LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026974.D
Acq On : 31 Aug 2023 13:50
Operator : SY/MD
Sample : VIBLK501
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK501

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: VW026974.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.229	50	56	57	rBV6	13365	22421	0.77%	0.097%
2	2.363	72	78	95	rBV	109043	322223	11.07%	1.398%
3	2.899	159	166	183	rVB2	110850	343218	11.79%	1.489%
4	3.393	240	247	251	rBV3	14148	31520	1.08%	0.137%
5	3.521	266	268	270	rBV3	2147	1637	0.06%	0.007%
6	3.735	301	303	306	rBV4	1620	2124	0.07%	0.009%
7	3.783	309	311	313	rBV3	2093	1731	0.06%	0.008%
8	4.021	337	350	367	rBV	208769	782717	26.90%	3.396%
9	4.393	404	411	423	rVV3	13684	41478	1.43%	0.180%
10	4.631	449	450	453	rBV3	1648	1680	0.06%	0.007%
11	4.686	456	459	465	rBV8	2057	4755	0.16%	0.021%
12	4.929	487	499	518	rBV2	73446	329800	11.33%	1.431%
13	5.082	522	524	526	rBV3	2577	3418	0.12%	0.015%
14	5.131	526	532	533	rBV5	3472	6561	0.23%	0.028%
15	5.320	562	563	565	rVB2	3114	2268	0.08%	0.010%
16	5.350	565	568	569	rBV3	1851	2086	0.07%	0.009%
17	5.411	572	578	581	rBV8	2822	5025	0.17%	0.022%
18	5.472	586	588	591	rVB4	2346	2225	0.08%	0.010%
19	5.509	591	594	600	rBV8	2214	4049	0.14%	0.018%
20	5.594	606	608	612	rBV4	1938	1747	0.06%	0.008%
21	5.759	626	635	641	rBV6	9926	32943	1.13%	0.143%
22	5.941	651	665	676	rBV2	34595	109230	3.75%	0.474%
23	6.088	687	689	693	rVB4	2733	3001	0.10%	0.013%
24	6.216	705	710	711	rBV5	2283	2971	0.10%	0.013%
25	6.234	711	713	715	rBV3	1566	1741	0.06%	0.008%
26	6.283	718	721	722	rBV3	2301	2295	0.08%	0.010%
27	6.636	775	779	780	rBV4	2194	2646	0.09%	0.011%
28	6.710	790	791	793	rBV2	1735	1669	0.06%	0.007%
29	6.758	795	799	800	rVV4	2063	2924	0.10%	0.013%
30	6.923	824	826	827	rVV2	2585	1845	0.06%	0.008%
31	7.081	843	852	854	rBV	78535	173614	5.97%	0.753%
32	7.136	856	861	874	rVB	202637	557950	19.17%	2.421%
33	7.423	905	908	913	rVB7	2522	4634	0.16%	0.020%
34	7.508	916	922	923	rBV5	2464	3751	0.13%	0.016%
35	7.581	932	934	936	rBV3	1879	1625	0.06%	0.007%
36	7.648	936	945	960	rVV	463254	1099424	37.78%	4.770%

LSC Area Percent Report

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Operator : SY/MD
Sample : VIBLK501
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK501

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	7.776	963	966	968	rBV4	2343	2439	0.08%	0.011%
38	7.819	971	973	974	rBV2	2061	1800	0.06%	0.008%
39	7.868	978	981	984	rVV5	2049	2832	0.10%	0.012%
40	7.892	984	985	989	rVV3	2262	3014	0.10%	0.013%
41	7.953	991	995	997	rVV4	2752	4161	0.14%	0.018%
42	8.276	1034	1048	1064	rBV2	969528	2910003	100.00%	12.627%
43	8.575	1093	1097	1098	rBV4	1537	1652	0.06%	0.007%
44	8.618	1103	1104	1107	rBV3	2296	2884	0.10%	0.013%
45	8.685	1113	1115	1121	rVB7	2765	4143	0.14%	0.018%
46	8.843	1130	1141	1154	rBV	916710	1770120	60.83%	7.681%
47	8.971	1160	1162	1167	rBV6	2240	3801	0.13%	0.016%
48	9.203	1198	1200	1203	rBV4	1645	1893	0.07%	0.008%
49	9.276	1203	1212	1228	rBV	606205	1245196	42.79%	5.403%
50	9.471	1241	1244	1247	rBV5	1864	2219	0.08%	0.010%
51	9.532	1252	1254	1258	rVB5	1881	2344	0.08%	0.010%
52	9.587	1261	1263	1267	rVB4	2856	3109	0.11%	0.013%
53	9.666	1273	1276	1282	rVV8	3568	6581	0.23%	0.029%
54	9.752	1284	1290	1297	rBV10	5347	11104	0.38%	0.048%
55	9.892	1308	1313	1318	rBV3	12805	26591	0.91%	0.115%
56	9.996	1325	1330	1331	rBV2	10945	17300	0.59%	0.075%
57	10.032	1331	1336	1344	rVB	287320	525355	18.05%	2.280%
58	10.215	1361	1366	1368	rBV5	5733	9269	0.32%	0.040%
59	10.325	1376	1384	1399	rBV	1255038	2173670	74.70%	9.432%
60	10.447	1402	1404	1407	rVB4	2798	2900	0.10%	0.013%
61	10.581	1418	1426	1437	rBV	187429	335081	11.51%	1.454%
62	10.703	1439	1446	1453	rBV2	117791	213422	7.33%	0.926%
63	10.770	1453	1457	1464	rVB10	5157	11055	0.38%	0.048%
64	10.849	1464	1470	1476	rBV3	19221	39036	1.34%	0.169%
65	10.922	1476	1482	1491	rBV	204538	364432	12.52%	1.581%
66	11.062	1499	1505	1515	rVB2	42431	74421	2.56%	0.323%
67	11.178	1519	1524	1528	rVB2	24604	38176	1.31%	0.166%
68	11.331	1546	1549	1555	rBV7	4412	6623	0.23%	0.029%
69	11.404	1556	1561	1563	rVV2	17276	28331	0.97%	0.123%
70	11.434	1563	1566	1573	rVB2	30324	51342	1.76%	0.223%
71	11.508	1576	1578	1580	rBV3	3224	2861	0.10%	0.012%
72	11.629	1590	1598	1612	rBV	1329567	2245258	77.16%	9.742%
73	11.794	1623	1625	1626	rBV2	2882	2250	0.08%	0.010%
74	12.123	1677	1679	1681	rBV3	2650	2998	0.10%	0.013%
75	12.245	1697	1699	1706	rVB8	5889	8655	0.30%	0.038%
76	12.471	1730	1736	1744	rBV2	35310	69083	2.37%	0.300%

LSC Area Percent Report

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Sample : VIBLK501
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK501

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	12.605	1751	1758	1765	rBV2	102999	195796	6.73%	0.850%
78	12.690	1765	1772	1779	rBV	548579	893228	30.70%	3.876%
79	12.934	1807	1812	1818	rVB6	22048	40182	1.38%	0.174%
80	12.995	1818	1822	1823	rVV4	3893	4783	0.16%	0.021%
81	13.032	1824	1828	1832	rVV4	15447	26775	0.92%	0.116%
82	13.074	1832	1835	1838	rVB5	8179	9853	0.34%	0.043%
83	13.160	1846	1849	1853	rBV6	10344	14479	0.50%	0.063%
84	13.221	1857	1859	1860	rBV2	3992	3234	0.11%	0.014%
85	13.288	1867	1870	1876	rVB7	14286	23176	0.80%	0.101%
86	13.556	1908	1914	1925	rVB	1565703	2472828	84.98%	10.730%
87	13.757	1943	1947	1951	rBV5	12851	16219	0.56%	0.070%
88	13.849	1956	1962	1976	rVB	1158418	1943423	66.78%	8.433%
89	14.068	1993	1998	2006	rVB3	46880	117142	4.03%	0.508%
90	14.495	2065	2068	2071	rVB3	9699	9849	0.34%	0.043%
91	14.617	2084	2088	2096	rVB4	18818	37273	1.28%	0.162%
92	14.720	2101	2105	2110	rVB	43857	64573	2.22%	0.280%
93	14.787	2112	2116	2121	rBV3	43669	81578	2.80%	0.354%
94	15.062	2158	2161	2167	rBV6	18688	32066	1.10%	0.139%
95	15.318	2198	2203	2207	rBV2	53945	92215	3.17%	0.400%
96	15.428	2218	2221	2227	rVB	38181	57673	1.98%	0.250%
97	15.543	2235	2240	2249	rVB	138972	218898	7.52%	0.950%
98	16.275	2355	2360	2368	rVB2	66127	127638	4.39%	0.554%
99	16.433	2381	2386	2389	rBV	46057	90172	3.10%	0.391%
100	16.482	2390	2394	2400	rVB	190352	331098	11.38%	1.437%

Sum of corrected areas: 23046501

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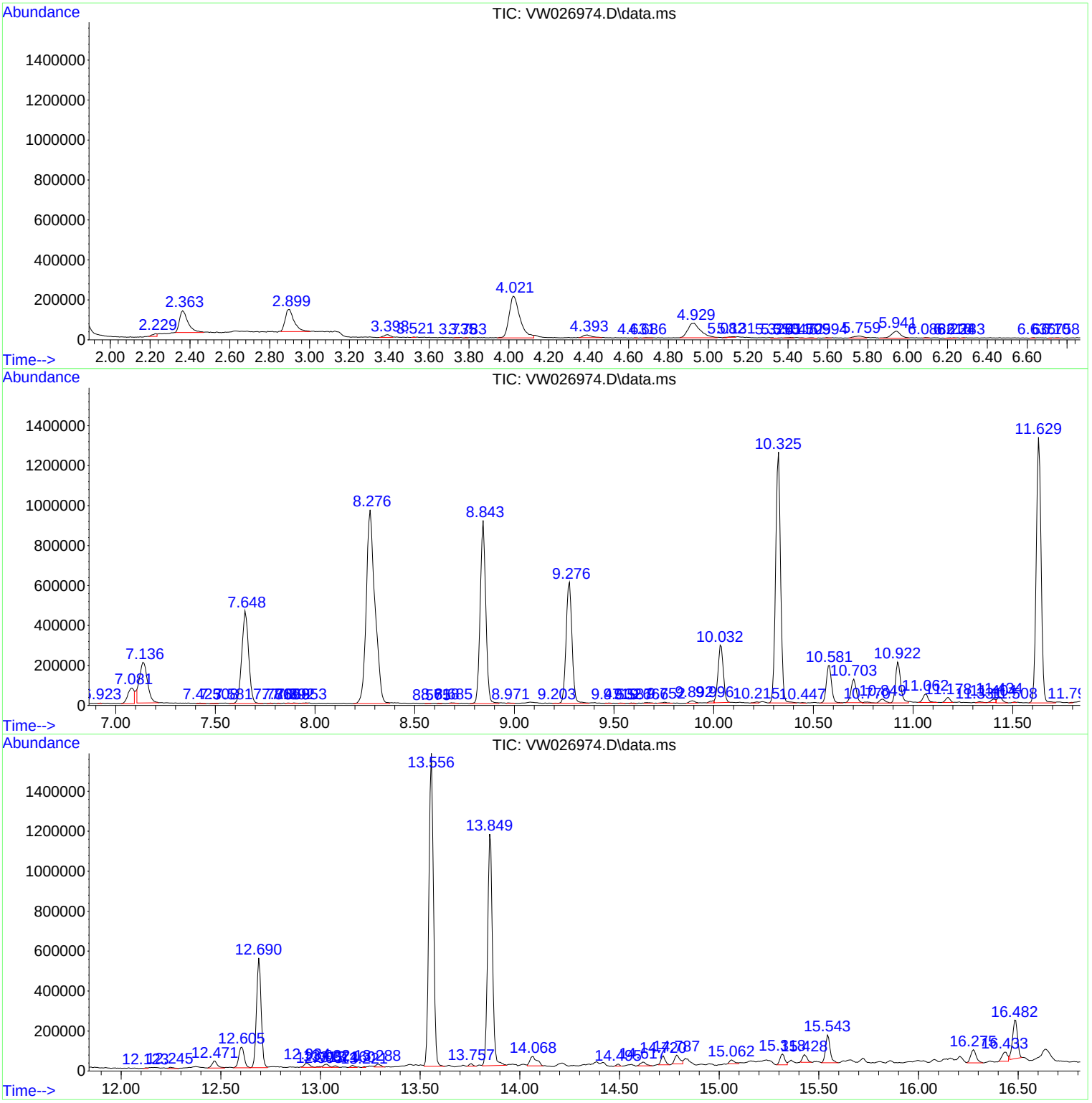
Sample : VIBLK501
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK501

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\
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Operator : SY/MD
Sample : VIBLK501
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK501

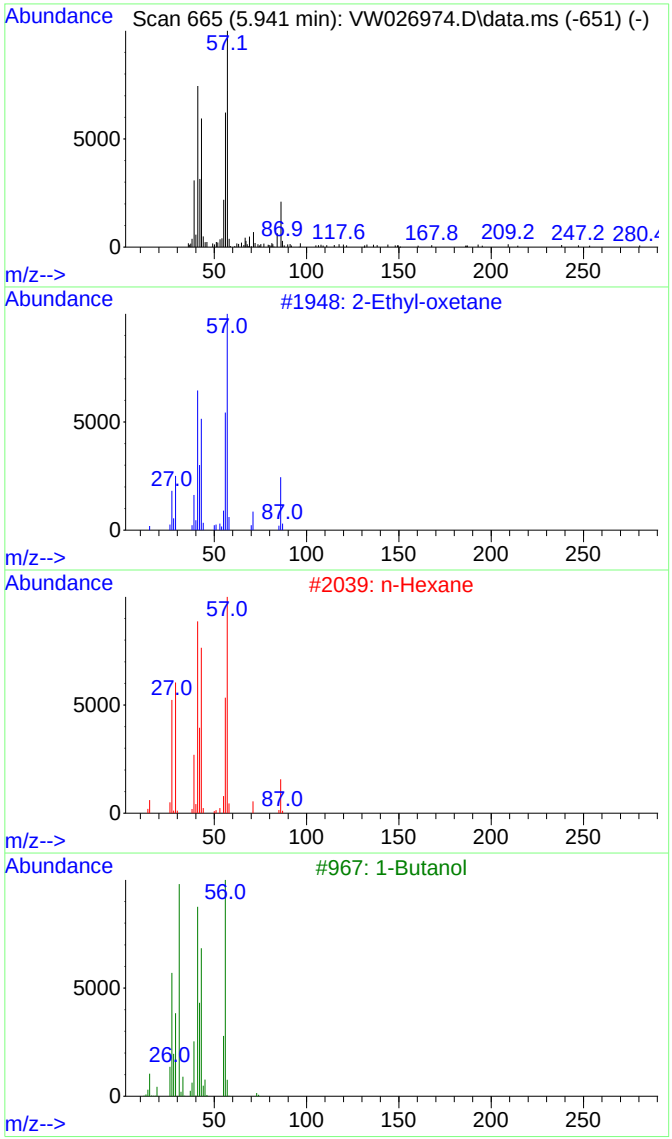
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

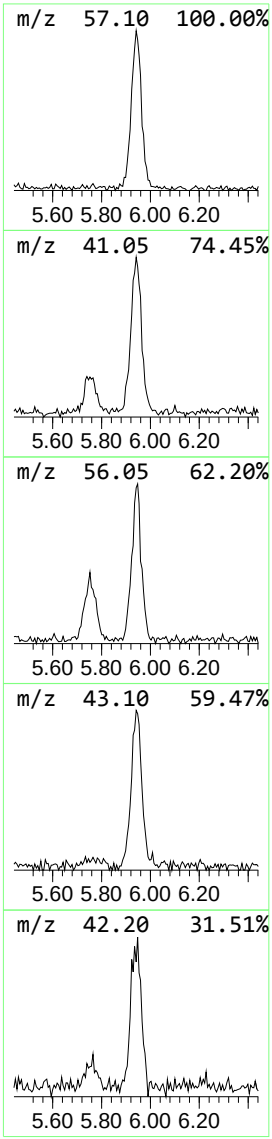
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Ethyl-oxetane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	1.54 ug/L	109230	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
2	n-Hexane	86	C6H14	000110-54-3	64
3	1-Butanol	74	C4H10O	000071-36-3	47
4	2-Butene, (E)-	56	C4H8	000624-64-6	43
5	2-Butene, (Z)-	56	C4H8	000590-18-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026974.D
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Operator : SY/MD
Sample : VIBLK501
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK501

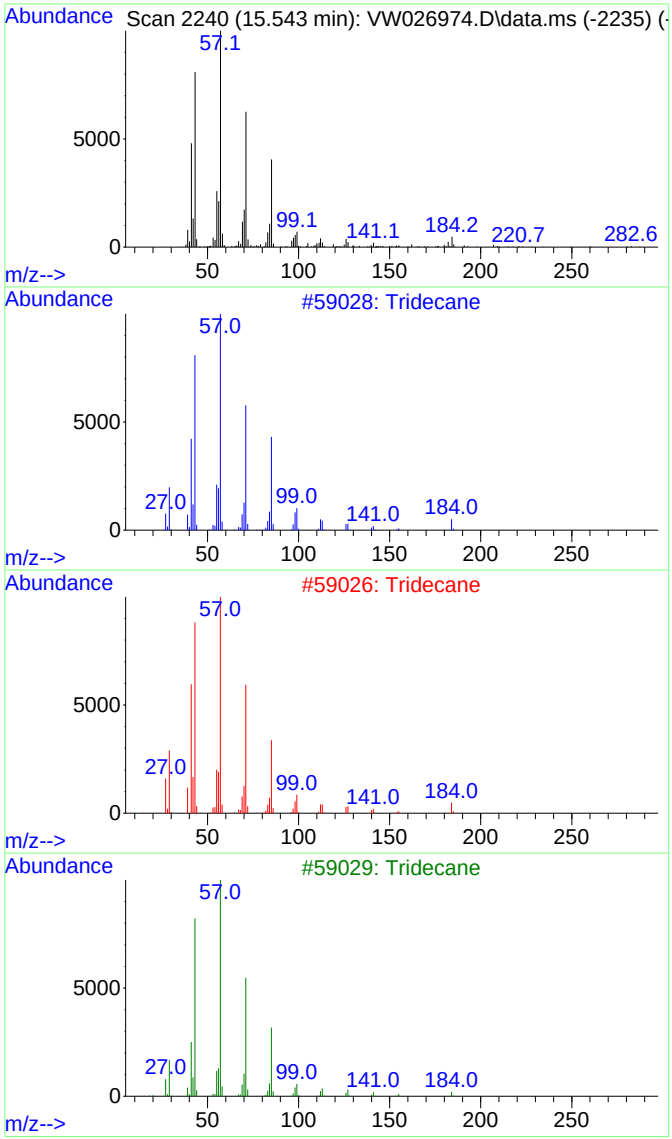
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

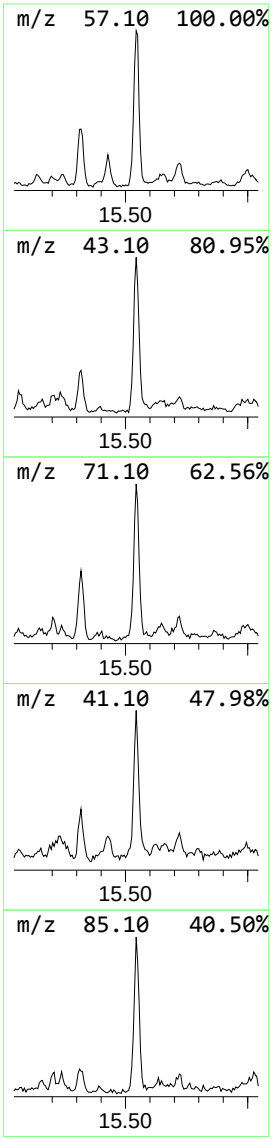
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	2.21 ug/L	218898	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	87
4	Tridecane	184	C13H28	000629-50-5	87
5	Tetradecane	198	C14H30	000629-59-4	86





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Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK501

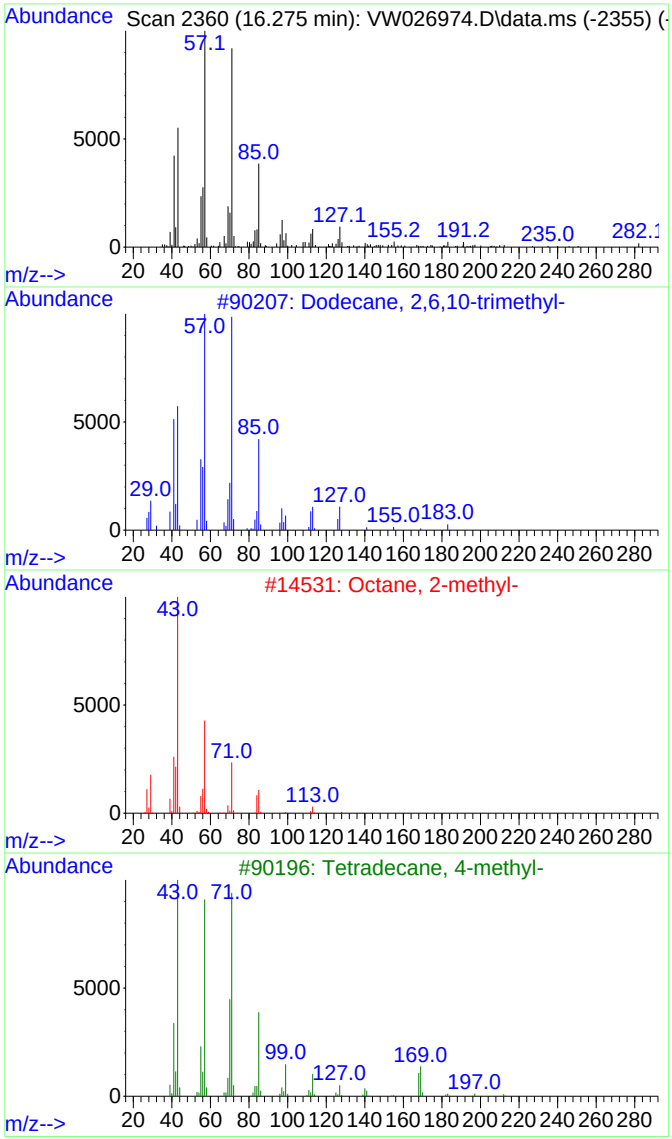
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

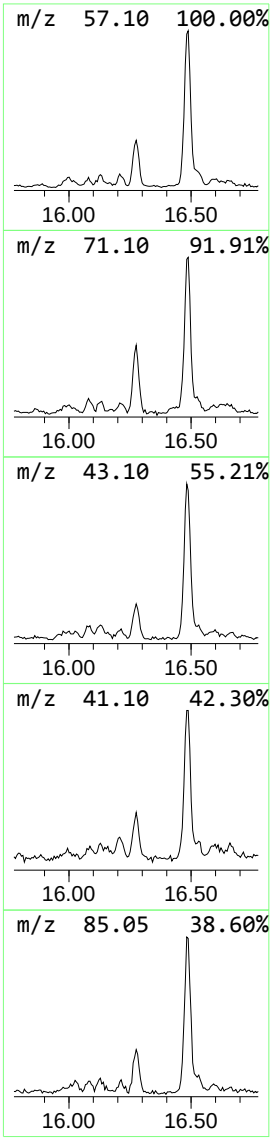
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	1.29 ug/L	127638	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Octane, 2-methyl-	128	C9H20	003221-61-2	83
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	80
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	78





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK501

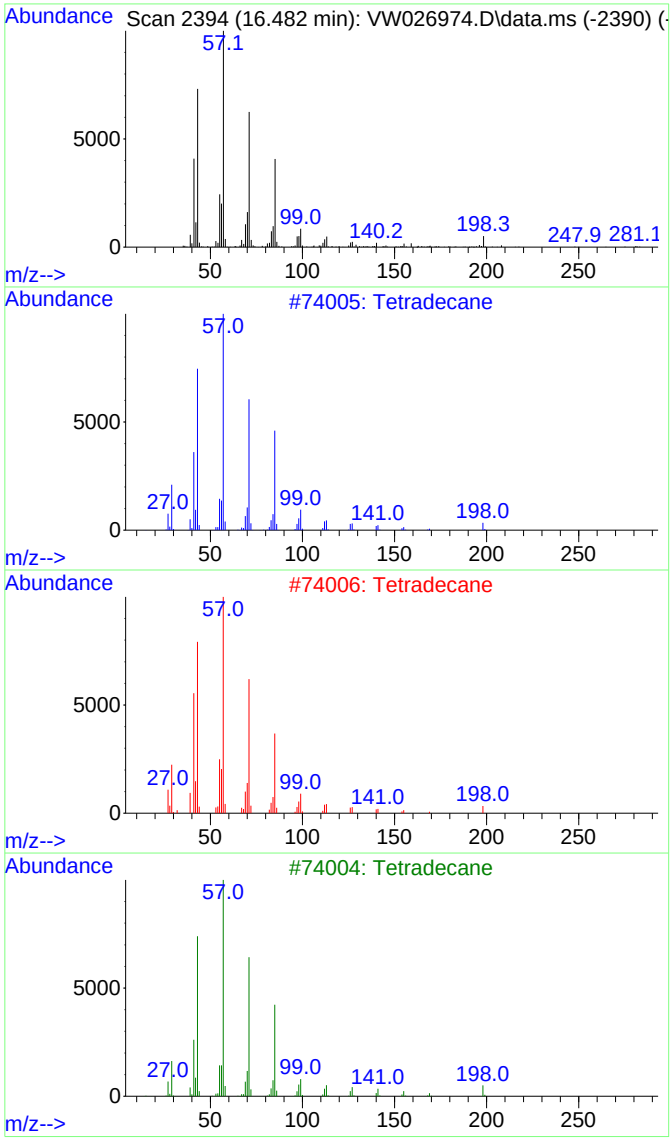
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

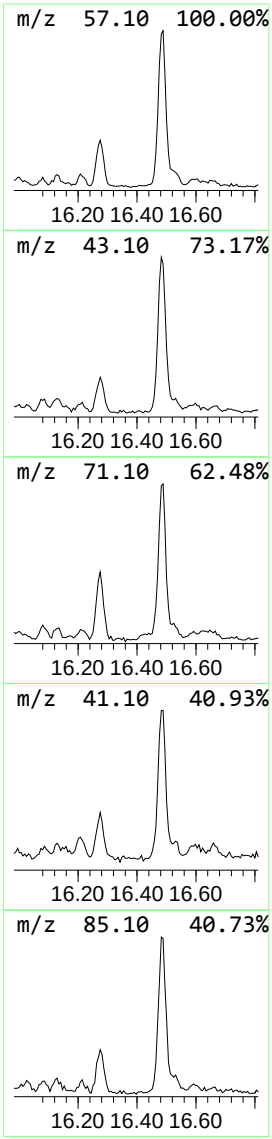
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	3.35 ug/L	331098	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tetradecane	198	C14H30	000629-59-4	95
3	Tetradecane	198	C14H30	000629-59-4	94
4	Pentadecane	212	C15H32	000629-62-9	90
5	Nonadecane	268	C19H40	000629-92-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026974.D
Acq On : 31 Aug 2023 13:50
Operator : SY/MD
Sample : VIBLK501
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK501

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
2-Ethyl-oxetane	5.941	1.5	ug/L	109230	1	8.843	1770120	25.0
(DEL) Alkane: S...	15.543	2.2	ug/L	218898	3	13.556	2472830	25.0
(DEL) Alkane: S...	16.275	1.3	ug/L	127638	3	13.556	2472830	25.0
(DEL) Alkane: S...	16.482	3.4	ug/L	331098	3	13.556	2472830	25.0