LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102424\
Data File : VW030751.D
Acq On : 24 Oct 2024 17:54
Operator : SY/MD
Sample : P4492-12
Misc : 5.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ER0

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\SFAMWLM100924SMA.M
Title : SFAM01.0

Signal : TIC: VW030751.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.155	40	44	45	rBV3	2965	3831	0.29%	0.035%
2	2.363	72	78	90	rVB	61740	128851	9.76%	1.183%
3	2.899	158	166	183	rBV2	56346	162768	12.33%	1.494%
4	3.393	244	247	250	rVV5	1141	1292	0.10%	0.012%
5	3.515	265	267	270	rVB3	1029	1061	0.08%	0.010%
6	3.545	270	272	276	rBV5	561	982	0.07%	0.009%
7	3.722	298	301	303	rVV3	724	858	0.06%	0.008%
8	4.021	337	350	360	rBV	112436	309637	23.45%	2.843%
9	4.119	361	366	378	rVB	12497	33723	2.55%	0.310%
10	4.308	394	397	400	rVB5	731	768	0.06%	0.007%
11	4.344	400	403	404	rBV3	818	983	0.07%	0.009%
12	4.527	429	433	435	rBV3	888	1353	0.10%	0.012%
13	4.606	444	446	448	rBV3	918	867	0.07%	0.008%
14	4.704	460	462	463	rBV2	868	701	0.05%	0.006%
15	4.734	466	467	470	rVB2	781	759	0.06%	0.007%
16	4.917	485	497	509	rVV4	9651	34048	2.58%	0.313%
17	4.996	509	510	514	rVV3	1394	1326	0.10%	0.012%
18	5.027	514	515	519	rVB3	1044	1131	0.09%	0.010%
19	5.137	531	533	535	rVV3	714	821	0.06%	0.008%
20	5.210	541	545	548	rVB5	705	1095	0.08%	0.010%
21	5.259	551	553	556	rVB3	708	845	0.06%	0.008%
22	5.411	575	578	580	rBV4	957	891	0.07%	0.008%
23	5.539	597	599	601	rVB3	738	692	0.05%	0.006%
24	5.801	640	642	645	rVV4	711	767	0.06%	0.007%
25	5.868	651	653	657	rBV4	705	1015	0.08%	0.009%
26	5.947	659	666	672	rBV6	3119	8591	0.65%	0.079%
27	6.057	681	684	685	rBV2	696	693	0.05%	0.006%
28	6.143	695	698	700	rVV3	730	978	0.07%	0.009%
29	6.490	754	755	759	rVV4	682	856	0.06%	0.008%
30	6.533	759	762	766	rVB6	777	1246	0.09%	0.011%
31	6.588	766	771	773	rBV6	1242	1632	0.12%	0.015%
32	6.801	802	806	809	rBV4	1012	1695	0.13%	0.016%
33	7.075	843	851	864	rBV	43670	129546	9.81%	1.189%
34	7.258	880	881	887	rVB5	1070	877	0.07%	0.008%
35	7.331	889	893	895	rBV5	534	766	0.06%	0.007%
36	7.362	897	898	900	rVB2	1439	838	0.06%	0.008%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Title : SFAM01.0

37	7.386	900	902	904	rBV2	1177	1305	0.10%	0.012%
38	7.441	908	911	914	rVB4	688	844	0.06%	0.008%
39	7.496	918	920	924	rVB4	756	821	0.06%	0.008%
40	7.648	934	945	956	rBV	269931	667253	50.54%	6.126%
41	7.764	962	964	968	rBV5	897	1074	0.08%	0.010%
42	7.831	974	975	978	rBV3	1077	1068	0.08%	0.010%
43	7.886	982	984	987	rVB3	855	838	0.06%	0.008%
44	7.972	997	998	1003	rBV3	539	889	0.07%	0.008%
45	8.014	1003	1005	1008	rVB4	696	683	0.05%	0.006%
46	8.276	1037	1048	1067	rBV2	409998	1282398	97.13%	11.774%
47	8.557	1093	1094	1097	rBV3	799	942	0.07%	0.009%
48	8.581	1097	1098	1102	rVB5	1022	694	0.05%	0.006%
49	8.618	1102	1104	1107	rBV4	935	1061	0.08%	0.010%
50	8.691	1114	1116	1121	rVB6	1487	1971	0.15%	0.018%
51	8.782	1128	1131	1132	rBV2	777	775	0.06%	0.007%
52	8.843	1132	1141	1157	rBV	588755	1153675	87.38%	10.592%
53	9.081	1170	1180	1187	rVB	3529	10210	0.77%	0.094%
54	9.191	1195	1198	1199	rVB3	953	745	0.06%	0.007%
55	9.270	1202	1211	1222	rBV	340689	703296	53.27%	6.457%
56	9.508	1249	1250	1253	rBV3	642	860	0.07%	0.008%
57	9.593	1263	1264	1269	rVB5	659	667	0.05%	0.006%
58	9.666	1272	1276	1281	rBV5	2181	3806	0.29%	0.035%
59	9.880	1309	1311	1312	rBV2	1073	878	0.07%	0.008%
60	9.898	1312	1314	1317	rVB4	960	1015	0.08%	0.009%
61	9.983	1326	1328	1329	rBV2	676	667	0.05%	0.006%
62	10.032	1329	1336	1345	rVV	159486	293644	22.24%	2.696%
63	10.136	1349	1353	1360	rVB6	2037	3738	0.28%	0.034%
64	10.203	1360	1364	1366	rBV3	875	971	0.07%	0.009%
65	10.239	1368	1370	1375	rBV6	583	834	0.06%	0.008%
66	10.325	1375	1384	1391	rBV	487235	867115	65.68%	7.961%
67	10.459	1404	1406	1408	rBV3	953	929	0.07%	0.009%
68	10.581	1419	1426	1434	rBV	102605	178953	13.55%	1.643%
69	10.697	1440	1445	1451	rVB2	4468	8951	0.68%	0.082%
70	10.843	1466	1469	1472	rBV4	1820	2458	0.19%	0.023%
71	10.922	1475	1482	1495	rBV	165622	293189	22.21%	2.692%
72	11.172	1520	1523	1525	rBV3	1079	1037	0.08%	0.010%
73	11.282	1539	1541	1546	rBV6	973	1284	0.10%	0.012%
74	11.392	1558	1559	1565	rVB5	1097	1650	0.12%	0.015%
75	11.453	1567	1569	1572	rVB4	876	768	0.06%	0.007%
76	11.489	1572	1575	1577	rBV4	719	858	0.06%	0.008%

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Title : SFAM01.0

77	11.629	1589	1598	1607	rBV	793286	1320236	100.00%	12.122%
78	11.776	1620	1622	1623	rVB2	997	659	0.05%	0.006%
79	11.818	1623	1629	1630	rBV5	1851	3050	0.23%	0.028%
80	11.873	1636	1638	1642	rVB4	2823	2870	0.22%	0.026%
81	11.971	1650	1654	1656	rBV5	1557	2080	0.16%	0.019%
82	12.068	1668	1670	1672	rVB3	2201	1891	0.14%	0.017%
83	12.093	1672	1674	1675	rBV2	856	758	0.06%	0.007%
84	12.117	1676	1678	1679	rVV	1357	741	0.06%	0.007%
85	12.361	1714	1718	1724	rVB4	8922	14637	1.11%	0.134%
86	12.440	1729	1731	1732	rBV2	1469	1040	0.08%	0.010%
87	12.587	1749	1755	1762	rBV2	17847	37661	2.85%	0.346%
88	12.690	1765	1772	1779	rBV	282262	472204	35.77%	4.335%
89	12.830	1792	1795	1796	rBV3	1854	1761	0.13%	0.016%
90	12.867	1796	1801	1806	rVV8	3526	7932	0.60%	0.073%
91	12.958	1808	1816	1822	rVV6	13136	34244	2.59%	0.314%
92	13.190	1850	1854	1862	rVB	52810	88189	6.68%	0.810%
93	13.294	1867	1871	1877	rBV	26447	42404	3.21%	0.389%
94	13.403	1881	1889	1898	rBV	86019	157334	11.92%	1.445%
95	13.556	1908	1914	1918	rBV	675904	1055458	79.94%	9.690%
96	13.599	1918	1921	1931	rVB2	107944	225974	17.12%	2.075%
97	13.763	1943	1948	1954	rVB2	40152	66522	5.04%	0.611%
98	13.849	1956	1962	1969	rBV	518006	857911	64.98%	7.877%
99	15.318	2199	2203	2210	rVB2	42677	74192	5.62%	0.681%
100	16.269	2355	2359	2368	rVB	44518	88343	6.69%	0.811%

Sum of corrected areas: 10891688

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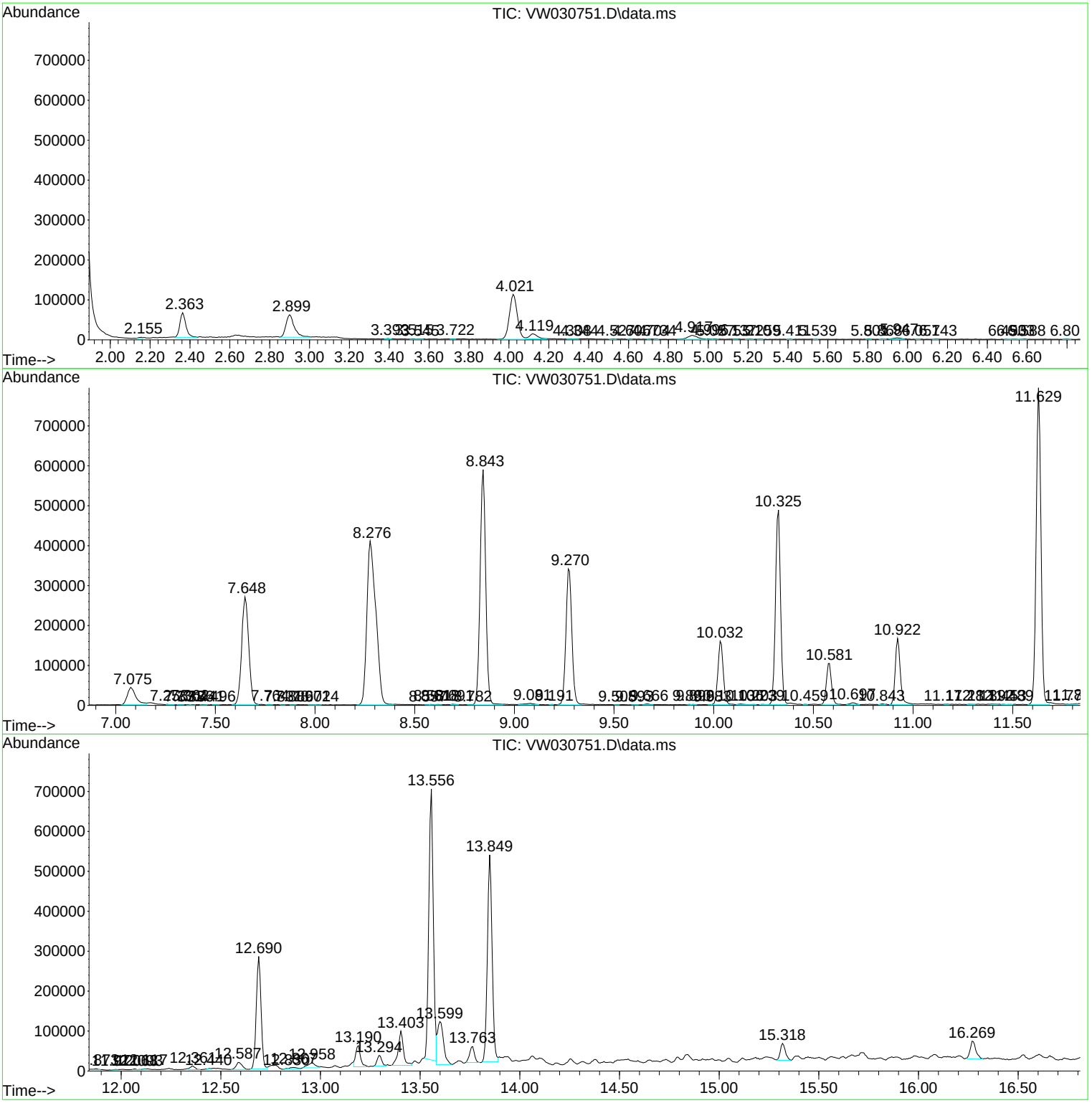
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

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



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ClientSampleId :
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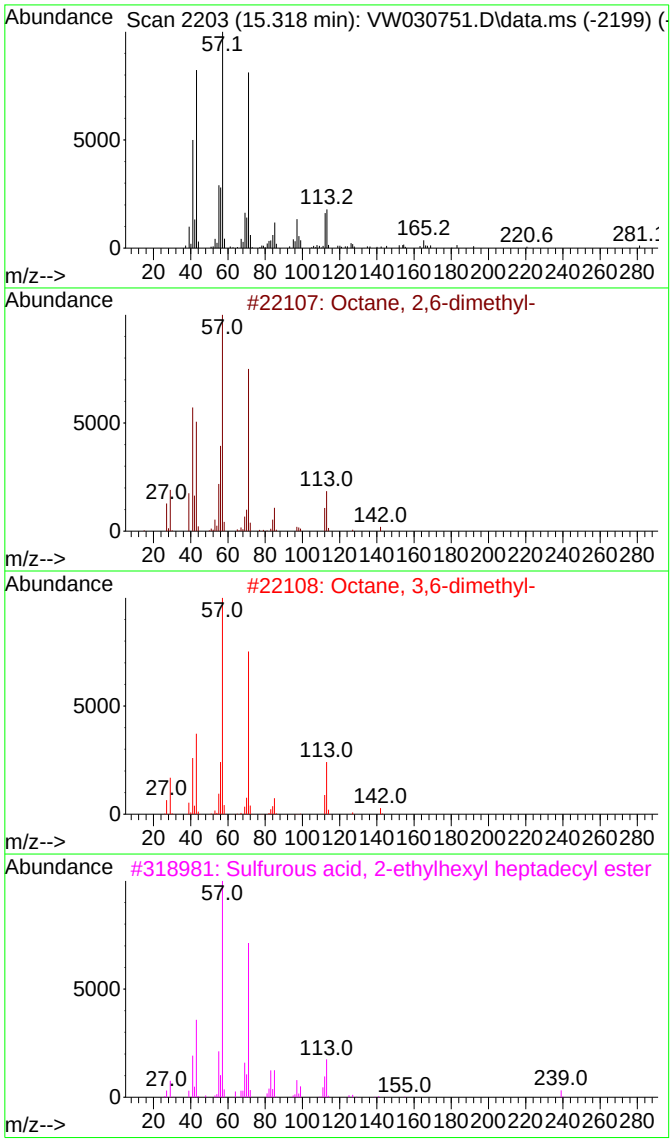
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

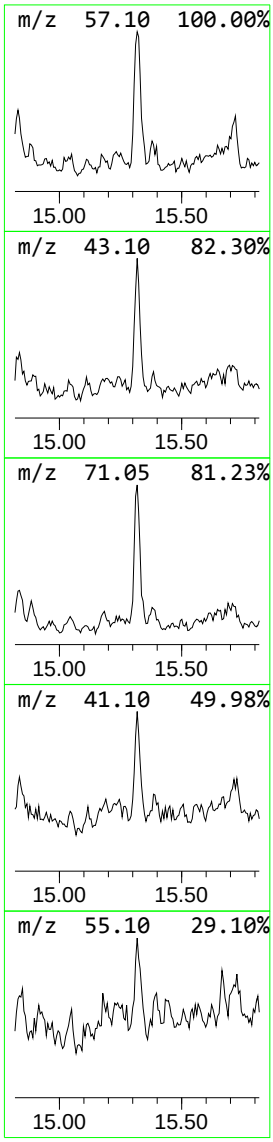
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	1.76 ug/L	74192	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
3	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
4	6-Methyl-2-heptanol, 2-methylpro...	200	C12H24O2	1000447-36-7	64
5	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64





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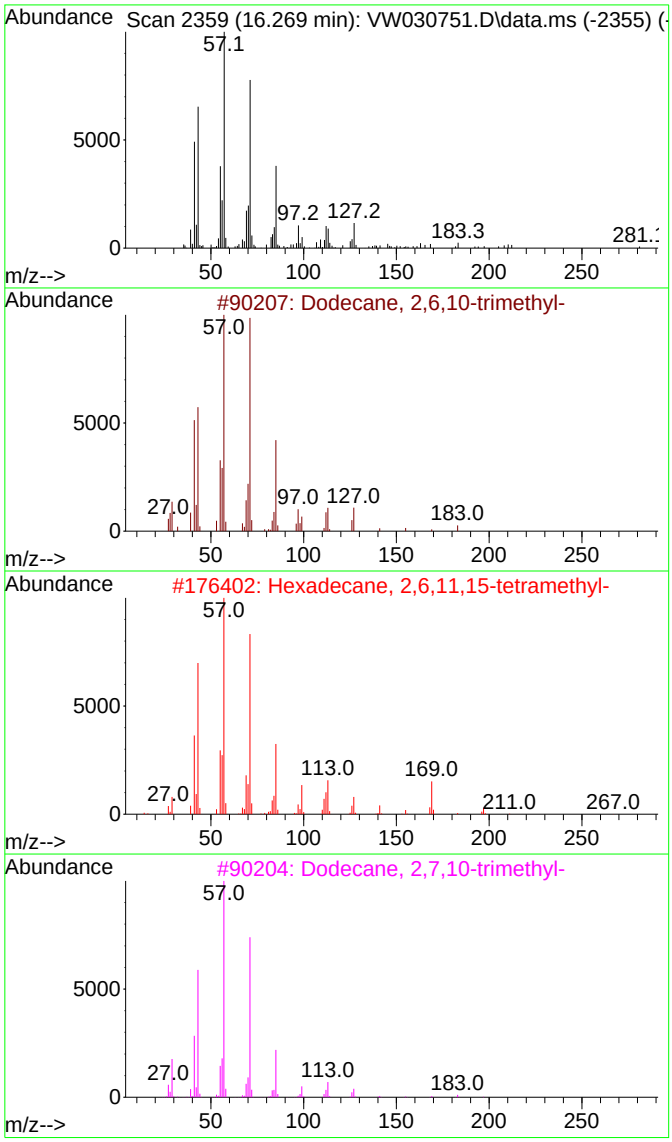
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

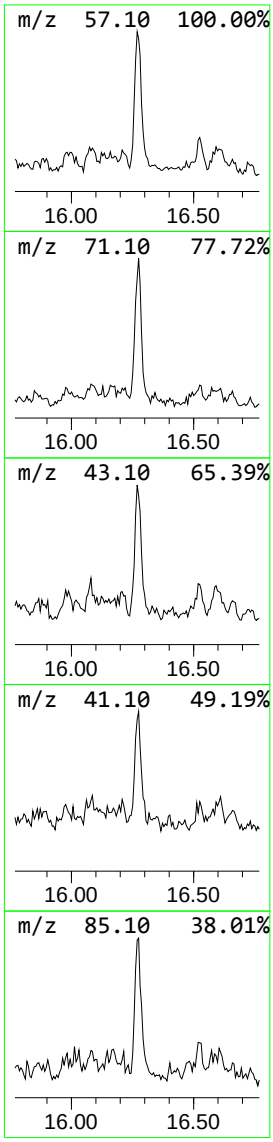
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.269	2.09 ug/L	88343	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	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	59
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59





Tentatively Identified Compound (LSC) summary

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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...	15.318	1.8	ug/L	74192	3	13.556	1055460	25.0
(DEL) Alkane: S...	16.269	2.1	ug/L	88343	3	13.556	1055460	25.0