LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032386.D
Acq On : 20 Oct 2025 14:12
Operator : SY/MD
Sample : Q3375-04
Misc : 3.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S02-010074-20251016

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\82W100125S.M
Title : SW846 8260

Signal : TIC: VW032386.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.167	364	374	383	rBV	53703	158844	4.47%	0.271%
2	4.417	406	415	425	rBV	13891	41767	1.18%	0.071%
3	4.960	494	504	528	rBV6	15689	71911	2.02%	0.123%
4	5.965	659	669	681	rBV5	10544	36406	1.02%	0.062%
5	7.197	858	871	883	rBV2	29159	92139	2.59%	0.157%
6	7.715	946	956	967	rBV2	136749	349092	9.83%	0.595%
7	7.898	972	986	991	rBV	203872	500220	14.08%	0.853%
8	7.959	991	996	1005	rVV	308509	731881	20.60%	1.248%
9	8.044	1005	1010	1021	rVB3	40070	106281	2.99%	0.181%
10	8.166	1023	1030	1036	rVV	49263	113031	3.18%	0.193%
11	8.233	1036	1041	1047	rVV4	13791	36182	1.02%	0.062%
12	8.319	1047	1055	1066	rVV	216966	475653	13.39%	0.811%
13	8.447	1067	1076	1083	rVV5	40055	126028	3.55%	0.215%
14	8.520	1083	1088	1092	rVV3	26873	61553	1.73%	0.105%
15	8.587	1092	1099	1109	rVB	62887	149326	4.20%	0.255%
16	8.849	1134	1142	1155	rBV	593670	1225091	34.49%	2.089%
17	9.081	1173	1180	1184	rBV2	19015	45175	1.27%	0.077%
18	9.154	1184	1192	1200	rVB3	22303	76685	2.16%	0.131%
19	9.337	1208	1222	1228	rBV5	309796	1000308	28.16%	1.706%
20	9.392	1228	1231	1241	rVB	100987	183657	5.17%	0.313%
21	9.611	1258	1267	1274	rBV2	147715	331833	9.34%	0.566%
22	9.757	1284	1291	1299	rBV2	151938	308422	8.68%	0.526%
23	9.855	1301	1307	1312	rBV	302861	565416	15.92%	0.964%
24	9.904	1312	1315	1319	rVV2	82753	134659	3.79%	0.230%
25	9.953	1319	1323	1327	rVB3	52506	89397	2.52%	0.152%
26	10.087	1338	1345	1350	rBV2	138042	347739	9.79%	0.593%
27	10.209	1360	1365	1369	rBV2	118797	234697	6.61%	0.400%
28	10.324	1377	1384	1399	rBV	1287189	2747740	77.36%	4.685%
29	10.446	1400	1404	1407	rBV2	44577	75688	2.13%	0.129%
30	10.501	1407	1413	1423	rVB5	189968	507027	14.27%	0.865%
31	10.623	1427	1433	1436	rBV	117521	221830	6.25%	0.378%
32	10.666	1436	1440	1448	rVB	273538	481636	13.56%	0.821%
33	10.763	1448	1456	1460	rBV5	208983	499673	14.07%	0.852%
34	10.849	1466	1470	1475	rVB	155975	253905	7.15%	0.433%
35	10.934	1475	1484	1491	rBV	622888	1072124	30.18%	1.828%
36	11.032	1491	1500	1509	rBV3	387582	1080058	30.41%	1.842%

LSC Area Percent Report

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Instrument :
MSVOA_W
ClientSampleId :
PR132-S02-010074-20251016

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Title : SW846 8260

37	11.111	1509	1513	1516	rVV3	159271	279604	7.87%	0.477%
38	11.178	1520	1524	1528	rVV	348465	619423	17.44%	1.056%
39	11.233	1528	1533	1538	rVV	816634	1519719	42.79%	2.591%
40	11.288	1538	1542	1545	rVV3	156263	275691	7.76%	0.470%
41	11.336	1545	1550	1554	rVV2	427294	786891	22.15%	1.342%
42	11.379	1554	1557	1562	rVV5	176182	438640	12.35%	0.748%
43	11.434	1562	1566	1574	rVB	418789	776411	21.86%	1.324%
44	11.507	1574	1578	1583	rBV2	176263	286879	8.08%	0.489%
45	11.629	1593	1598	1607	rBV	766662	1336163	37.62%	2.278%
46	11.763	1616	1620	1623	rBV	175648	240359	6.77%	0.410%
47	11.818	1623	1629	1633	rVV4	242806	504219	14.20%	0.860%
48	11.873	1633	1638	1642	rVV	514854	968604	27.27%	1.652%
49	11.916	1642	1645	1650	rVB2	358485	589800	16.60%	1.006%
50	11.970	1650	1654	1661	rBV3	155206	406858	11.45%	0.694%
51	12.135	1674	1681	1688	rBV5	752924	1938448	54.57%	3.305%
52	12.251	1692	1700	1704	rVB	1165430	2004362	56.43%	3.418%
53	12.361	1704	1718	1726	rBV4	995172	3551986	100.00%	6.057%
54	12.452	1730	1733	1738	rBV4	156353	308286	8.68%	0.526%
55	12.617	1754	1760	1767	rVB2	948507	1720475	48.44%	2.934%
56	12.696	1770	1773	1777	rVB5	140529	211811	5.96%	0.361%
57	12.775	1782	1786	1792	rVB3	784970	1399684	39.41%	2.387%
58	12.861	1793	1800	1803	rBV4	458738	1040622	29.30%	1.774%
59	13.074	1827	1835	1836	rBV4	443305	887377	24.98%	1.513%
60	13.159	1846	1849	1856	rVB	1019240	1489384	41.93%	2.540%
61	13.287	1867	1870	1874	rVB2	286765	356982	10.05%	0.609%
62	13.336	1875	1878	1882	rVB2	301130	379147	10.67%	0.647%
63	13.482	1899	1902	1907	rVB5	294659	464605	13.08%	0.792%
64	13.556	1910	1914	1922	rVB2	785396	1669181	46.99%	2.846%
65	13.696	1932	1937	1941	rBV3	497709	972184	27.37%	1.658%
66	13.873	1961	1966	1970	rBV2	877372	1608021	45.27%	2.742%
67	13.976	1979	1983	1986	rBV4	330277	573369	16.14%	0.978%
68	14.031	1986	1992	1998	rVV7	329907	1066972	30.04%	1.819%
69	14.190	2014	2018	2023	rBV5	331017	675060	19.01%	1.151%
70	14.257	2026	2029	2035	rVB5	415171	710580	20.01%	1.212%
71	14.379	2045	2049	2054	rVB2	856869	1237319	34.83%	2.110%
72	14.543	2073	2076	2081	rVB4	612081	842661	23.72%	1.437%
73	14.732	2104	2107	2111	rBV4	225925	365909	10.30%	0.624%
74	14.793	2112	2117	2120	rVV3	623418	1242282	34.97%	2.118%
75	14.830	2120	2123	2131	rVB2	1326347	2458704	69.22%	4.193%
76	15.317	2198	2203	2210	rVB2	1470968	2413015	67.93%	4.115%

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PR132-S02-010074-20251016

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Title : SW846 8260

77	15.720	2265	2269	2277	rVB5	777757	1595147	44.91%	2.720%
78	16.269	2355	2359	2368	rVB	912054	1898781	53.46%	3.238%

Sum of corrected areas: 58644689

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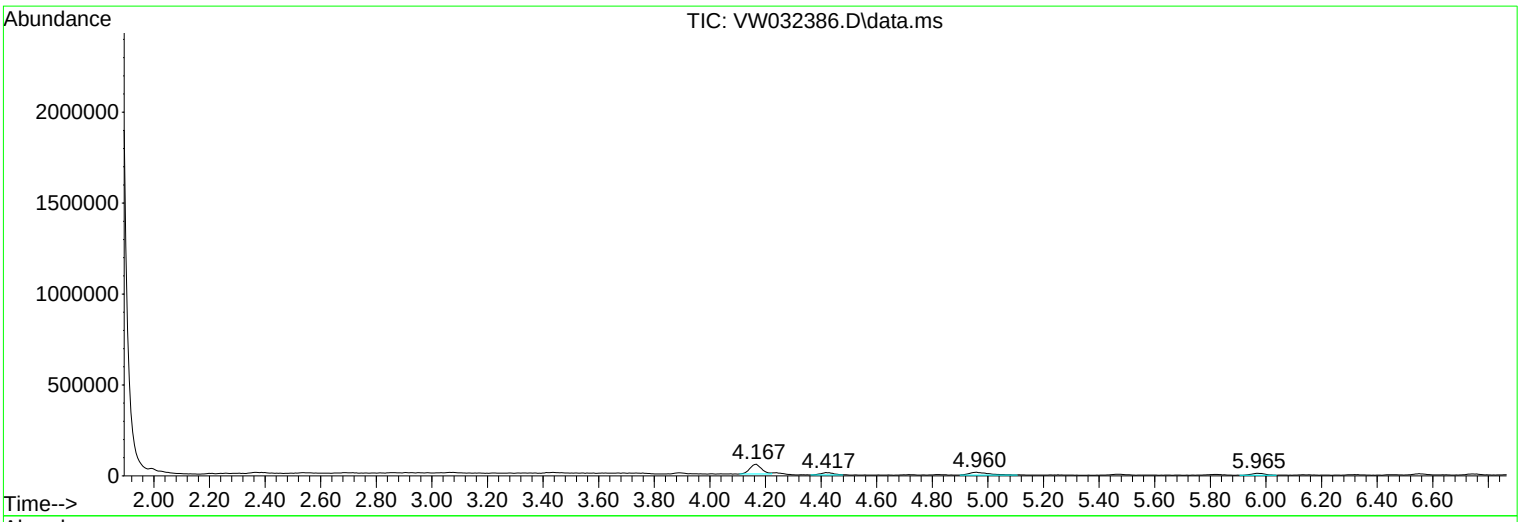
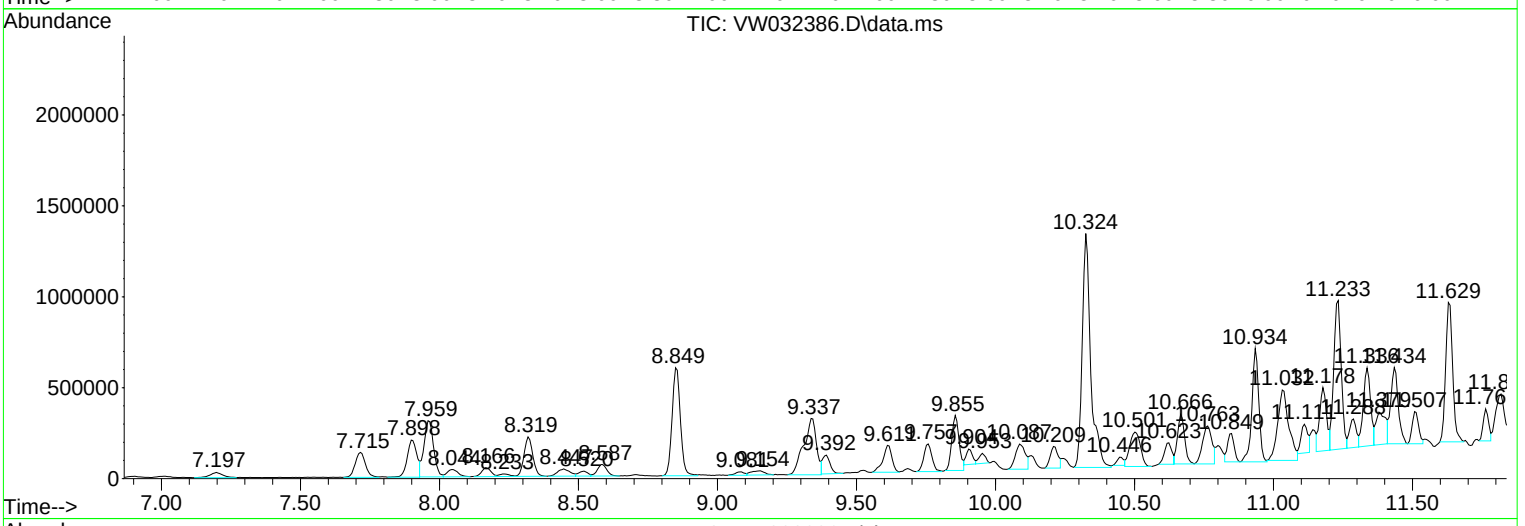
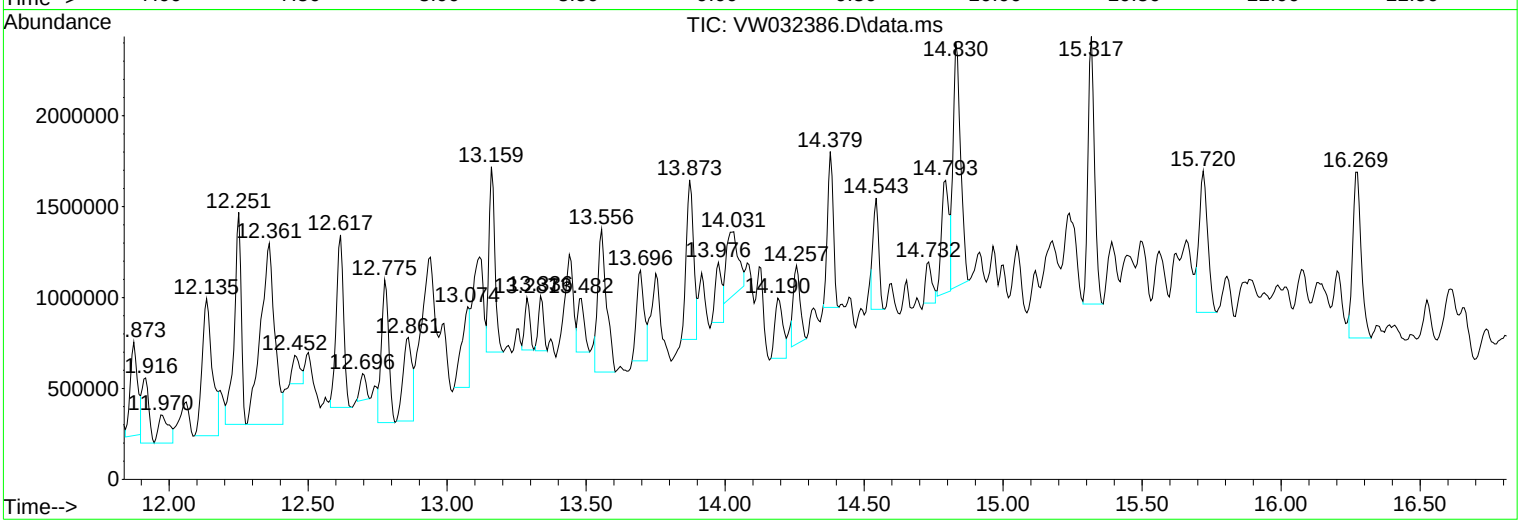
MSVOA_W
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
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MSVOA_W
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PR132-S02-010074-20251016

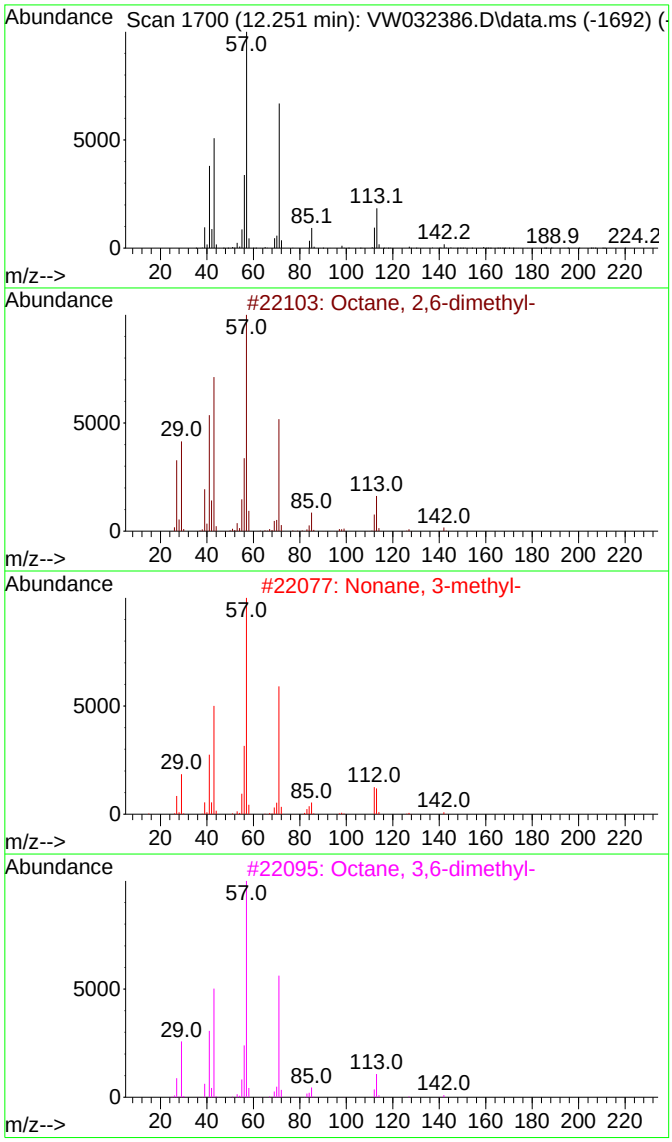
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

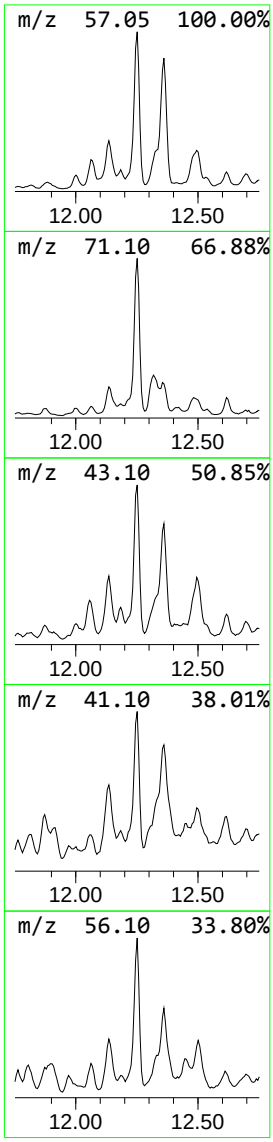
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	75.00 ug/l	2004360	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50





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MSVOA_W
ClientSampleId :
PR132-S02-010074-20251016

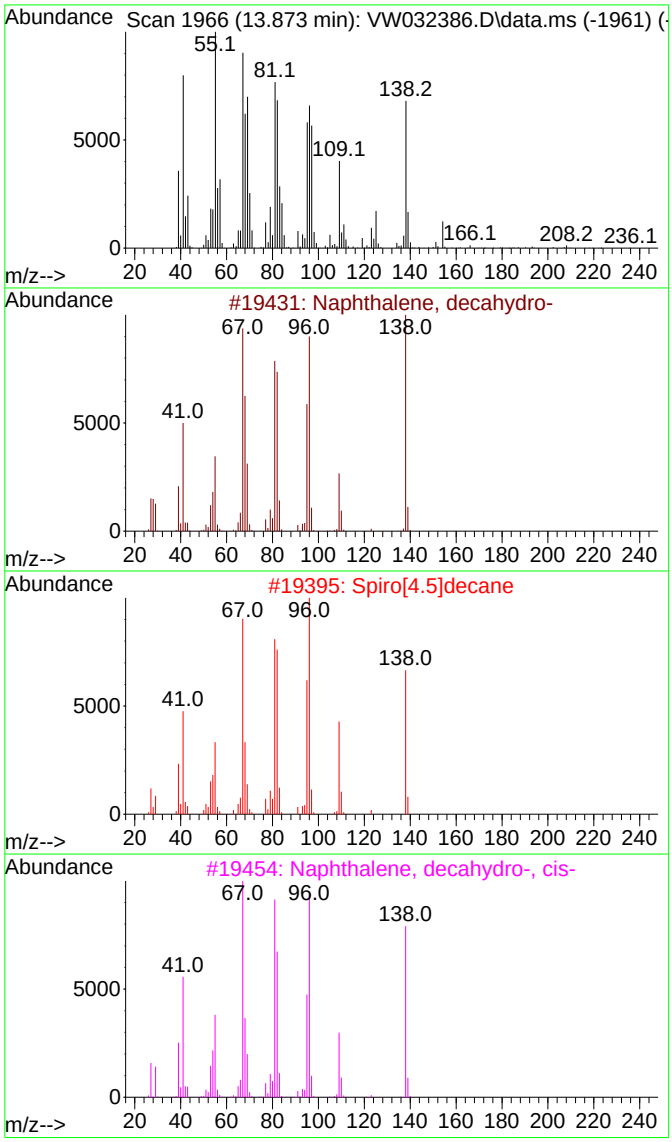
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

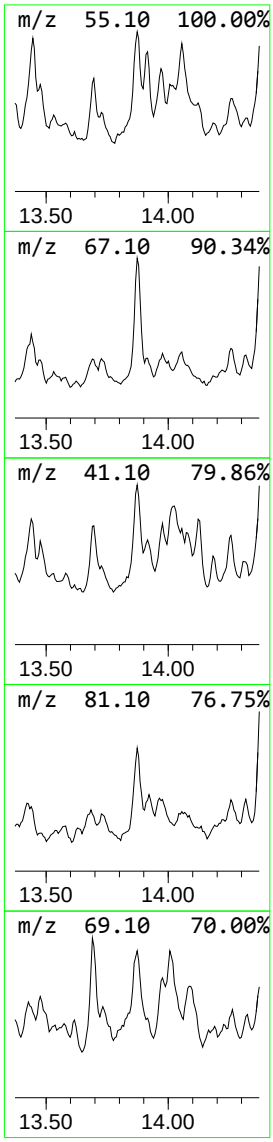
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, decahydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	48.17 ug/l	1608020	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
2	Spiro[4.5]decane	138	C10H18	000176-63-6	90
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
4	Bicyclo[5.3.0]decane	138	C10H18	005661-80-3	74
5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	64





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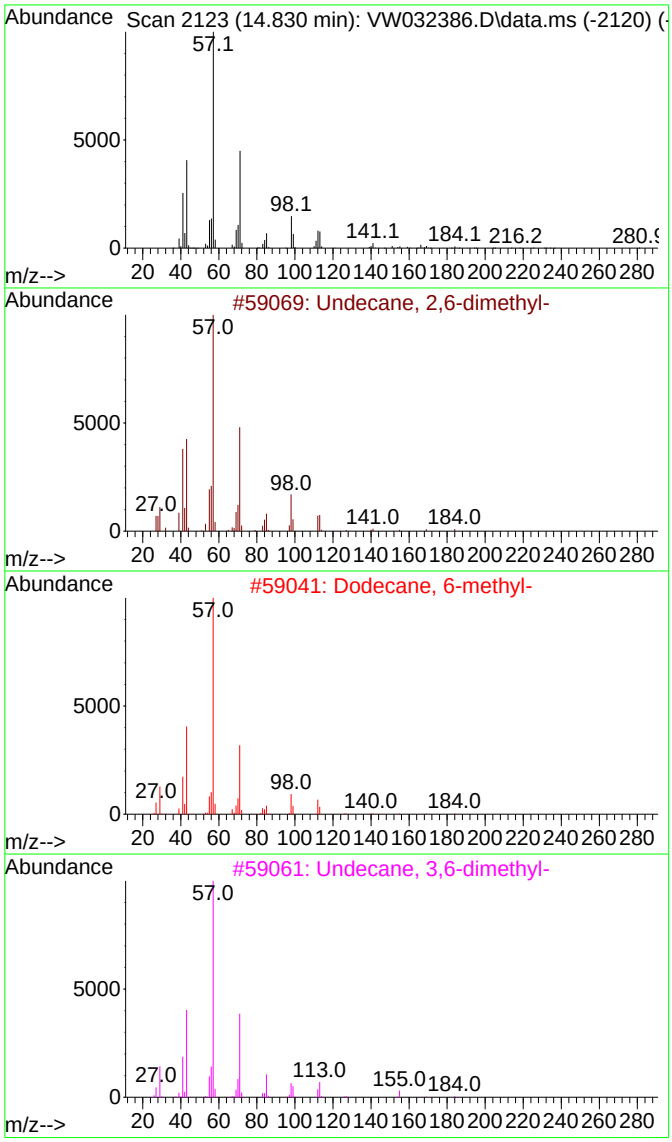
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

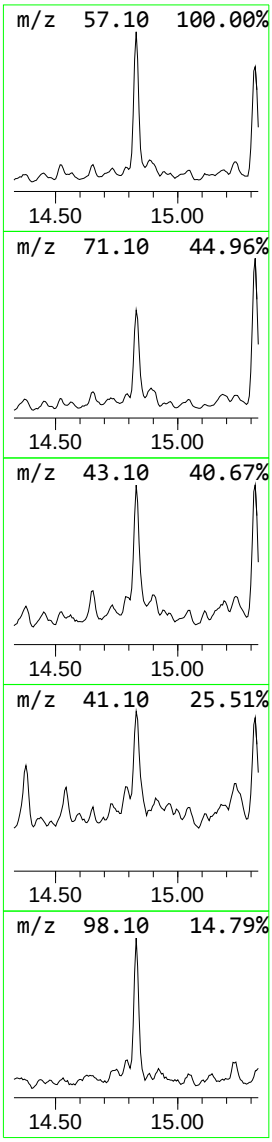
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	73.65 ug/l	2458700	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	68





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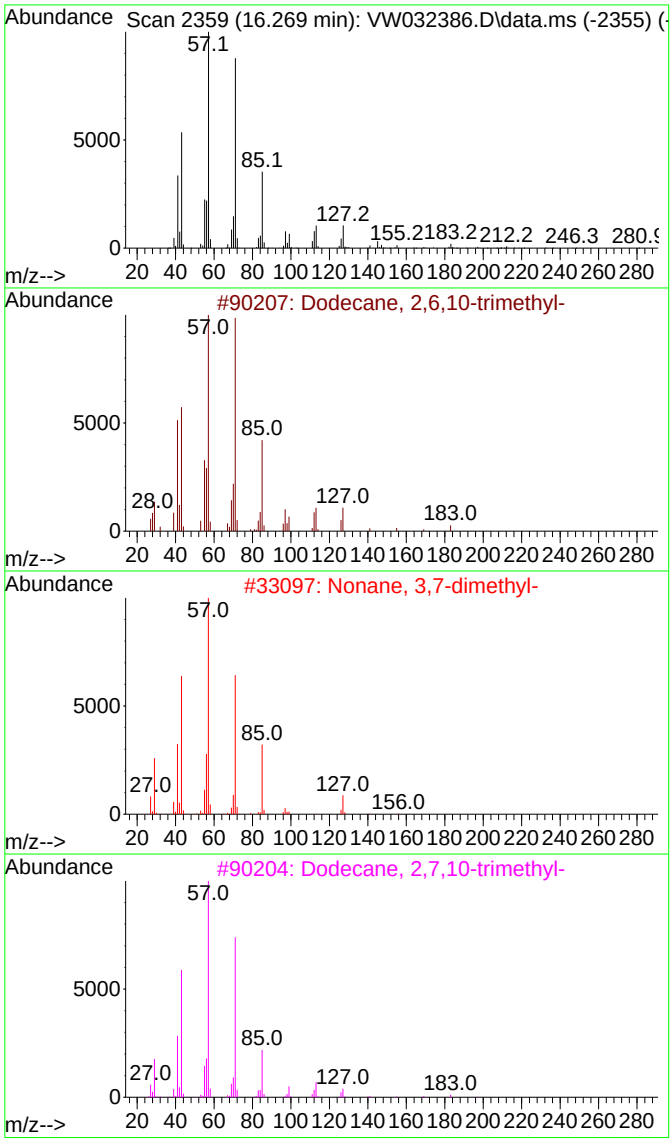
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

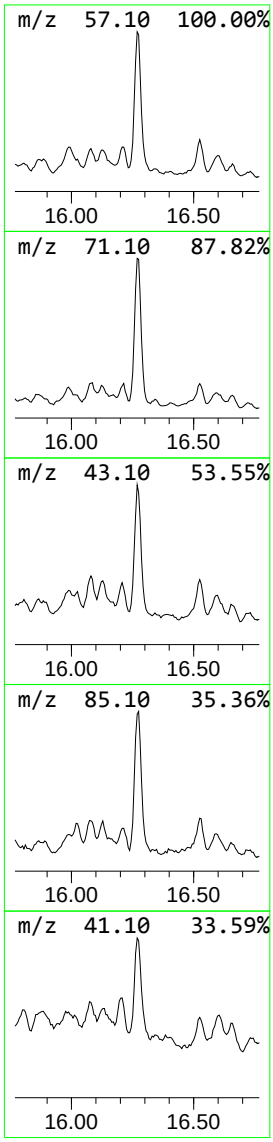
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dodecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.269	56.88 ug/l	1898780	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	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74





Tentatively Identified Compound (LSC) summary

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MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octane, 2,6-dim...	12.251	75.0	ug/l	2004360	3	11.635	1336160	50.0
Naphthalene, de...	13.873	48.2	ug/l	1608020	4	13.556	1669180	50.0
Undecane, 2,6-d...	14.830	73.7	ug/l	2458700	4	13.556	1669180	50.0
Dodecane, 2,6,1...	16.269	56.9	ug/l	1898780	4	13.556	1669180	50.0