LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026980.D
Acq On : 31 Aug 2023 16:12
Operator : SY/MD
Sample : VIBLK503
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK503

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\SFAMWLM081023SMA.M
Title : SFAM01.0

Signal : TIC: VW026980.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.070	28	30	31	rVB2	2226	1568	0.05%	0.006%
2	2.162	41	45	46	rBV4	4133	5584	0.18%	0.022%
3	2.180	46	48	50	rBV3	2569	2208	0.07%	0.009%
4	2.229	50	56	57	rBV6	14605	27368	0.87%	0.106%
5	2.320	67	71	72	rBV4	10697	14864	0.47%	0.057%
6	2.363	72	78	99	rVV	104462	344255	10.92%	1.330%
7	2.899	158	166	187	rBV	103512	322848	10.24%	1.247%
8	3.234	220	221	225	rVB4	2060	2024	0.06%	0.008%
9	3.387	239	246	256	rBV2	30268	75860	2.41%	0.293%
10	3.533	266	270	271	rBV3	2475	2587	0.08%	0.010%
11	3.570	274	276	277	rBV2	3052	2001	0.06%	0.008%
12	3.649	287	289	291	rVV3	1908	1658	0.05%	0.006%
13	3.740	302	304	307	rVB4	2357	2344	0.07%	0.009%
14	3.795	312	313	317	rVB4	3190	3073	0.10%	0.012%
15	3.850	319	322	325	rBV5	2955	3933	0.12%	0.015%
16	4.027	340	351	365	rBV2	196255	750187	23.80%	2.898%
17	4.234	383	385	388	rBV4	2216	2499	0.08%	0.010%
18	4.277	390	392	394	rVB3	2010	1794	0.06%	0.007%
19	4.307	394	397	400	rBV5	1927	3423	0.11%	0.013%
20	4.387	403	410	424	rVB	12898	41787	1.33%	0.161%
21	4.618	443	448	450	rBV6	3275	3527	0.11%	0.014%
22	4.679	453	458	459	rBV5	1858	2205	0.07%	0.009%
23	4.716	463	464	467	rVB3	2105	1891	0.06%	0.007%
24	4.753	467	470	473	rBV5	1664	2503	0.08%	0.010%
25	4.795	476	477	480	rVB3	2185	1598	0.05%	0.006%
26	4.850	483	486	487	rBV3	2776	2185	0.07%	0.008%
27	4.923	487	498	518	rBV3	95163	453457	14.38%	1.752%
28	5.106	526	528	529	rBV	1914	1600	0.05%	0.006%
29	5.161	535	537	540	rVV4	1301	1702	0.05%	0.007%
30	5.283	553	557	558	rVB4	1372	1580	0.05%	0.006%
31	5.301	558	560	564	rVB5	1992	1864	0.06%	0.007%
32	5.417	577	579	581	rBV3	1962	2253	0.07%	0.009%
33	5.508	593	594	598	rVB4	2548	2941	0.09%	0.011%
34	5.563	598	603	606	rBV7	2741	5348	0.17%	0.021%
35	5.746	621	633	646	rBV4	22573	76603	2.43%	0.296%
36	5.844	646	649	651	rVB4	2528	2579	0.08%	0.010%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026980.D
Acq On : 31 Aug 2023 16:12
Operator : SY/MD
Sample : VIBLK503
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK503

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\SFAMWLM081023SMA.M
Title : SFAM01.0

37	5.941	656	665	676	rVB	18160	56584	1.79%	0.219%
38	6.271	714	719	720	rBV5	2199	3443	0.11%	0.013%
39	6.392	736	739	742	rBV5	2241	2277	0.07%	0.009%
40	6.435	742	746	749	rVB6	2312	3290	0.10%	0.013%
41	6.472	749	752	754	rBV4	2463	2075	0.07%	0.008%
42	6.649	778	781	783	rBV4	2824	3360	0.11%	0.013%
43	6.758	793	799	802	rVB8	2155	4415	0.14%	0.017%
44	6.795	802	805	807	rBV4	2413	2592	0.08%	0.010%
45	6.837	807	812	813	rBV4	1263	1593	0.05%	0.006%
46	6.862	813	816	820	rBV5	1514	2888	0.09%	0.011%
47	6.911	822	824	828	rBV5	3401	4183	0.13%	0.016%
48	6.996	835	838	840	rVB4	2168	1991	0.06%	0.008%
49	7.075	842	851	855	rBV	91662	234317	7.43%	0.905%
50	7.142	855	862	878	rVB	261635	765725	24.29%	2.958%
51	7.350	894	896	897	rBV2	2435	1804	0.06%	0.007%
52	7.368	897	899	903	rVB5	2464	3006	0.10%	0.012%
53	7.429	907	909	912	rVB4	2070	2032	0.06%	0.008%
54	7.484	916	918	920	rBV2	2006	1988	0.06%	0.008%
55	7.648	935	945	958	rVB	450083	1073352	34.05%	4.146%
56	7.789	965	968	970	rBV4	2160	2712	0.09%	0.010%
57	7.837	974	976	978	rBV3	2476	2325	0.07%	0.009%
58	7.935	990	992	996	rBV5	2643	3861	0.12%	0.015%
59	8.002	1001	1003	1006	rVB4	1826	2262	0.07%	0.009%
60	8.185	1031	1033	1034	rBV2	2039	1625	0.05%	0.006%
61	8.276	1034	1048	1064	rBV3	1001529	3152477	100.00%	12.178%
62	8.581	1096	1098	1099	rVB2	2527	1692	0.05%	0.007%
63	8.624	1103	1105	1107	rBV3	3005	2598	0.08%	0.010%
64	8.666	1110	1112	1113	rBV2	2061	2028	0.06%	0.008%
65	8.685	1113	1115	1118	rBV4	2797	3410	0.11%	0.013%
66	8.740	1123	1124	1126	rBV2	1904	1779	0.06%	0.007%
67	8.843	1132	1141	1152	rBV	831125	1698657	53.88%	6.562%
68	9.081	1172	1180	1185	rBV	7860	20888	0.66%	0.081%
69	9.270	1204	1211	1222	rBV	594679	1202594	38.15%	4.646%
70	9.666	1271	1276	1278	rBV6	7795	11981	0.38%	0.046%
71	9.806	1297	1299	1300	rBV2	5318	4204	0.13%	0.016%
72	9.892	1308	1313	1318	rBV2	26500	56888	1.80%	0.220%
73	9.989	1325	1329	1331	rBV3	24710	37235	1.18%	0.144%
74	10.032	1331	1336	1346	rVB	324037	575389	18.25%	2.223%
75	10.325	1377	1384	1391	rBV	1245329	2200721	69.81%	8.501%
76	10.581	1420	1426	1432	rBV	202680	353220	11.20%	1.364%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026980.D
Acq On : 31 Aug 2023 16:12
Operator : SY/MD
Sample : VIBLK503
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK503

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\SFAMWLM081023SMA.M
Title : SFAM01.0

77	10.703	1440	1446	1453	rBV	285699	507073	16.08%	1.959%
78	10.849	1465	1470	1476	rBV2	45432	84418	2.68%	0.326%
79	10.922	1476	1482	1493	rBV	268124	527549	16.73%	2.038%
80	11.062	1501	1505	1510	rVB	64072	97463	3.09%	0.376%
81	11.178	1519	1524	1530	rBV2	61898	109440	3.47%	0.423%
82	11.434	1564	1566	1576	rVB2	115537	192569	6.11%	0.744%
83	11.629	1591	1598	1607	rBV	1283785	2141191	67.92%	8.271%
84	11.837	1626	1632	1637	rBV	110116	252026	7.99%	0.974%
85	12.166	1682	1686	1690	rBV2	39079	58734	1.86%	0.227%
86	12.465	1732	1735	1741	rVB	80662	131975	4.19%	0.510%
87	12.605	1753	1758	1767	rVB	307580	611264	19.39%	2.361%
88	12.690	1767	1772	1781	rVB	567266	931292	29.54%	3.597%
89	13.281	1860	1869	1880	rVB4	205268	721898	22.90%	2.789%
90	13.556	1908	1914	1924	rVB	1496200	2411789	76.50%	9.317%
91	13.848	1956	1962	1968	rBV	1176936	2077023	65.89%	8.023%
92	14.062	1994	1997	2009	rVB2	127959	257944	8.18%	0.996%
93	14.720	2101	2105	2109	rBV3	61616	117808	3.74%	0.455%
94	15.208	2180	2185	2197	rVB4	106669	331735	10.52%	1.281%
95	15.318	2199	2203	2207	rBV3	50220	87455	2.77%	0.338%
96	15.427	2218	2221	2225	rVB2	63286	85991	2.73%	0.332%
97	15.543	2236	2240	2244	rBV	87040	124718	3.96%	0.482%
98	16.086	2324	2329	2333	rBV7	32405	74469	2.36%	0.288%
99	16.275	2356	2360	2369	rVB	42037	81673	2.59%	0.315%
100	16.482	2390	2394	2400	rVB	103926	184587	5.86%	0.713%

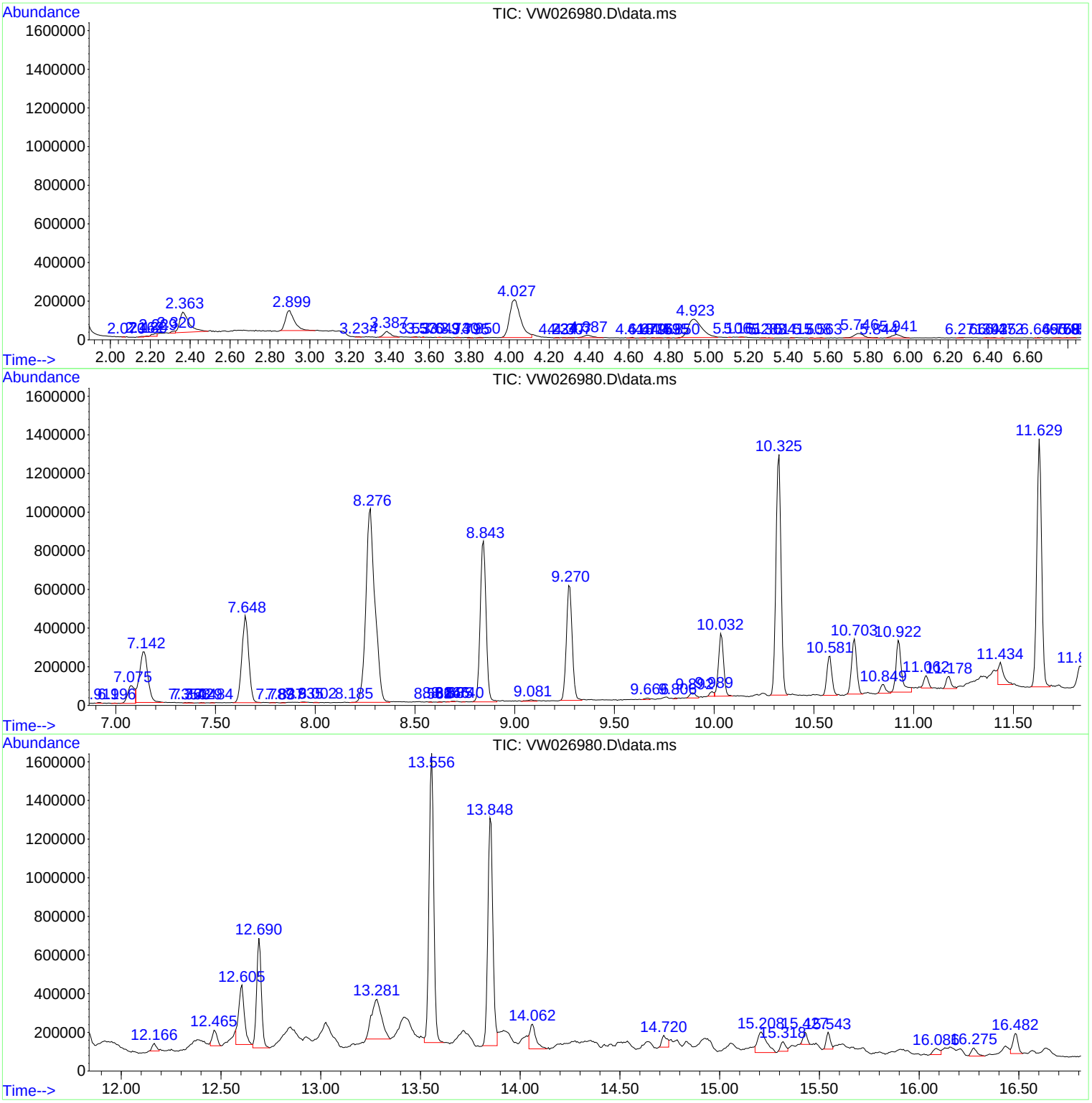
Sum of corrected areas: 25887246

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026980.D
Acq On : 31 Aug 2023 16:12
Operator : SY/MD
Sample : VIBLK503
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK503

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026980.D
Acq On : 31 Aug 2023 16:12
Operator : SY/MD
Sample : VIBLK503
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK503

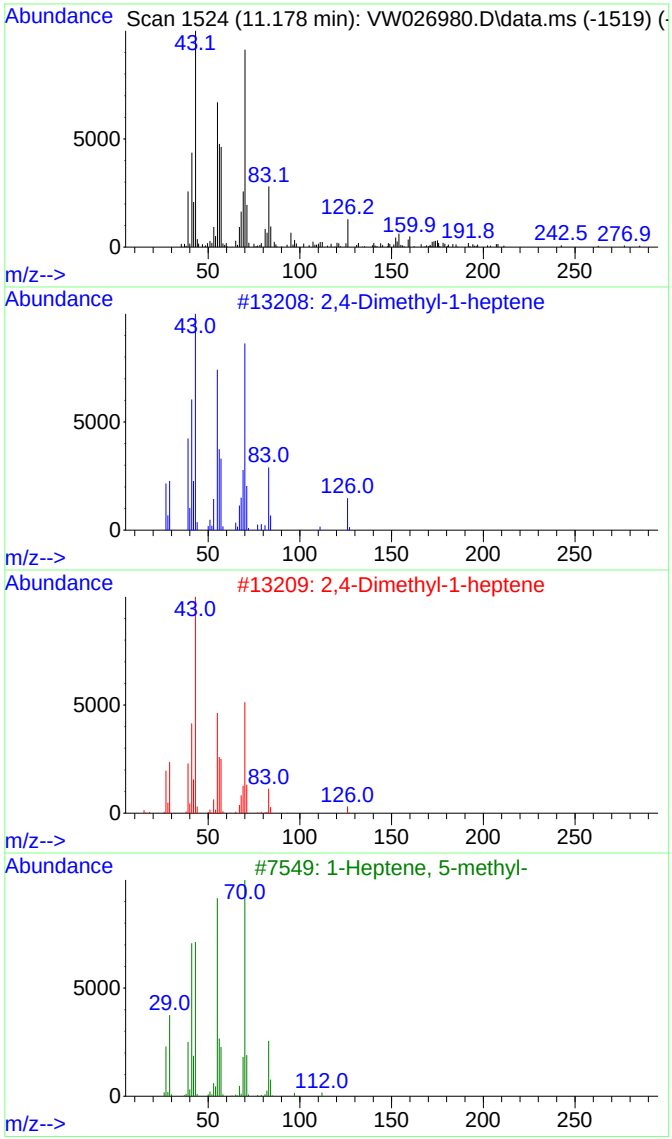
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

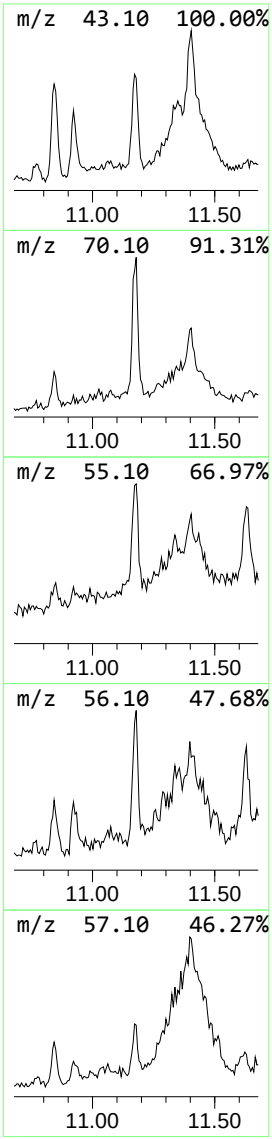
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	1.28 ug/L	109440	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	74
2	2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	72
3	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	72
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026980.D
Acq On : 31 Aug 2023 16:12
Operator : SY/MD
Sample : VIBLK503
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK503

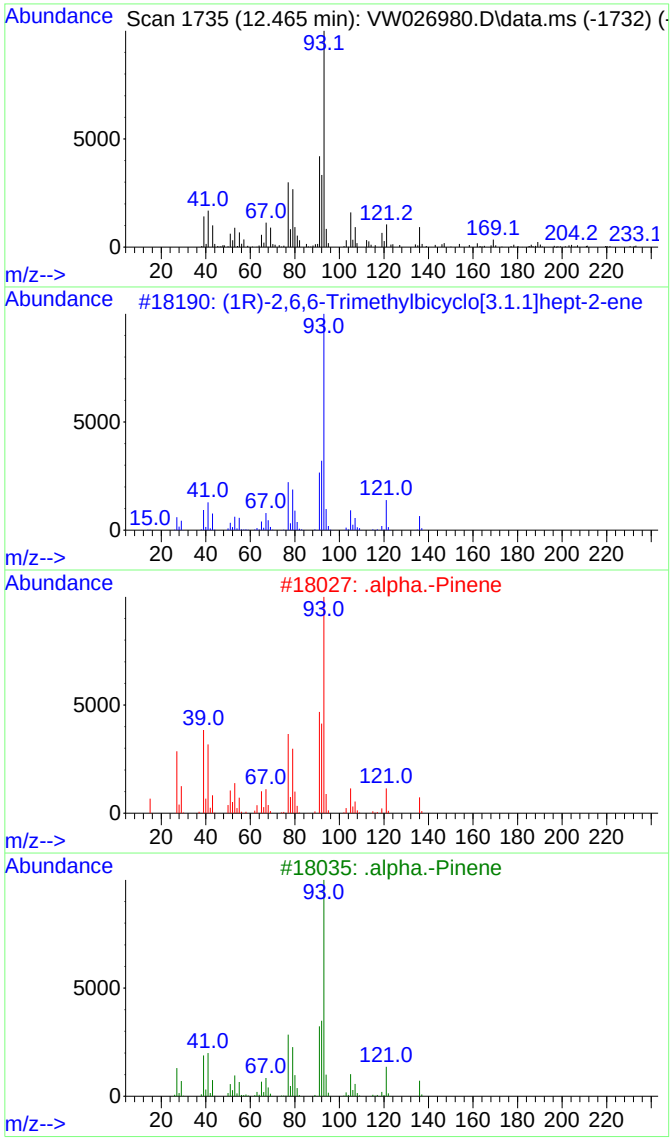
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

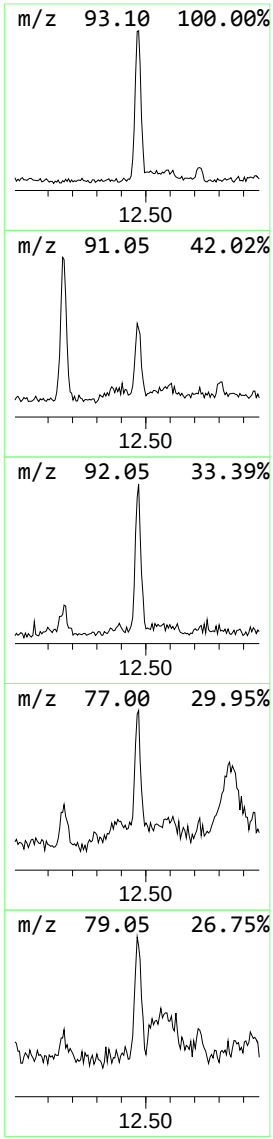
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	1.54 ug/L	131975	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	90
4	Cyclopentene, 3-isopropenyl-5,5-...	136	C10H16	1000162-25-4	87
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026980.D
Acq On : 31 Aug 2023 16:12
Operator : SY/MD
Sample : VIBLK503
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK503

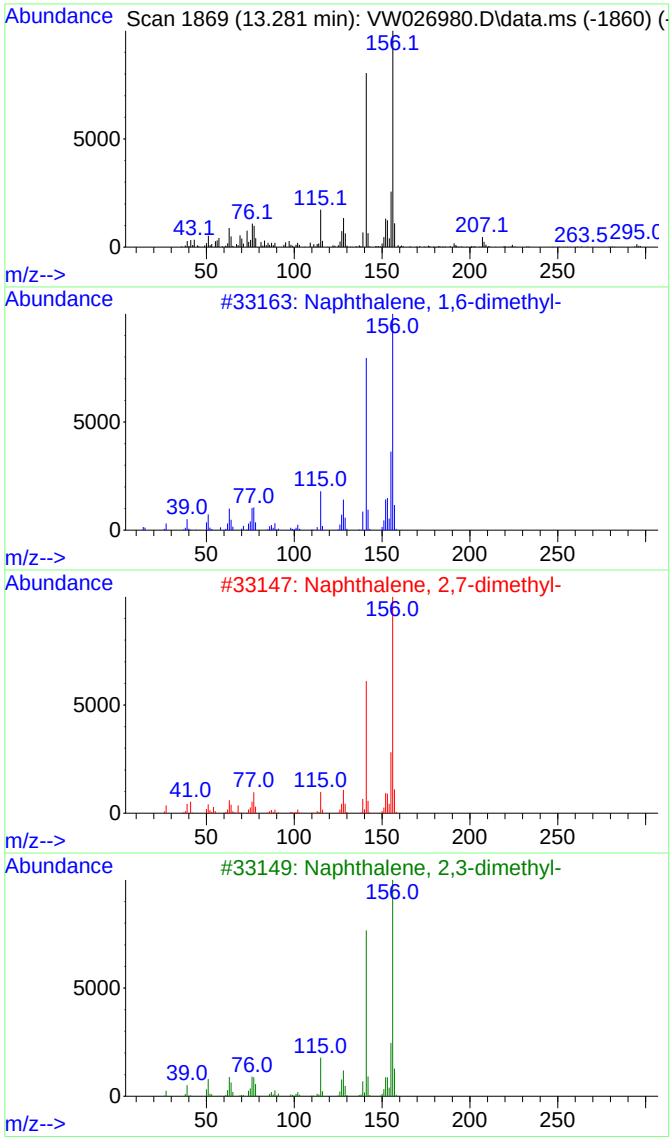
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

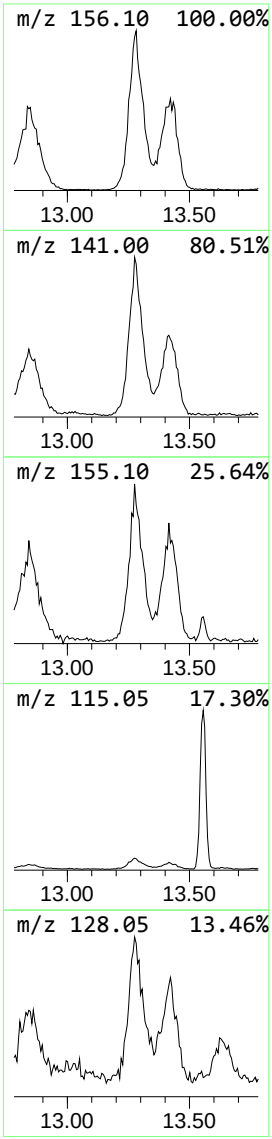
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.281	7.48 ug/L	721898	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026980.D
Acq On : 31 Aug 2023 16:12
Operator : SY/MD
Sample : VIBLK503
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK503

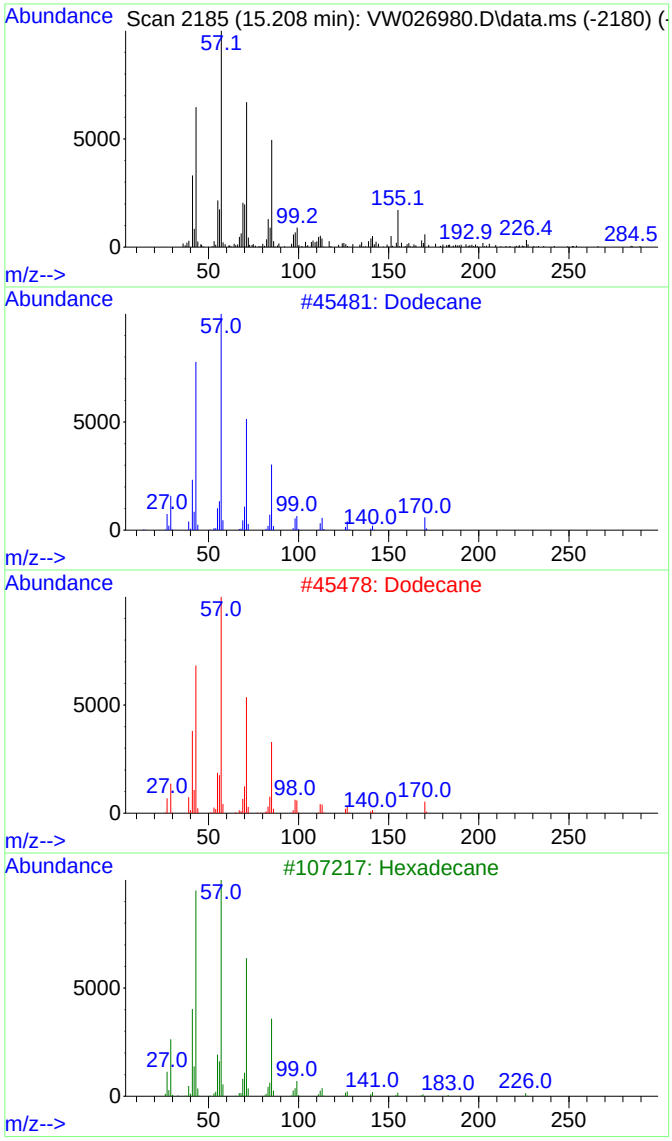
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

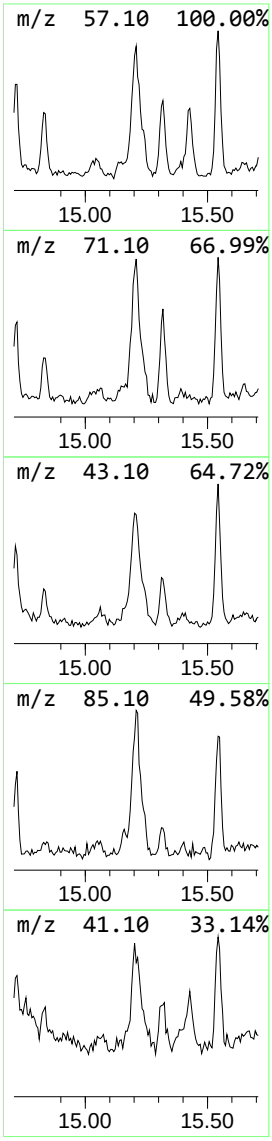
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.208	3.44 ug/L	331735	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Dodecane	170	C12H26	000112-40-3	83
3	Hexadecane	226	C16H34	000544-76-3	81
4	Dodecane	170	C12H26	000112-40-3	80
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026980.D
Acq On : 31 Aug 2023 16:12
Operator : SY/MD
Sample : VIBLK503
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK503

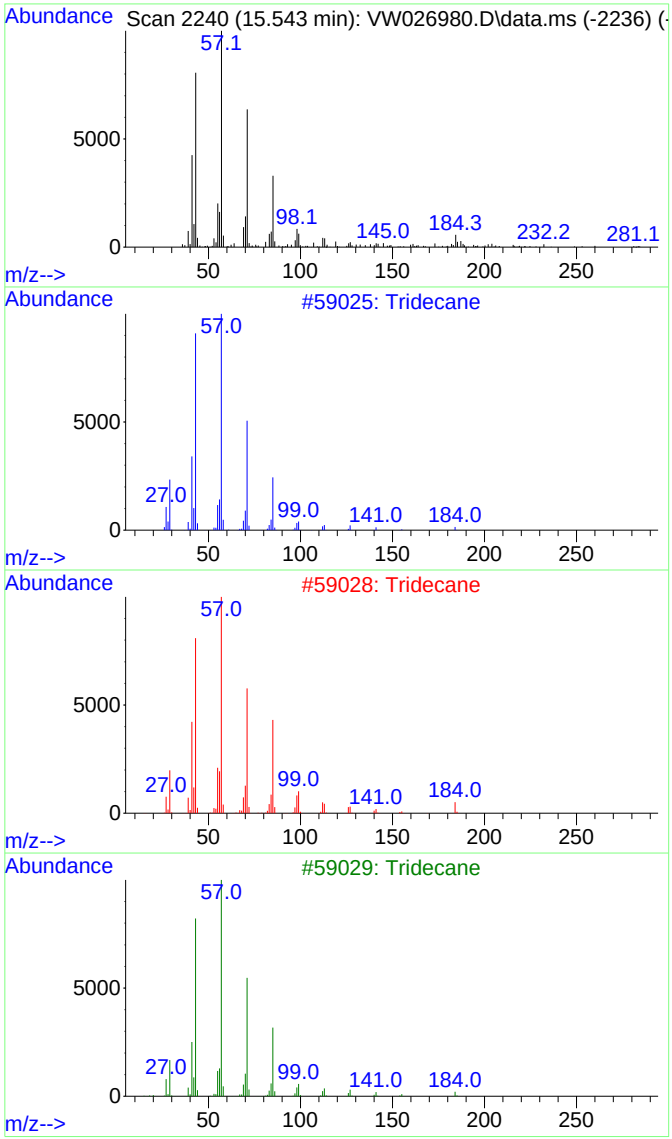
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

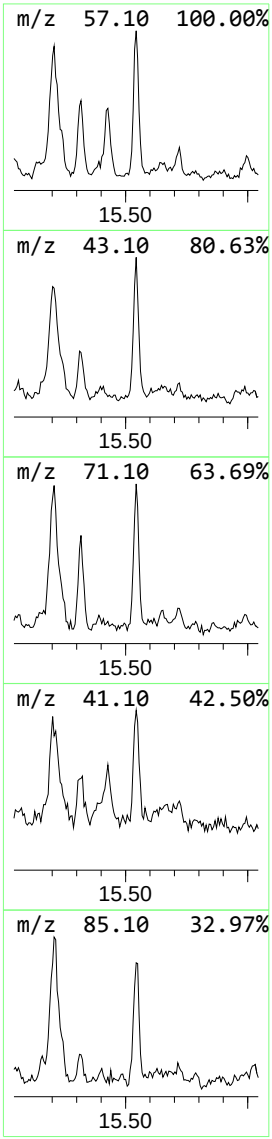
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	1.29 ug/L	124718	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tridecane	184	C13H28	000629-50-5	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026980.D
Acq On : 31 Aug 2023 16:12
Operator : SY/MD
Sample : VIBLK503
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK503

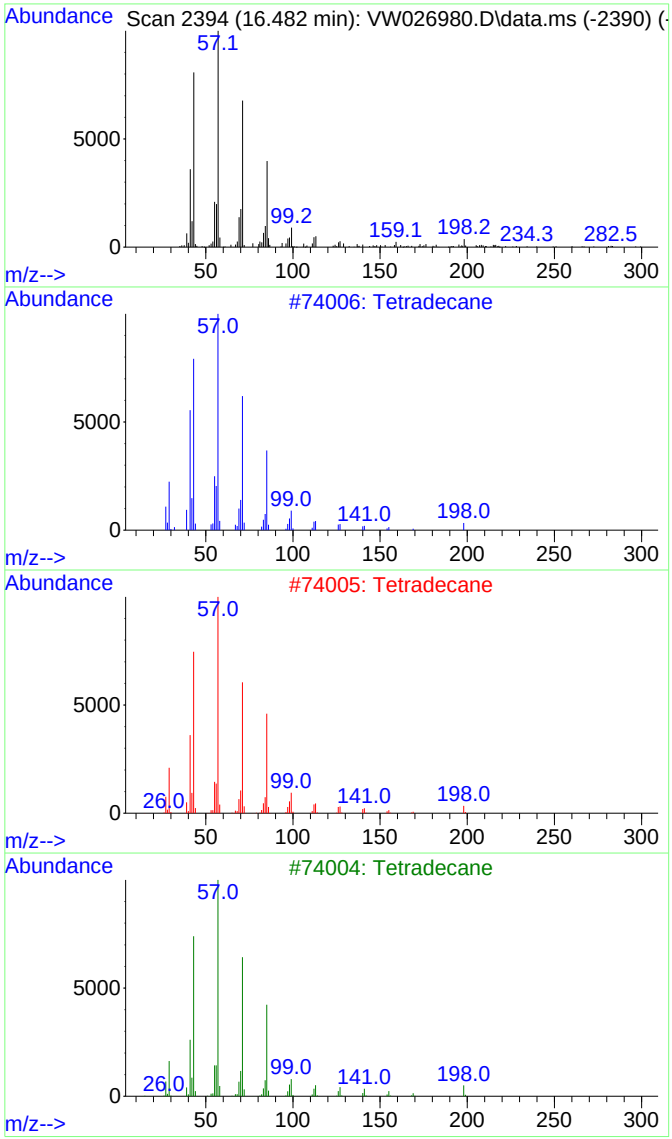
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

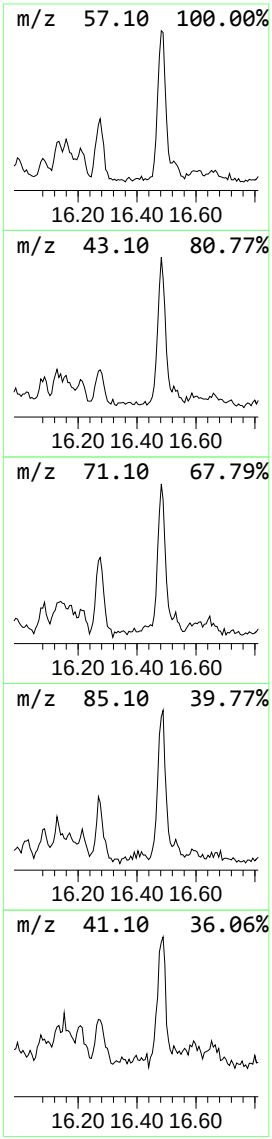
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	1.91 ug/L	184587	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Tetradecane	198	C14H30	000629-59-4	93
3	Tetradecane	198	C14H30	000629-59-4	93
4	Hexadecane	226	C16H34	000544-76-3	87
5	Hexadecane	226	C16H34	000544-76-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026980.D
Acq On : 31 Aug 2023 16:12
Operator : SY/MD
Sample : VIBLK503
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK503

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.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
(DEL) Alkane: S...	11.178	1.3	ug/L	109440	2	11.629	2141190	25.0
(1R)-2,6,6-Trim...	12.464	1.5	ug/L	131975	2	11.629	2141190	25.0
Naphthalene, 1,...	13.281	7.5	ug/L	721898	3	13.556	2411790	25.0
(DEL) Alkane: S...	15.208	3.4	ug/L	331735	3	13.556	2411790	25.0
(DEL) Alkane: S...	15.543	1.3	ug/L	124718	3	13.556	2411790	25.0
(DEL) Alkane: S...	16.482	1.9	ug/L	184587	3	13.556	2411790	25.0