LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072222\
Data File : VV026906.D
Acq On : 22 Jul 2022 22:57
Operator : SY/MD
Sample : N3841-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUE0

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\SFAMVLM072222WMA.M
Title : VOC Analysis

Signal : TIC: VV026906.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.301	75	81	101	rVB	285941	300782	1.55%	0.765%
2	1.561	155	162	177	rVB	250729	287026	1.48%	0.730%
3	2.101	320	330	345	rBV	506532	717513	3.69%	1.825%
4	2.323	397	399	405	rBV4	732	578	0.00%	0.001%
5	2.468	441	444	448	rVB2	569	423	0.00%	0.001%
6	2.503	448	455	463	rBV3	2573	3726	0.02%	0.009%
7	2.661	501	504	510	rVB3	655	602	0.00%	0.002%
8	2.770	532	538	542	rVV2	1583	1831	0.01%	0.005%
9	2.883	569	573	581	rVB2	487	495	0.00%	0.001%
10	3.021	613	616	621	rVB3	493	401	0.00%	0.001%
11	3.066	621	630	634	rBV3	540	930	0.00%	0.002%
12	3.211	671	675	680	rBV2	431	414	0.00%	0.001%
13	3.812	858	862	868	rBV3	476	392	0.00%	0.001%
14	3.879	873	883	934	rBV	179286	533569	2.75%	1.357%
15	4.342	1010	1027	1059	rBV	377533	941196	4.85%	2.394%
16	4.593	1100	1105	1111	rVB5	585	747	0.00%	0.002%
17	4.629	1111	1116	1118	rBV3	578	466	0.00%	0.001%
18	4.757	1154	1156	1164	rBV3	423	441	0.00%	0.001%
19	4.818	1168	1175	1179	rBV5	824	1209	0.01%	0.003%
20	5.040	1226	1244	1276	rBV2	869823	2233277	11.50%	5.681%
21	5.294	1321	1323	1328	rBV3	513	432	0.00%	0.001%
22	5.613	1409	1422	1449	rBV	594295	1215751	6.26%	3.093%
23	5.908	1503	1514	1533	rVB4	10923	25256	0.13%	0.064%
24	6.066	1548	1563	1598	rBV	509660	1046086	5.39%	2.661%
25	6.593	1721	1727	1732	rVB3	540	483	0.00%	0.001%
26	6.641	1734	1742	1744	rBV4	1358	1626	0.01%	0.004%
27	6.683	1753	1755	1759	rVB3	856	531	0.00%	0.001%
28	6.741	1770	1773	1778	rVB4	460	468	0.00%	0.001%
29	6.770	1778	1782	1785	rBV	512	436	0.00%	0.001%
30	6.985	1837	1849	1873	rBV	214233	406663	2.09%	1.034%
31	7.313	1939	1951	1988	rVV	918420	1637169	8.43%	4.165%
32	7.564	2024	2029	2031	rBV3	428	428	0.00%	0.001%
33	7.619	2036	2046	2077	rBV	156871	281661	1.45%	0.716%
34	7.937	2140	2145	2153	rVV4	1491	1911	0.01%	0.005%
35	7.982	2155	2159	2164	rVB4	1599	1376	0.01%	0.004%
36	8.088	2181	2192	2226	rBV	638328	1170034	6.03%	2.976%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUE0

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\SFAMVLM072222WMA.M
Title : VOC Analysis

37	8.358	2274	2276	2282	rBV4	549	482	0.00%	0.001%
38	8.468	2309	2310	2315	rVB3	778	390	0.00%	0.001%
39	8.850	2417	2429	2454	rBV	953848	1552870	8.00%	3.950%
40	9.063	2493	2495	2499	rVB5	803	503	0.00%	0.001%
41	9.153	2513	2523	2538	rVB2	5627	9665	0.05%	0.025%
42	9.342	2578	2582	2590	rVB2	449	542	0.00%	0.001%
43	9.387	2590	2596	2602	rBV4	627	612	0.00%	0.002%
44	9.545	2635	2645	2665	rBV2	30229	50014	0.26%	0.127%
45	9.616	2665	2667	2674	rVB3	519	469	0.00%	0.001%
46	9.934	2757	2766	2776	rVV2	7213	11021	0.06%	0.028%
47	10.056	2800	2804	2808	rBV2	492	396	0.00%	0.001%
48	10.214	2841	2853	2877	rVV	795101	1241010	6.39%	3.157%
49	10.313	2882	2884	2888	rVB	930	439	0.00%	0.001%
50	10.545	2946	2956	2961	rVB4	770	1099	0.01%	0.003%
51	10.577	2961	2966	2967	rBV	944	683	0.00%	0.002%
52	10.741	3009	3017	3027	rBV2	10450	14816	0.08%	0.038%
53	10.918	3064	3072	3083	rBV3	4724	7432	0.04%	0.019%
54	11.056	3112	3115	3119	rVV3	568	417	0.00%	0.001%
55	11.175	3143	3152	3163	rBV2	11954	19832	0.10%	0.050%
56	11.246	3163	3174	3193	rVV	909301	1415337	7.29%	3.600%
57	11.336	3194	3202	3217	rVB	38879	62662	0.32%	0.159%
58	11.538	3256	3265	3278	rVV7	8017	15082	0.08%	0.038%
59	11.622	3278	3291	3322	rVV	982856	1541861	7.94%	3.922%
60	11.751	3322	3331	3340	rVB3	8806	14305	0.07%	0.036%
61	11.818	3349	3352	3355	rBV2	1597	1326	0.01%	0.003%
62	11.911	3377	3381	3383	rBV3	502	437	0.00%	0.001%
63	12.017	3405	3414	3428	rBV	13995	20359	0.10%	0.052%
64	12.114	3433	3444	3464	rBV3	46515	75966	0.39%	0.193%
65	12.255	3483	3488	3491	rBV5	719	729	0.00%	0.002%
66	12.316	3497	3507	3512	rBV5	4012	5922	0.03%	0.015%
67	12.361	3512	3521	3530	rBV3	29670	47165	0.24%	0.120%
68	12.413	3530	3537	3543	rVV4	11226	15629	0.08%	0.040%
69	12.468	3544	3554	3572	rVV2	61577	116059	0.60%	0.295%
70	12.548	3574	3579	3589	rVB4	5940	8427	0.04%	0.021%
71	12.612	3597	3599	3604	rVB3	994	690	0.00%	0.002%
72	12.644	3605	3609	3614	rVB6	974	853	0.00%	0.002%
73	12.673	3614	3618	3621	rBV2	835	538	0.00%	0.001%
74	12.725	3629	3634	3641	rBV5	2534	3293	0.02%	0.008%
75	12.879	3672	3682	3693	rVV3	23377	36998	0.19%	0.094%
76	12.950	3696	3704	3707	rBV6	1407	1616	0.01%	0.004%

LSC Area Percent Report

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Operator : SY/MD
Sample : N3841-17
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUE0

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\SFAMVLM072222WMA.M
Title : VOC Analysis

77	12.995	3715	3718	3719	rBV6	725	428	0.00%	0.001%
78	13.046	3727	3734	3747	rVB6	5965	9336	0.05%	0.024%
79	13.217	3779	3787	3795	rVB6	4333	6501	0.03%	0.017%
80	13.265	3795	3802	3809	rBV8	4887	7612	0.04%	0.019%
81	13.365	3829	3833	3843	rVB4	5563	7244	0.04%	0.018%
82	13.500	3861	3875	3901	rBV	13260381	19418586	100.00%	49.398%
83	13.619	3902	3912	3934	rVB	379762	609925	3.14%	1.552%
84	13.908	3995	4002	4014	rVB7	5135	7647	0.04%	0.019%
85	13.972	4014	4022	4028	rBV10	2028	3260	0.02%	0.008%
86	14.088	4048	4058	4074	rBV3	11343	20862	0.11%	0.053%
87	14.233	4094	4103	4109	rVB8	4466	6603	0.03%	0.017%
88	14.297	4113	4123	4135	rVB7	5238	10129	0.05%	0.026%
89	14.574	4200	4209	4219	rBV	37724	58286	0.30%	0.148%
90	14.631	4220	4227	4238	rVB2	22808	34383	0.18%	0.087%
91	14.750	4254	4264	4271	rBV4	7284	12221	0.06%	0.031%
92	14.815	4272	4284	4299	rBV	972957	1504961	7.75%	3.828%
93	15.265	4422	4424	4427	rBV4	993	494	0.00%	0.001%
94	15.361	4441	4454	4467	rBV	97811	153583	0.79%	0.391%
95	15.551	4506	4513	4521	rBV	25575	38900	0.20%	0.099%
96	15.667	4542	4549	4566	rVB3	24183	41399	0.21%	0.105%
97	15.811	4584	4594	4600	rBV2	44508	69305	0.36%	0.176%
98	16.011	4650	4656	4658	rBV5	6105	6430	0.03%	0.016%
99	16.178	4705	4708	4711	rBV4	4238	3434	0.02%	0.009%
100	16.483	4793	4803	4822	rVB	107105	164938	0.85%	0.420%

Sum of corrected areas: 39310742

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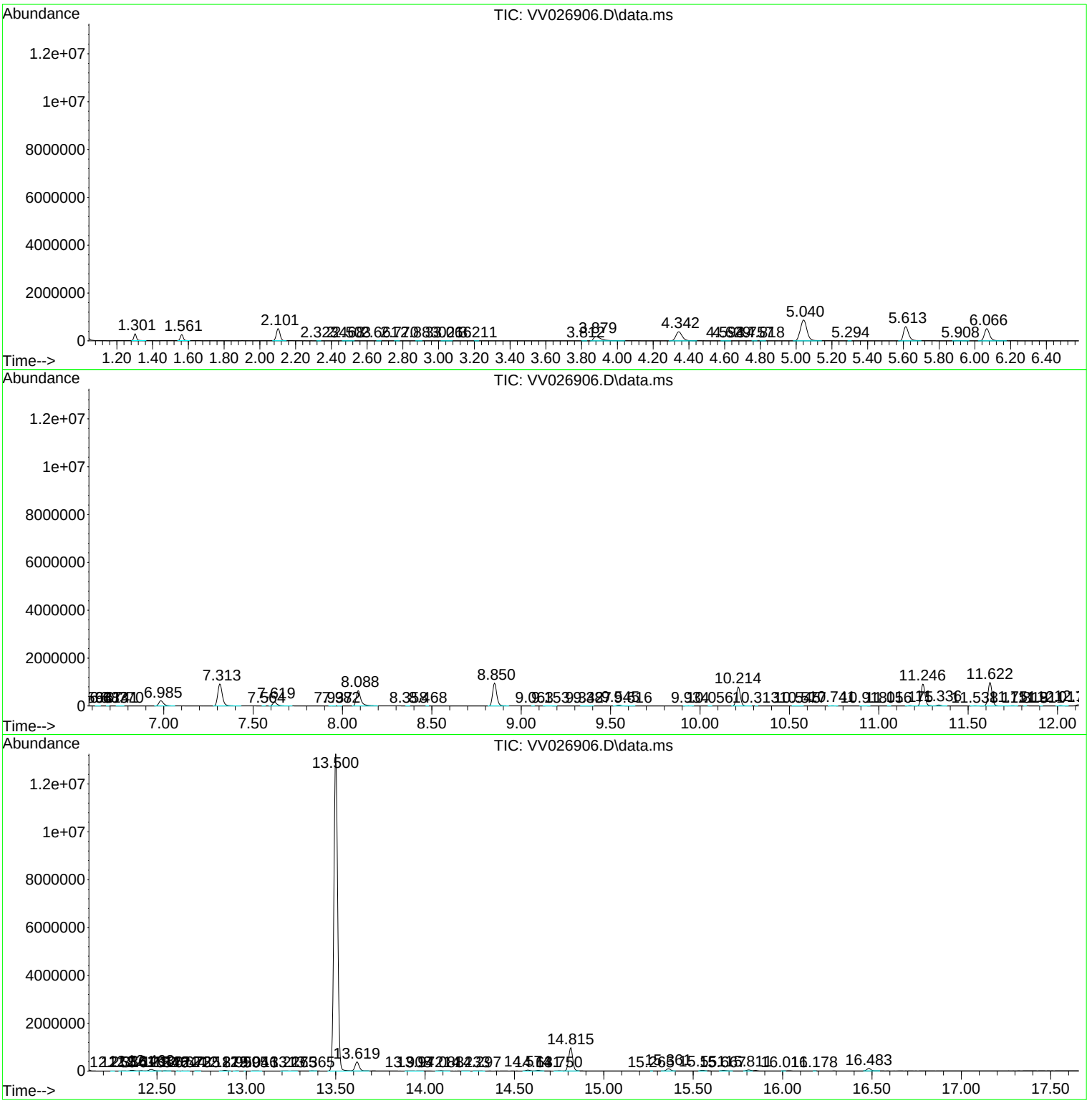
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUE0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072222\
Data File : VV026906.D
Acq On : 22 Jul 2022 22:57
Operator : SY/MD
Sample : N3841-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUE0

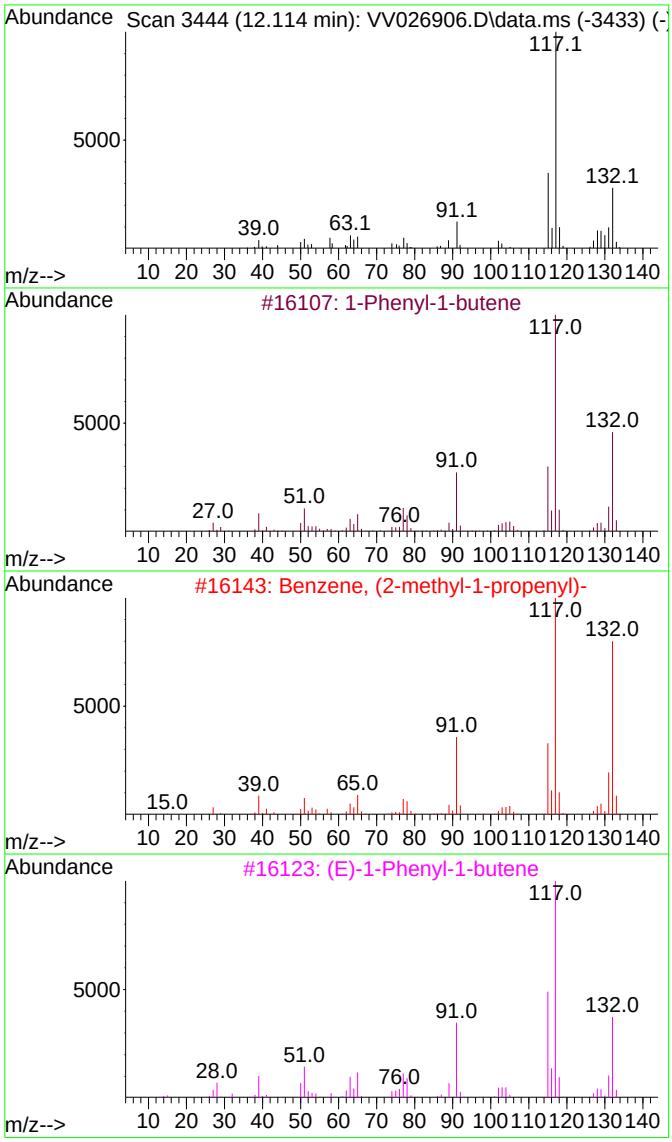
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

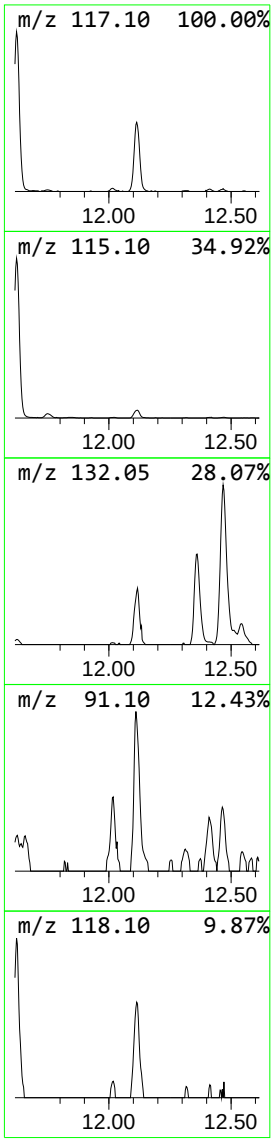
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.114	2.68 ug/L	75966	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	86
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072222\
Data File : VV026906.D
Acq On : 22 Jul 2022 22:57
Operator : SY/MD
Sample : N3841-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUE0

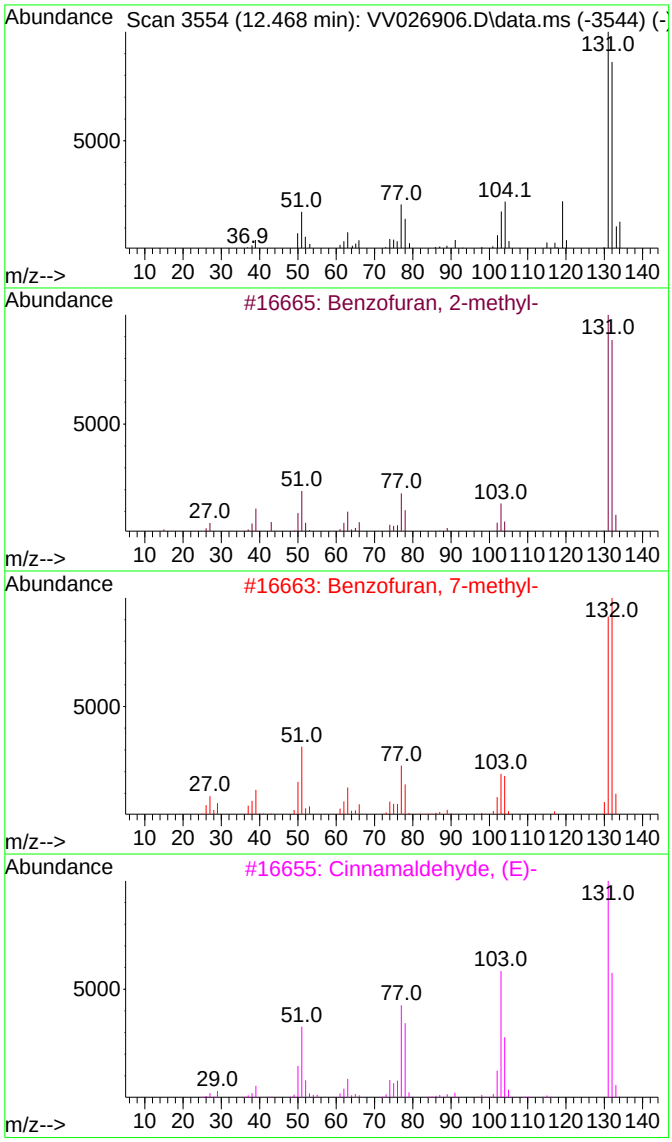
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

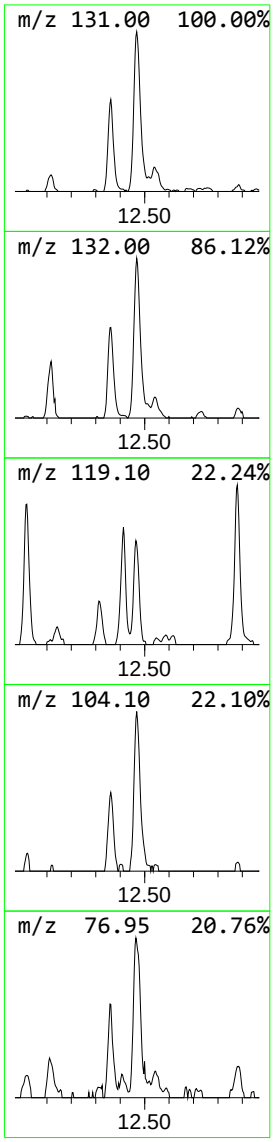
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzofuran, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	4.10 ug/L	116059	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	95
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	81
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072222\
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Acq On : 22 Jul 2022 22:57
Operator : SY/MD
Sample : N3841-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUE0

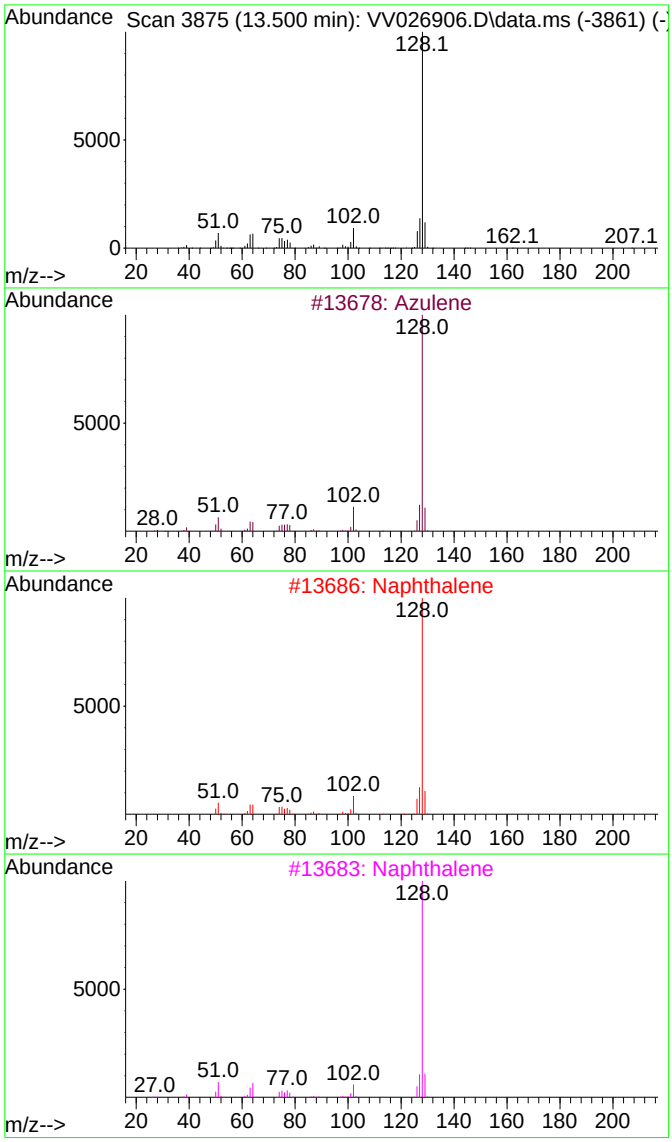
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

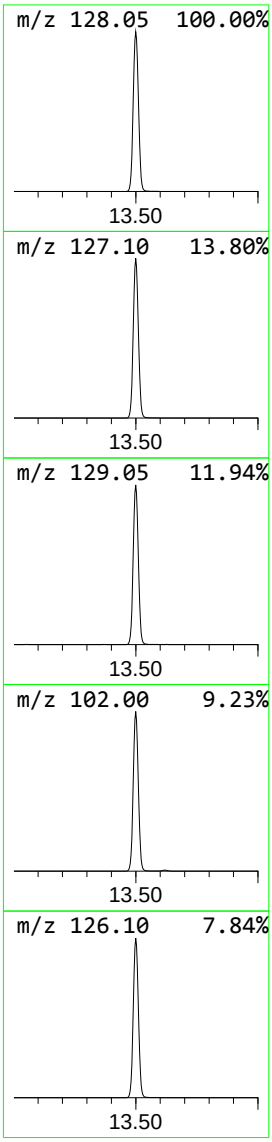
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.500	686.01 ug/L	19418600	1,4-Dichlorobenzene-d4	11.249

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





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Instrument :
MSVOA_V
ClientSampleId :
DBUE0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

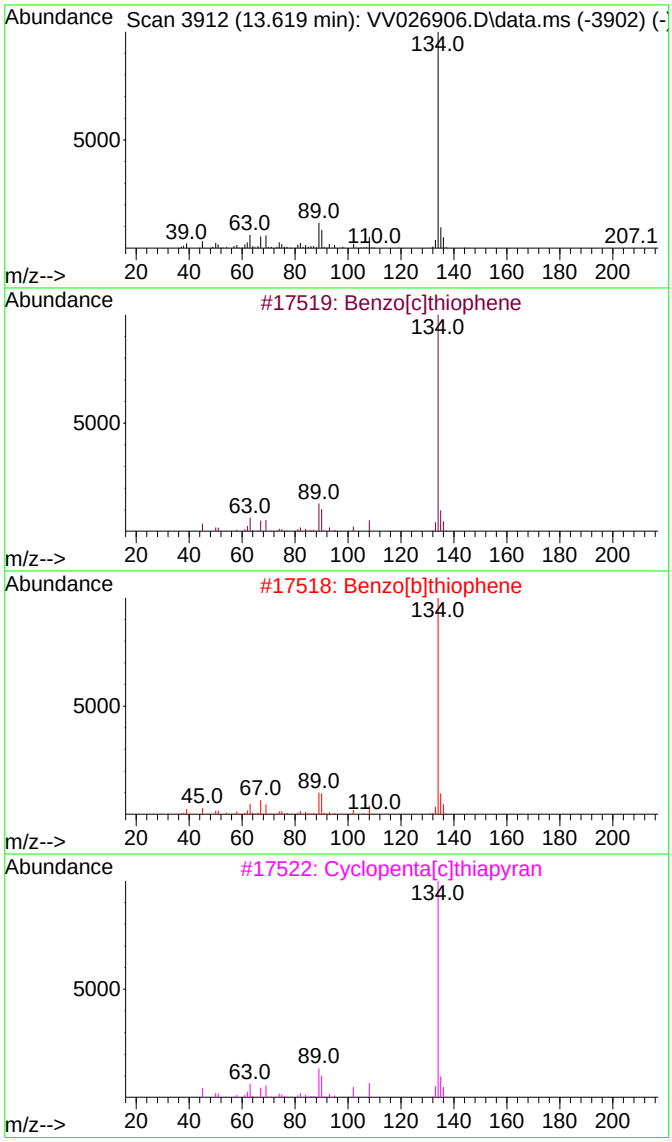
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

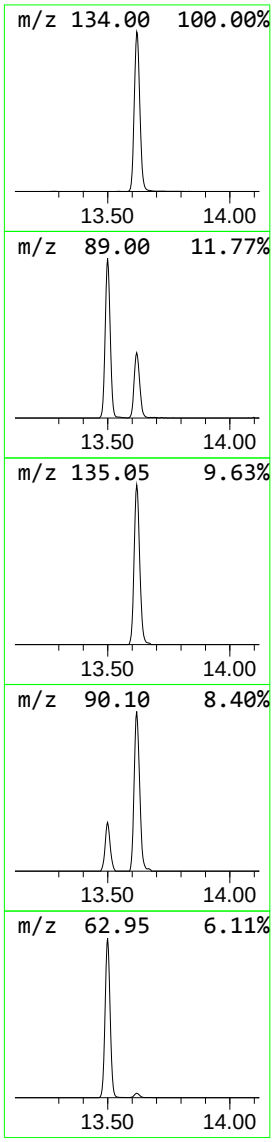
****

Peak Number 5 Benzo[c]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.619	21.55 ug/L	609925	1,4-Dichlorobenzene-d4	11.249

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	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072222\
Data File : VV026906.D
Acq On : 22 Jul 2022 22:57
Operator : SY/MD
Sample : N3841-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUE0

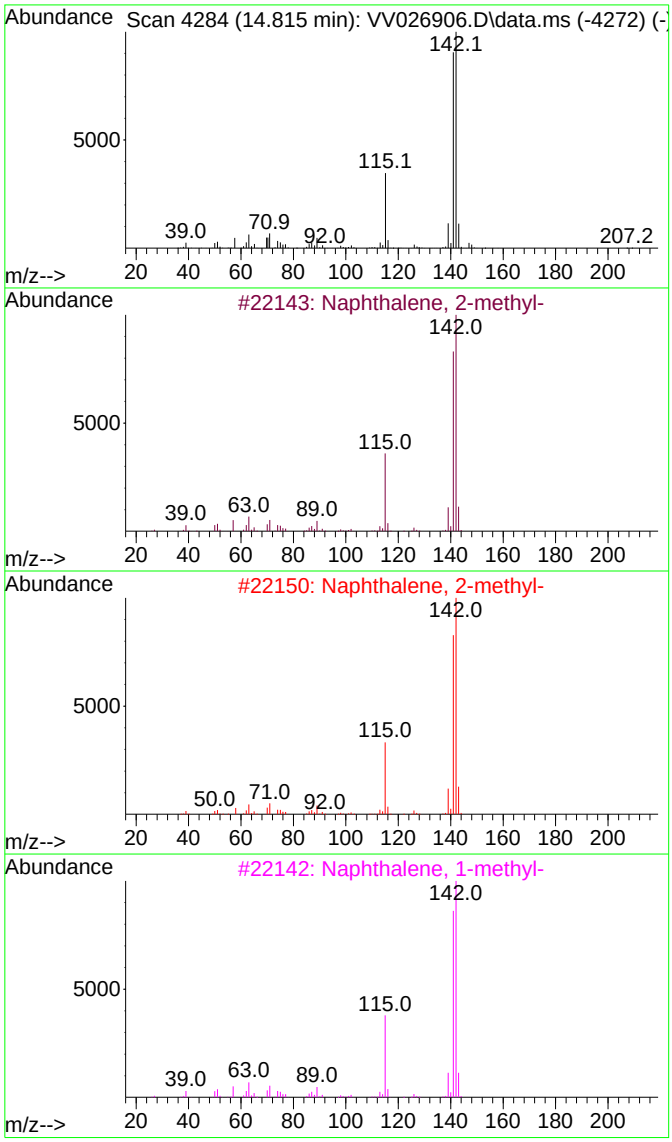
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

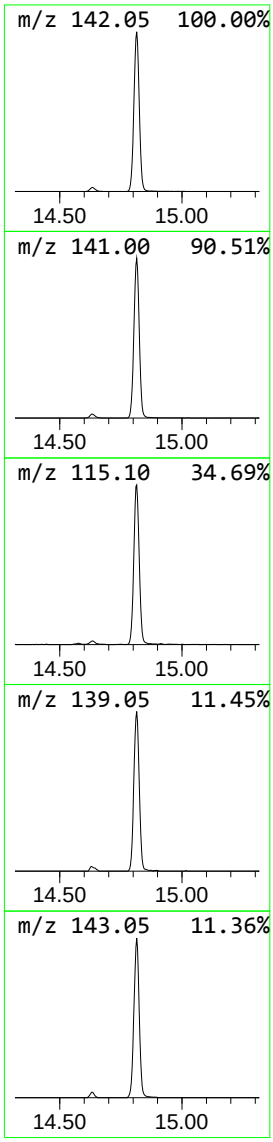
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.815	53.17 ug/L	1504960	1,4-Dichlorobenzene-d4	11.249

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, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072222\
Data File : VV026906.D
Acq On : 22 Jul 2022 22:57
Operator : SY/MD
Sample : N3841-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUE0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

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

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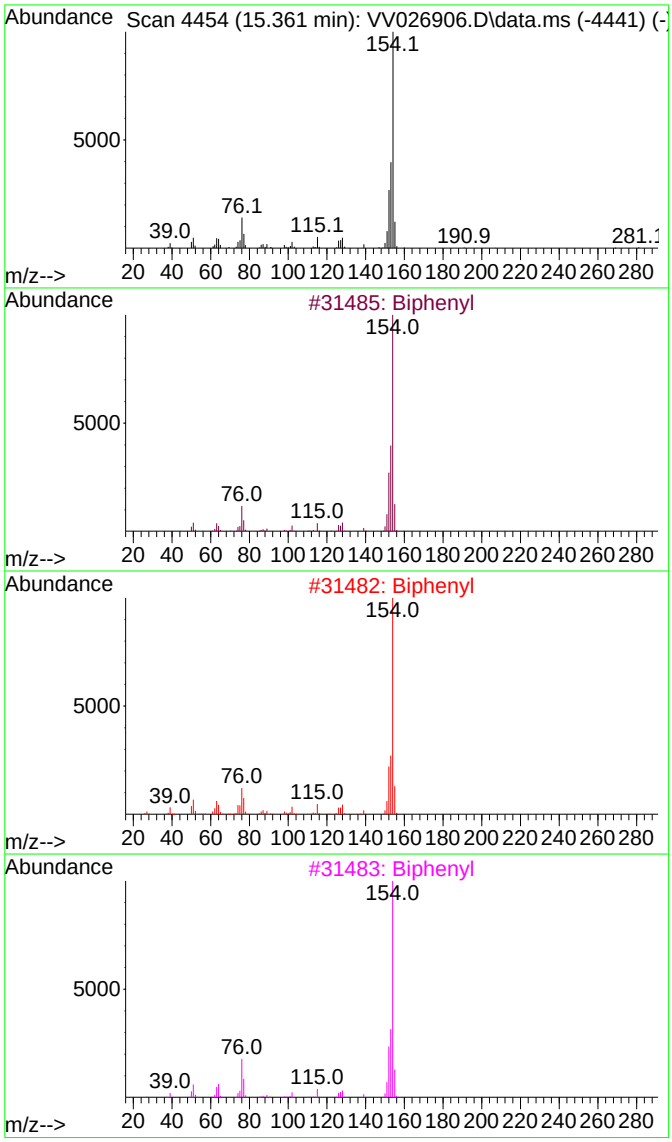
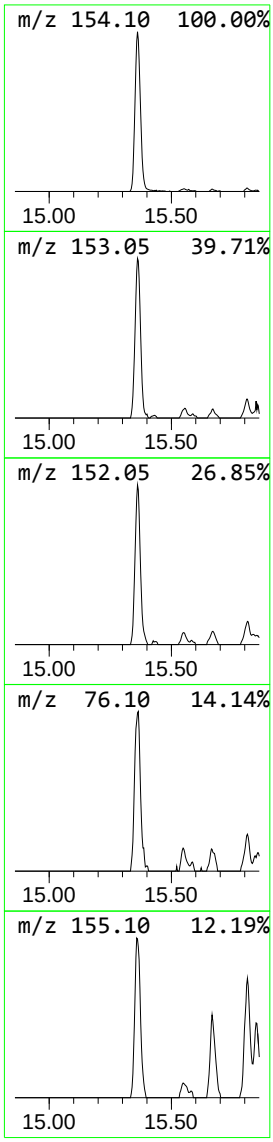
Peak Number 7 Biphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.361	5.43 ug/L	153583	1,4-Dichlorobenzene-d4	11.249

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	Biphenyl	154	C12H10	000092-52-4	93
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072222\
Data File : VV026906.D
Acq On : 22 Jul 2022 22:57
Operator : SY/MD
Sample : N3841-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUE0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

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

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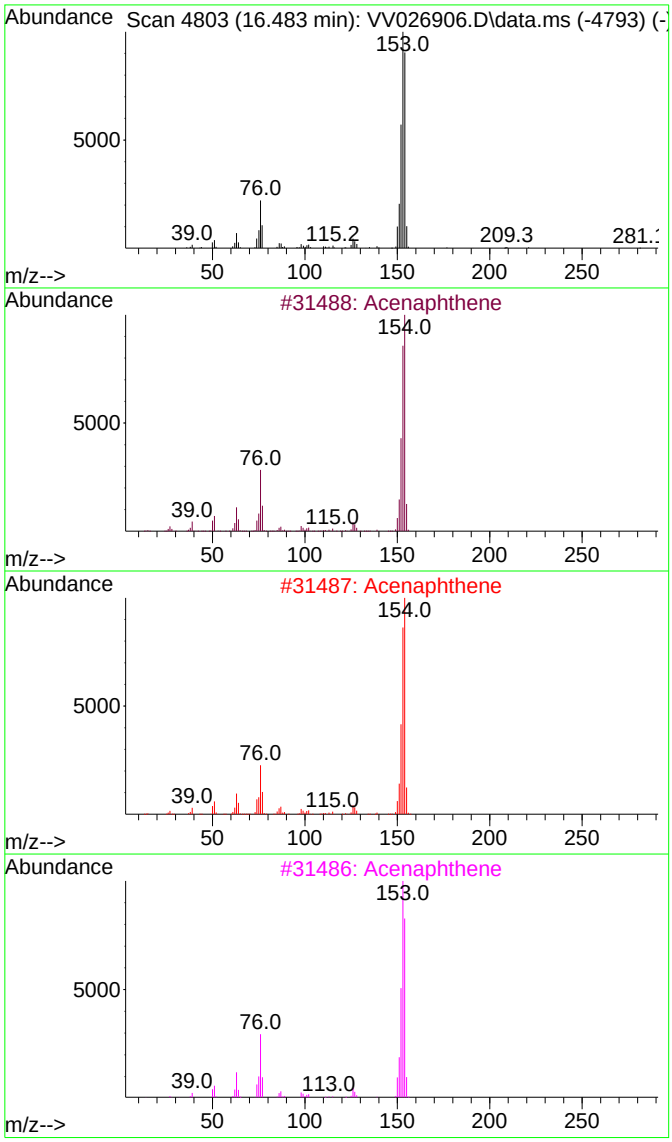
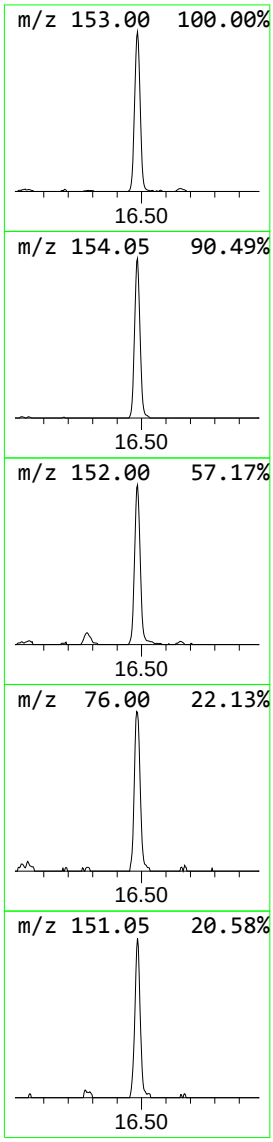
Peak Number 8 Acenaphthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.483	5.83 ug/L	164938	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	74
2	Acenaphthene	154	C12H10	000083-32-9	74
3	Acenaphthene	154	C12H10	000083-32-9	70
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	50
5	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072222\
Data File : VV026906.D
Acq On : 22 Jul 2022 22:57
Operator : SY/MD
Sample : N3841-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUE0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.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
1-Phenyl-1-butene	12.114	2.7	ug/L	75966	3	11.249	1415340	50.0
Benzofuran, 2-m...	12.468	4.1	ug/L	116059	3	11.249	1415340	50.0
Azulene	13.500	686.0	ug/L	19418600	3	11.249	1415340	50.0
Benzo[c]thiophene	13.619	21.6	ug/L	609925	3	11.249	1415340	50.0
Naphthalene, 2-...	14.815	53.2	ug/L	1504960	3	11.249	1415340	50.0
Biphenyl	15.361	5.4	ug/L	153583	3	11.249	1415340	50.0
Acenaphthene	16.483	5.8	ug/L	164938	3	11.249	1415340	50.0