LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021469.D
Acq On : 18 Dec 2021 12:17
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK548

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_W\Method\SFAMWLM120921SMA.M
Title : SFAM01.0

Signal : TIC: VW021469.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	64	73	84	rVB	48708	79290	13.39%	1.552%
2	2.788	142	145	146	rBV3	259	270	0.05%	0.005%
3	2.885	151	161	172	rVV	21910	47833	8.08%	0.936%
4	2.989	177	178	180	rVV	350	295	0.05%	0.006%
5	3.025	182	184	187	rVB3	455	421	0.07%	0.008%
6	3.391	237	244	249	rVB3	896	1977	0.33%	0.039%
7	4.019	335	347	361	rBV2	69605	196881	33.25%	3.853%
8	4.135	361	366	373	rVB2	608	1326	0.22%	0.026%
9	4.232	379	382	383	rBV	226	166	0.03%	0.003%
10	4.251	383	385	386	rBV	198	149	0.03%	0.003%
11	4.403	404	410	411	rBV	1427	2353	0.40%	0.046%
12	4.556	431	435	439	rBB	93	152	0.03%	0.003%
13	4.745	464	466	469	rBV	144	158	0.03%	0.003%
14	4.793	472	474	476	rVB	157	130	0.02%	0.003%
15	4.915	485	494	505	rVB4	3378	10590	1.79%	0.207%
16	5.116	523	527	530	rBV	319	360	0.06%	0.007%
17	5.287	553	555	557	rVB	151	140	0.02%	0.003%
18	5.336	560	563	564	rBV	117	121	0.02%	0.002%
19	5.397	570	573	575	rBV	145	165	0.03%	0.003%
20	5.427	575	578	582	rVB	177	261	0.04%	0.005%
21	5.531	594	595	599	rVB	142	178	0.03%	0.003%
22	5.647	613	614	617	rVB	158	125	0.02%	0.002%
23	5.751	626	631	632	rBV2	250	338	0.06%	0.007%
24	5.769	632	634	640	rVB2	177	214	0.04%	0.004%
25	5.842	642	646	648	rVB	121	143	0.02%	0.003%
26	5.933	655	661	662	rBV3	780	1116	0.19%	0.022%
27	6.068	681	683	685	rBV	134	139	0.02%	0.003%
28	6.287	716	719	722	rVB2	100	153	0.03%	0.003%
29	6.317	722	724	727	rVB2	119	130	0.02%	0.003%
30	6.366	730	732	735	rBV2	131	162	0.03%	0.003%
31	6.525	755	758	761	rBB	148	204	0.03%	0.004%
32	6.580	765	767	770	rVB2	133	124	0.02%	0.002%
33	6.787	798	801	804	rBV	120	152	0.03%	0.003%
34	6.884	815	817	820	rVB	140	131	0.02%	0.003%
35	6.964	828	830	835	rBB	121	188	0.03%	0.004%
36	7.012	835	838	841	rBB2	139	191	0.03%	0.004%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021469.D
Acq On : 18 Dec 2021 12:17
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK548

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_W\Method\SFAMWLM120921SMA.M
Title : SFAM01.0

37	7.080	841	849	856	rBV	13112	37905	6.40%	0.742%
38	7.244	875	876	881	rVB3	303	346	0.06%	0.007%
39	7.287	881	883	888	rVB	211	353	0.06%	0.007%
40	7.329	888	890	892	rBV	186	193	0.03%	0.004%
41	7.384	897	899	902	rVB	175	184	0.03%	0.004%
42	7.445	906	909	911	rBV	151	157	0.03%	0.003%
43	7.482	913	915	918	rVB2	192	205	0.03%	0.004%
44	7.518	918	921	924	rBB2	133	167	0.03%	0.003%
45	7.567	924	929	930	rBV	158	259	0.04%	0.005%
46	7.647	933	942	957	rVB	95328	228608	38.61%	4.474%
47	7.787	963	965	967	rVB	131	136	0.02%	0.003%
48	7.835	968	973	974	rBV	103	160	0.03%	0.003%
49	7.866	976	978	980	rBV	144	156	0.03%	0.003%
50	7.921	986	987	990	rBV	144	171	0.03%	0.003%
51	8.006	997	1001	1004	rBB	125	163	0.03%	0.003%
52	8.043	1004	1007	1010	rBB	120	140	0.02%	0.003%
53	8.073	1010	1012	1016	rBB	84	125	0.02%	0.002%
54	8.171	1025	1028	1031	rVB	133	189	0.03%	0.004%
55	8.274	1032	1045	1061	rBV2	197186	592145	100.00%	11.590%
56	8.683	1110	1112	1116	rBB	171	237	0.04%	0.005%
57	8.726	1116	1119	1121	rBV	123	158	0.03%	0.003%
58	8.841	1129	1138	1147	rBV	173958	340545	57.51%	6.665%
59	8.963	1156	1158	1160	rBV	135	132	0.02%	0.003%
60	9.055	1169	1173	1174	rBV	261	365	0.06%	0.007%
61	9.219	1195	1200	1201	rBV2	244	365	0.06%	0.007%
62	9.274	1201	1209	1217	rBV	120296	242469	40.95%	4.746%
63	9.469	1234	1241	1246	rBV2	323	660	0.11%	0.013%
64	9.622	1260	1266	1268	rBV2	261	321	0.05%	0.006%
65	9.671	1268	1274	1276	rVB	245	349	0.06%	0.007%
66	9.695	1276	1278	1281	rBV	348	287	0.05%	0.006%
67	9.756	1281	1288	1295	rBV4	1632	3817	0.64%	0.075%
68	9.829	1297	1300	1303	rVB3	346	392	0.07%	0.008%
69	9.896	1303	1311	1316	rBV2	4014	8856	1.50%	0.173%
70	9.945	1318	1319	1321	rBV2	331	295	0.05%	0.006%
71	10.036	1326	1334	1342	rBV	70200	123852	20.92%	2.424%
72	10.158	1353	1354	1355	rVB	593	217	0.04%	0.004%
73	10.183	1355	1358	1359	rBV3	381	429	0.07%	0.008%
74	10.207	1360	1362	1365	rVV4	1201	1641	0.28%	0.032%
75	10.250	1366	1369	1373	rVV2	2307	3568	0.60%	0.070%
76	10.323	1373	1381	1388	rVV	301254	522327	88.21%	10.223%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021469.D
Acq On : 18 Dec 2021 12:17
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK548

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_W\Method\SFAMWLM120921SMA.M
Title : SFAM01.0

77	10.390	1388	1392	1398	rVB	4965	7878	1.33%	0.154%
78	10.512	1405	1412	1416	rBV5	1425	3331	0.56%	0.065%
79	10.579	1416	1423	1433	rVV	42836	75948	12.83%	1.486%
80	10.701	1437	1443	1452	rVV	25478	45053	7.61%	0.882%
81	10.768	1452	1454	1458	rVV5	979	1357	0.23%	0.027%
82	10.804	1458	1460	1462	rVB3	622	447	0.08%	0.009%
83	10.926	1473	1480	1487	rBV	54617	98970	16.71%	1.937%
84	11.067	1499	1503	1508	rBV3	6407	13565	2.29%	0.265%
85	11.432	1560	1563	1572	rVB3	29860	52801	8.92%	1.033%
86	11.627	1589	1595	1604	rVB	257720	437567	73.90%	8.564%
87	11.731	1607	1612	1618	rVB	21472	35158	5.94%	0.688%
88	11.835	1623	1629	1639	rVB	61812	115298	19.47%	2.257%
89	12.164	1679	1683	1690	rVB	13873	23356	3.94%	0.457%
90	12.603	1749	1755	1762	rBV	88178	155872	26.32%	3.051%
91	12.688	1764	1769	1776	rVB	95386	163038	27.53%	3.191%
92	13.249	1856	1861	1864	rBV	27132	50301	8.49%	0.985%
93	13.554	1906	1911	1925	rVB	312129	529464	89.41%	10.363%
94	13.755	1940	1944	1953	rVB4	17115	33946	5.73%	0.664%
95	13.847	1953	1959	1968	rBV	275951	474198	80.08%	9.281%
96	14.066	1991	1995	2006	rVB2	24484	53439	9.02%	1.046%
97	15.066	2154	2159	2169	rBV3	11933	36307	6.13%	0.711%
98	15.359	2202	2207	2213	rBV	63705	109402	18.48%	2.141%
99	16.432	2377	2383	2389	rBV	31180	66771	11.28%	1.307%
100	16.639	2410	2417	2431	rVB2	27048	66032	11.15%	1.292%

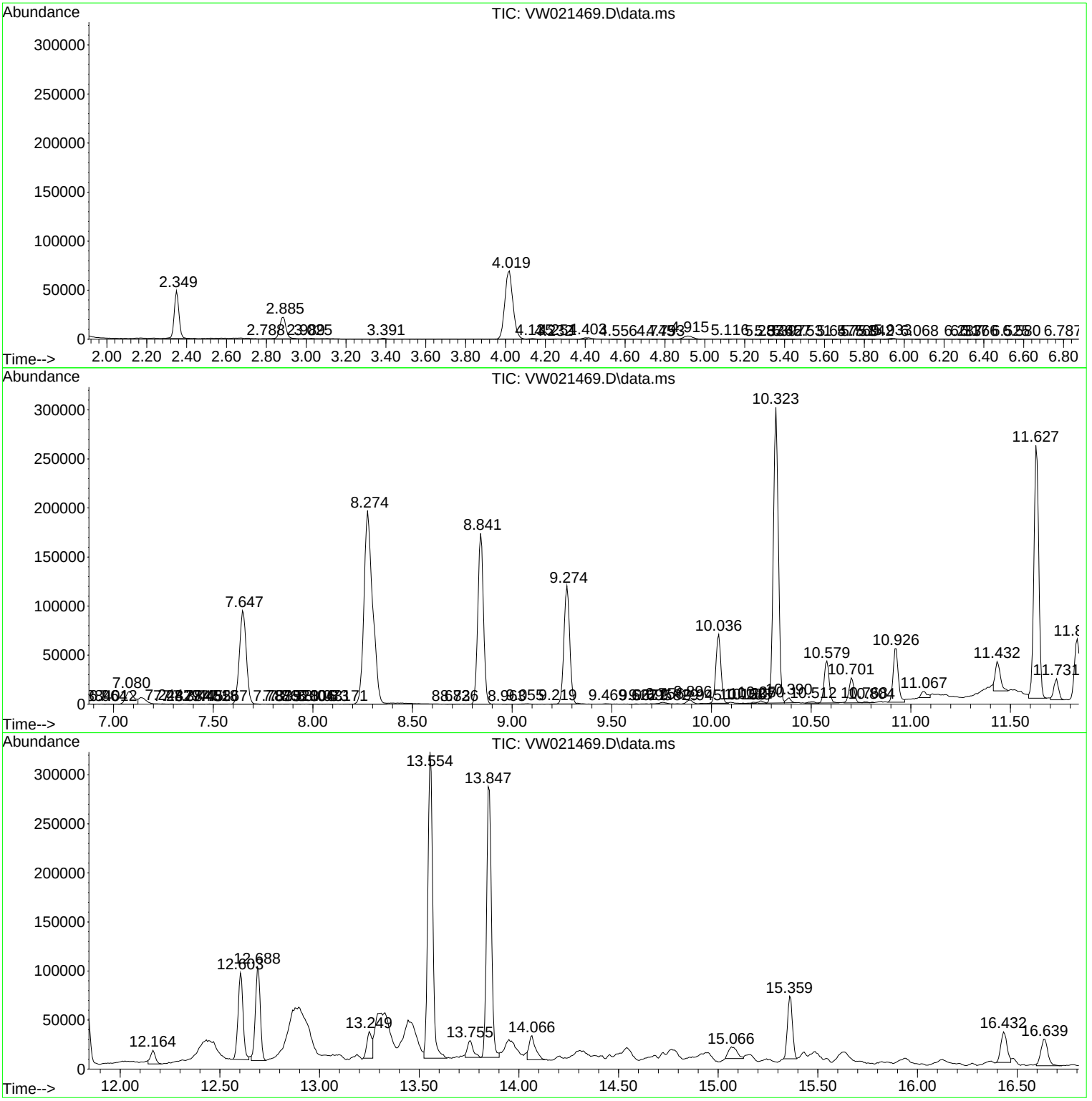
Sum of corrected areas: 5109269

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021469.D
Acq On : 18 Dec 2021 12:17
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK548

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021469.D
Acq On : 18 Dec 2021 12:17
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK548

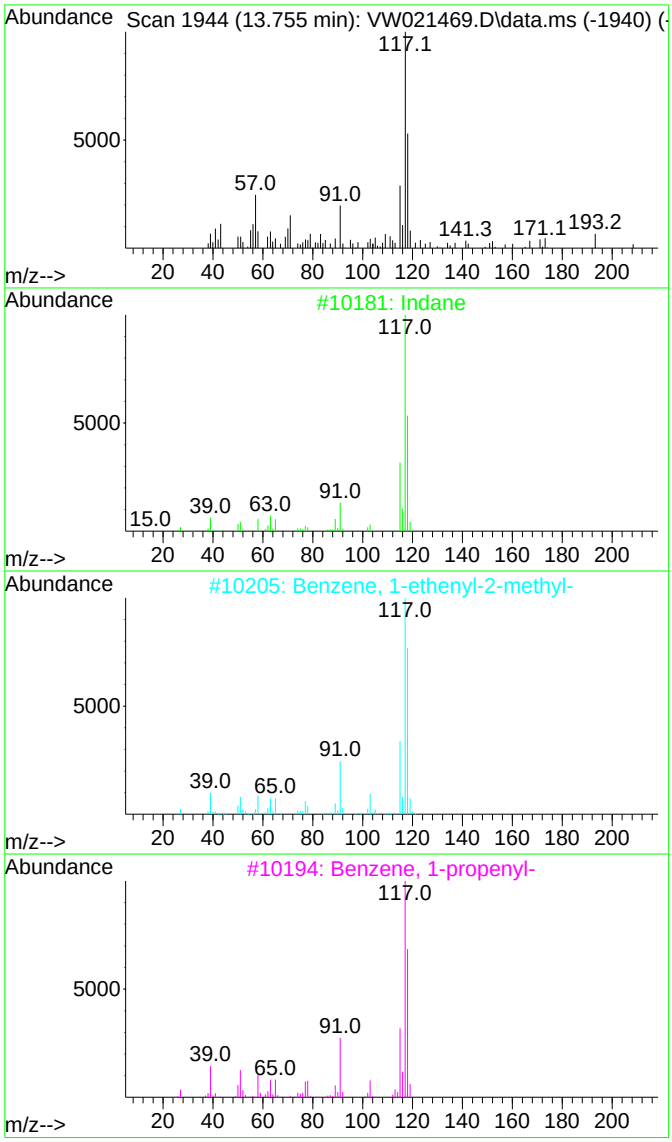
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

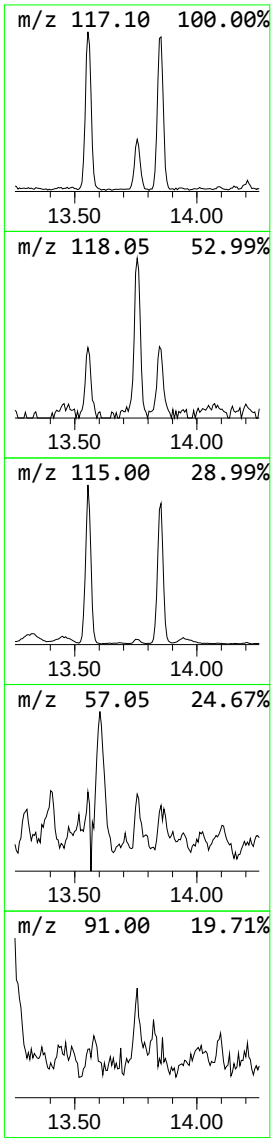
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	1.60 ug/L	33946	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	62
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021469.D
Acq On : 18 Dec 2021 12:17
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK548

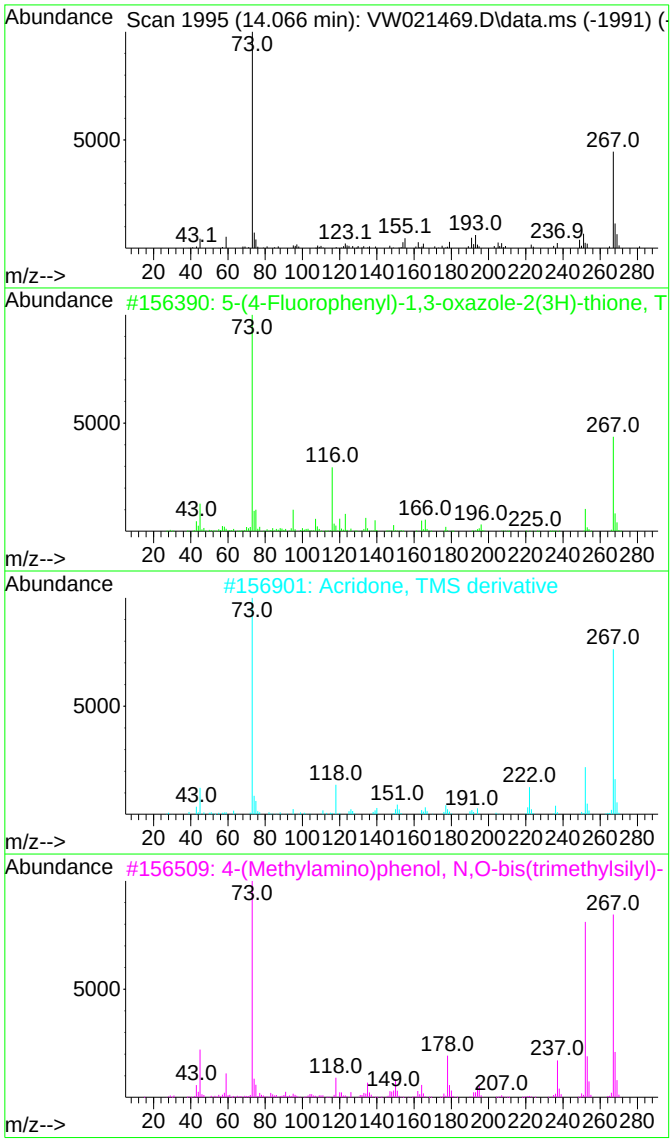
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

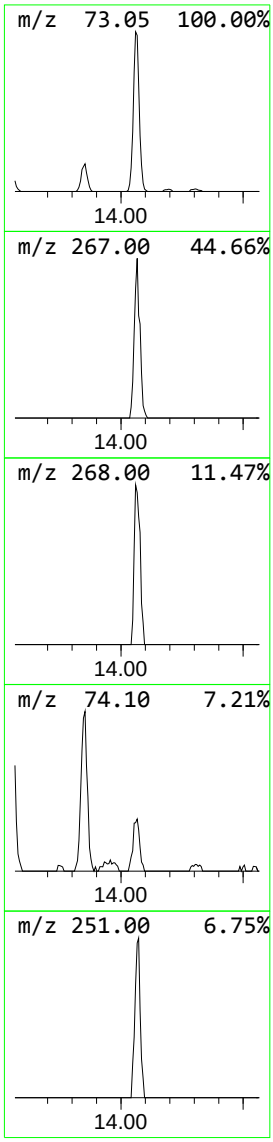
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 5-(4-Fluorophenyl)-1,3-oxaz... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	2.52 ug/L	53439	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(4-Fluorophenyl)-1,3-oxazole-2...	267	C12H14FNOSSi	1000497-07-6	59
2	Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	59
3	4-(Methylamino)phenol, N,O-bis(t...	267	C13H25NOSi2	1000471-13-0	50
4	Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	45
5	Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021469.D
Acq On : 18 Dec 2021 12:17
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK548

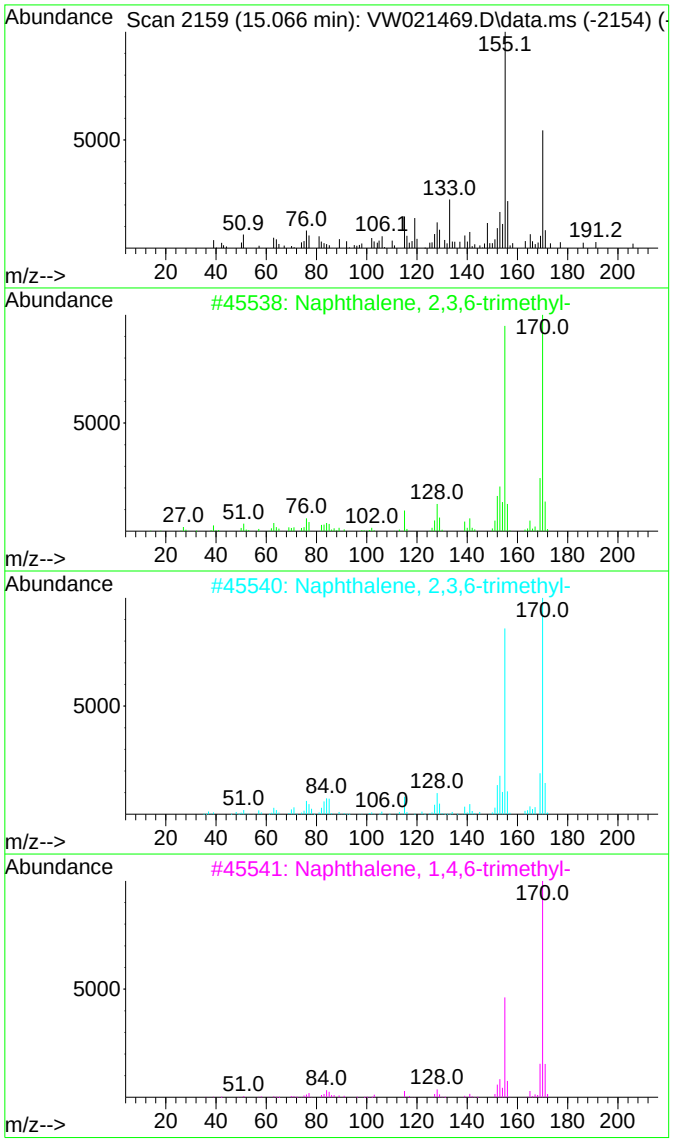
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

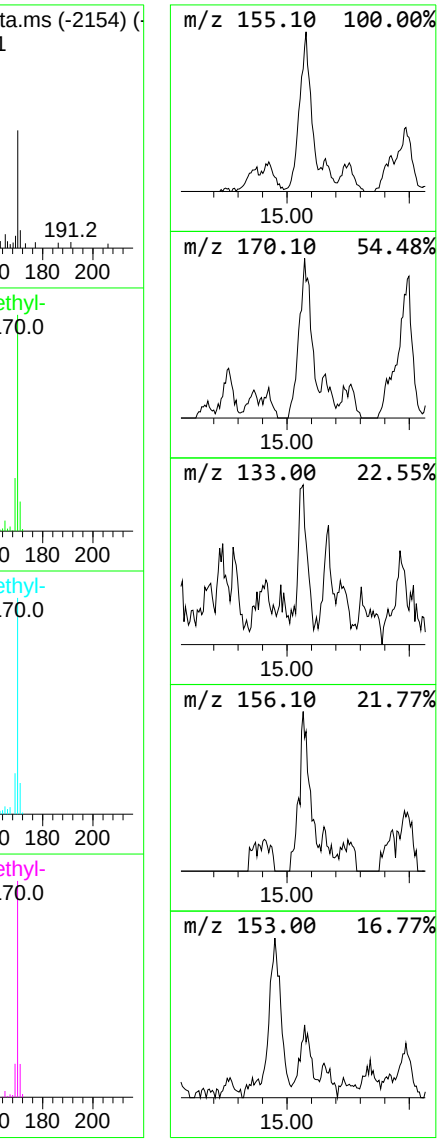
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	1.71 ug/L	36307	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	62
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	62
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021469.D
Acq On : 18 Dec 2021 12:17
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK548

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

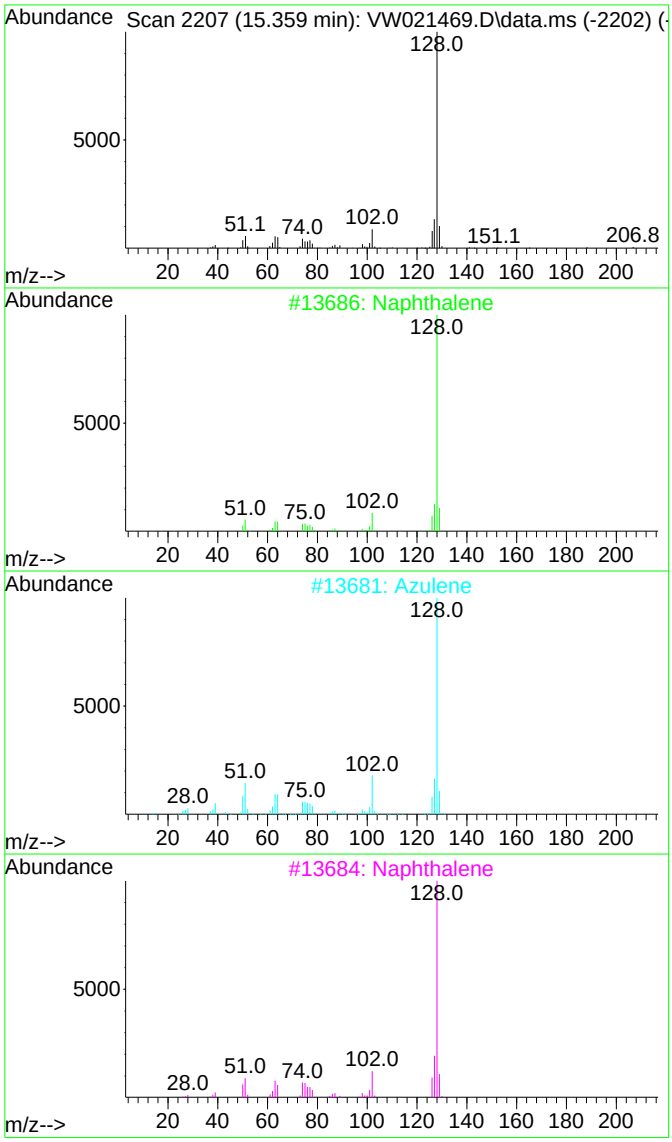
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

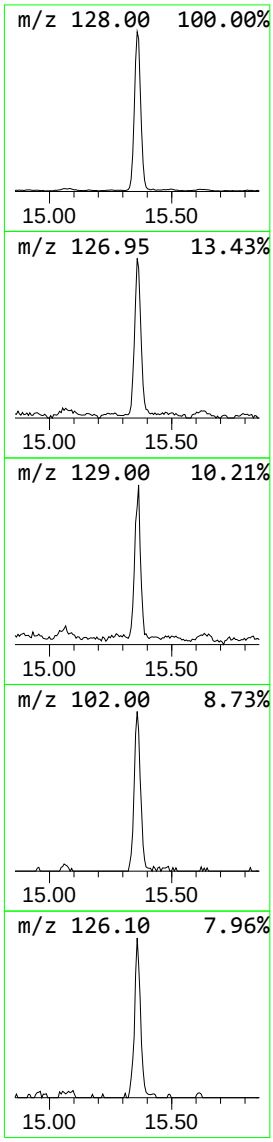
****

Peak Number 8 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.358	5.17 ug/L	109402	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	91
3	Naphthalene	128	C10H8	000091-20-3	91
4	Azulene	128	C10H8	000275-51-4	90
5	Azulene	128	C10H8	000275-51-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021469.D
Acq On : 18 Dec 2021 12:17
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK548

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	13.755	1.6	ug/L	33946	3	13.560	529464	25.0
5-(4-Fluorophen...	14.066	2.5	ug/L	53439	3	13.560	529464	25.0
Naphthalene, 2,...	15.066	1.7	ug/L	36307	3	13.560	529464	25.0
Azulene	15.358	5.2	ug/L	109402	3	13.560	529464	25.0