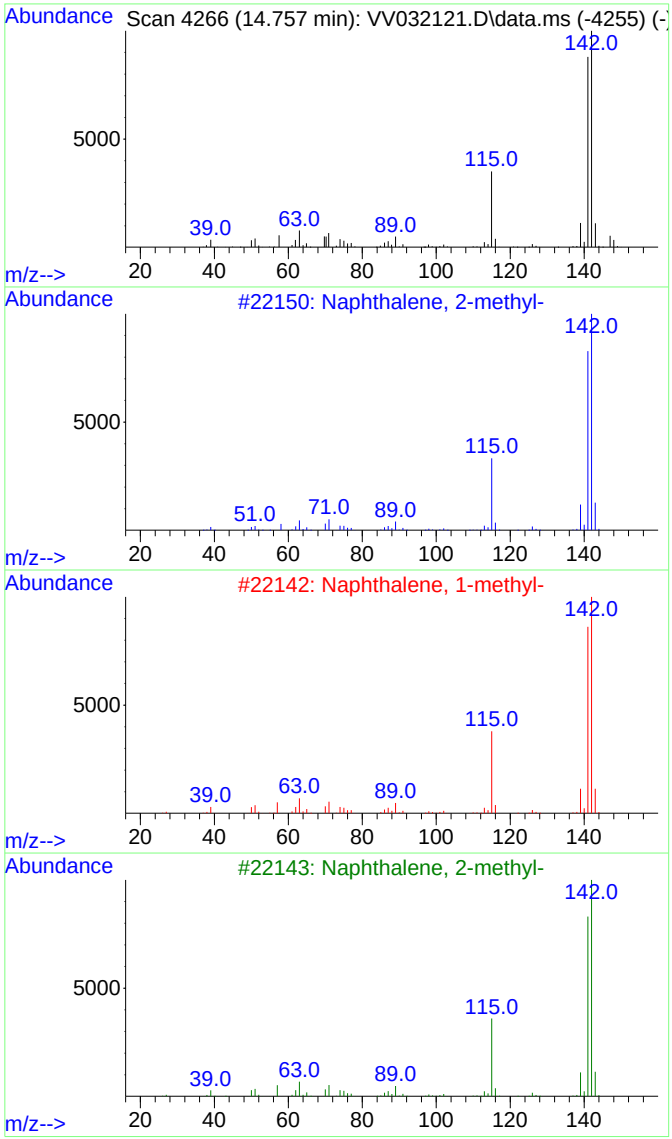
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

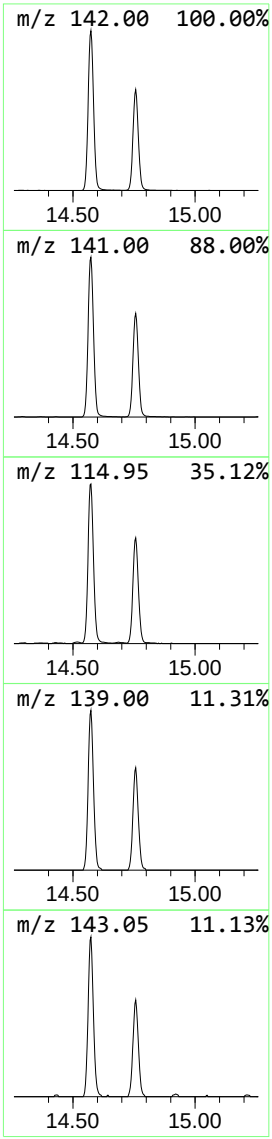
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	28.04 ug/L	401333	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

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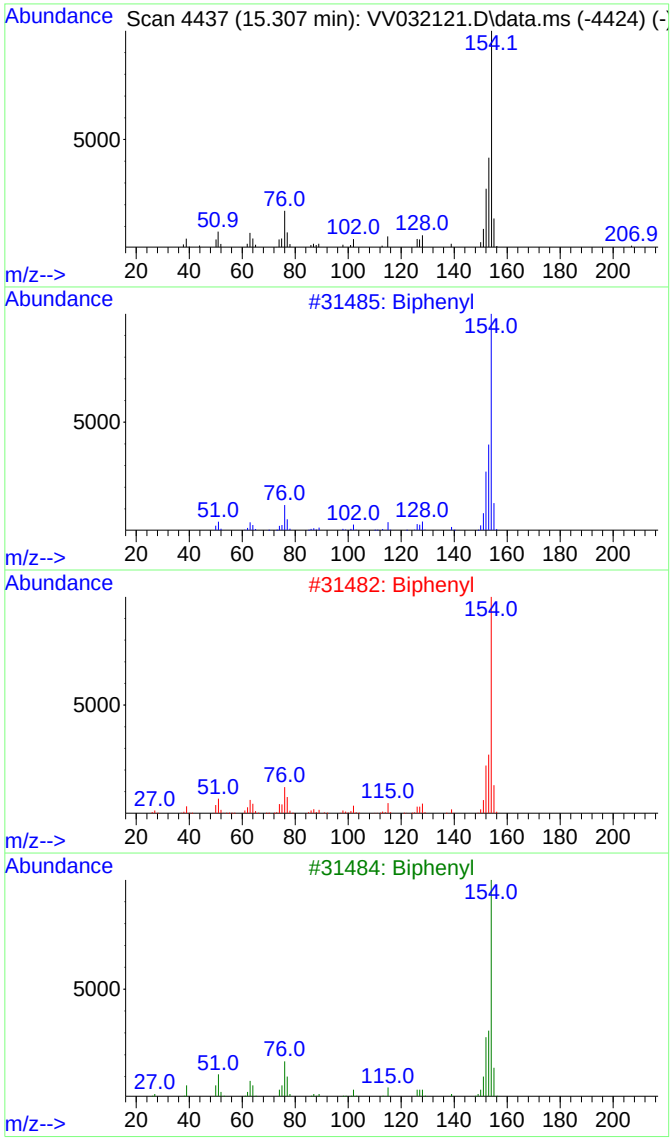
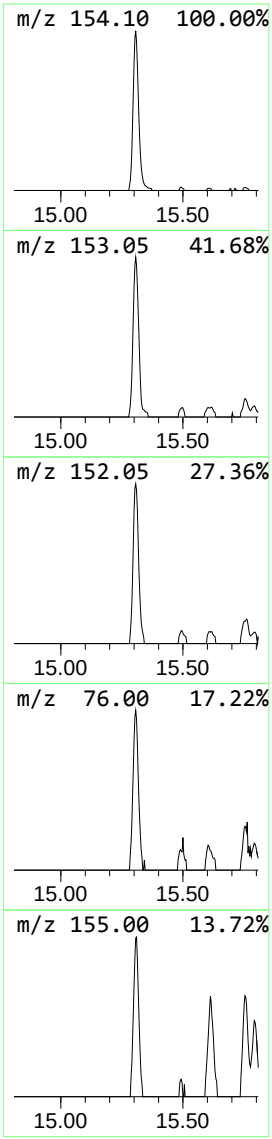
Peak Number 24 Biphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.307	3.31 ug/L	47315	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	94
3	Biphenyl	154	C12H10	000092-52-4	94
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
5	Biphenyl	154	C12H10	000092-52-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

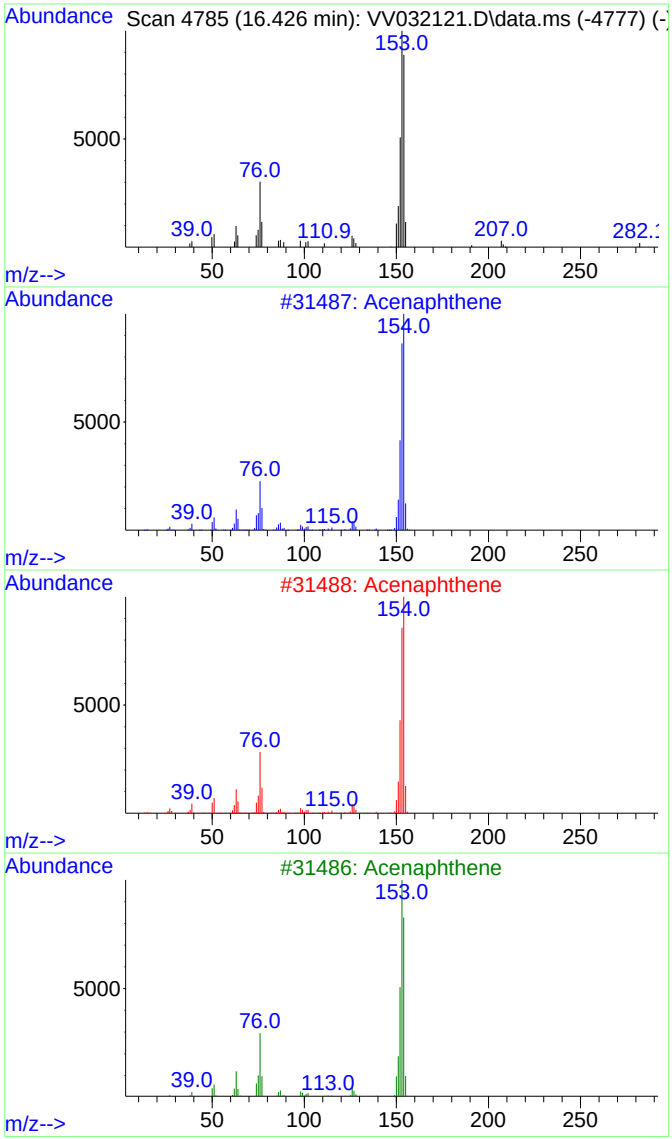
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

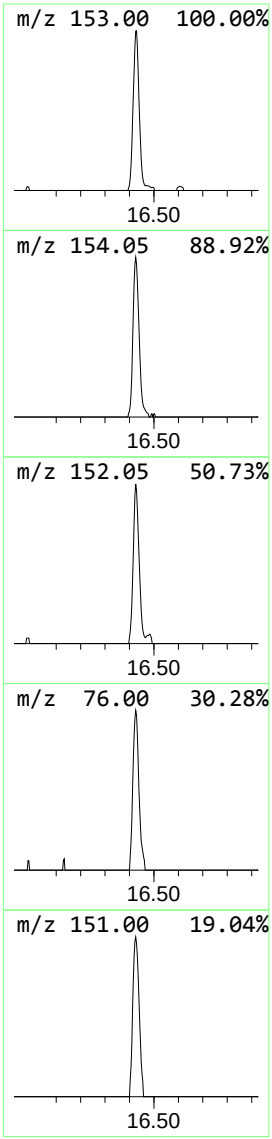
****

Peak Number 25 Acenaphthene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.426	2.63 ug/L	37709	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	96
2	Acenaphthene	154	C12H10	000083-32-9	93
3	Acenaphthene	154	C12H10	000083-32-9	86
4	Acenaphthene	154	C12H10	000083-32-9	76
5	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
Data File : VV032121.D
Acq On : 15 Sep 2023 15:02
Operator : SY/MD
Sample : 04359-08 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JLAD6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.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
n-Propyl acetate	6.400	14.6	ug/L	147840	1	5.538	508214	50.0
Propanoic acid,...	7.127	2.9	ug/L	29878	1	5.538	508214	50.0
Propanoic acid,...	7.866	3.1	ug/L	40179	2	8.789	649443	50.0
Propanoic acid,...	8.136	5.2	ug/L	66893	2	8.789	649443	50.0
Isopropyl butyrate	8.625	7.6	ug/L	98387	2	8.789	649443	50.0
p-Xylene	9.075	16.8	ug/L	218270	2	8.789	649443	50.0
Benzene, 1,3-di...	9.484	12.9	ug/L	168082	2	8.789	649443	50.0
Benzene, 1-ethy...	10.390	6.7	ug/L	96342	3	11.188	715615	50.0
Mesitylene	10.857	7.8	ug/L	112396	3	11.188	715615	50.0
Benzene, 1,2,3-...	11.278	4.4	ug/L	62474	3	11.188	715615	50.0
Indane	11.467	122.6	ug/L	1754660	3	11.188	715615	50.0
Indene	11.689	3.2	ug/L	46093	3	11.188	715615	50.0
Benzene, 2-ethe...	12.667	4.7	ug/L	67724	3	11.188	715615	50.0
1-Methyl-2-phen...	12.824	4.4	ug/L	62980	3	11.188	715615	50.0
Benzene, (1-met...	12.889	4.9	ug/L	69772	3	11.188	715615	50.0
1H-Indene, 1-me...	12.995	13.2	ug/L	189031	3	11.188	715615	50.0
Azulene	13.442	1061.6	ug/L	15194500	3	11.188	715615	50.0
Benzo[c]thiophene	13.561	57.5	ug/L	823418	3	11.188	715615	50.0
Naphthalene, 2-...	14.573	42.0	ug/L	601025	3	11.188	715615	50.0
Naphthalene, 1-...	14.757	28.0	ug/L	401333	3	11.188	715615	50.0
Biphenyl	15.307	3.3	ug/L	47315	3	11.188	715615	50.0
Acenaphthene	16.426	2.6	ug/L	37709	3	11.188	715615	50.0