LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032398.D
Acq On : 20 Oct 2025 18:36
Operator : SY/MD
Sample : Q3395-05
Misc : 4.92g/5mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

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: VW032398.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.991	15	17	39	rVB3	62238	171081	2.60%	0.174%
2	4.161	362	373	383	rBV	106272	312633	4.75%	0.319%
3	4.423	405	416	429	rVB2	28751	95943	1.46%	0.098%
4	5.825	632	646	656	rBV3	23070	81276	1.23%	0.083%
5	6.898	812	822	832	rBV4	22670	84109	1.28%	0.086%
6	7.197	858	871	883	rBV	53541	165460	2.51%	0.169%
7	7.715	948	956	965	rBV	63637	156813	2.38%	0.160%
8	7.904	976	987	991	rBV	237516	577168	8.76%	0.588%
9	7.959	991	996	1004	rVV	378692	878561	13.34%	0.895%
10	8.045	1004	1010	1021	rVV2	101113	273346	4.15%	0.279%
11	8.166	1023	1030	1036	rVV	88667	205066	3.11%	0.209%
12	8.234	1037	1041	1048	rVV2	32547	76665	1.16%	0.078%
13	8.319	1048	1055	1066	rVB	254250	572665	8.69%	0.584%
14	8.441	1066	1075	1082	rBV4	99832	311364	4.73%	0.317%
15	8.514	1083	1087	1092	rVV	72006	162656	2.47%	0.166%
16	8.581	1092	1098	1108	rVB	157590	376151	5.71%	0.383%
17	8.849	1134	1142	1154	rBV	669327	1344849	20.42%	1.370%
18	9.081	1173	1180	1185	rBV2	80304	183526	2.79%	0.187%
19	9.154	1187	1192	1199	rVB	61541	132635	2.01%	0.135%
20	9.337	1209	1222	1227	rBV3	794747	2325758	35.31%	2.370%
21	9.392	1227	1231	1240	rVB	314189	627045	9.52%	0.639%
22	9.611	1257	1267	1276	rBV2	416106	980385	14.88%	0.999%
23	9.758	1284	1291	1299	rBV2	423196	857842	13.02%	0.874%
24	9.855	1302	1307	1310	rBV	131080	231680	3.52%	0.236%
25	9.904	1310	1315	1319	rVV	243567	472181	7.17%	0.481%
26	9.947	1319	1322	1328	rVB2	160682	275925	4.19%	0.281%
27	10.081	1338	1344	1349	rBV	302975	687349	10.43%	0.700%
28	10.130	1349	1352	1360	rVB	211936	358144	5.44%	0.365%
29	10.215	1360	1366	1368	rBV2	184346	344726	5.23%	0.351%
30	10.325	1377	1384	1389	rBV2	1968371	3880095	58.90%	3.954%
31	10.447	1400	1404	1407	rBV	124791	216703	3.29%	0.221%
32	10.501	1407	1413	1422	rVB3	482856	1267294	19.24%	1.291%
33	10.623	1427	1433	1436	rBV	353558	643334	9.77%	0.656%
34	10.666	1436	1440	1448	rVB	607012	1091696	16.57%	1.112%
35	10.764	1449	1456	1460	rBV3	459600	1034247	15.70%	1.054%
36	10.849	1466	1470	1475	rVB	439989	714793	10.85%	0.728%

LSC Area Percent Report

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Misc : 4.92g/5mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

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

37	10.934	1475	1484	1491	rBV	1590815	2817287	42.77%	2.871%
38	11.038	1492	1501	1509	rBV	932066	2268835	34.44%	2.312%
39	11.111	1509	1513	1516	rVV2	393702	639790	9.71%	0.652%
40	11.178	1520	1524	1528	rVV	793761	1409748	21.40%	1.437%
41	11.233	1528	1533	1538	rVV	1969502	3801686	57.71%	3.874%
42	11.282	1538	1541	1545	rVV2	453419	859585	13.05%	0.876%
43	11.337	1545	1550	1554	rVV3	1327681	2669298	40.52%	2.720%
44	11.379	1554	1557	1562	rVV3	628465	1440334	21.87%	1.468%
45	11.434	1562	1566	1574	rVV	1072042	2302683	34.96%	2.346%
46	11.507	1574	1578	1583	rVB2	239615	408518	6.20%	0.416%
47	11.629	1593	1598	1611	rVB	904949	1864370	28.30%	1.900%
48	11.763	1616	1620	1623	rBV	427085	649203	9.86%	0.662%
49	11.812	1623	1628	1633	rVB4	474551	878651	13.34%	0.895%
50	11.873	1633	1638	1641	rBV	1096518	1861548	28.26%	1.897%
51	11.971	1650	1654	1661	rBV3	326993	762619	11.58%	0.777%
52	12.135	1674	1681	1687	rBV2	1498611	3605357	54.73%	3.674%
53	12.251	1693	1700	1704	rVB	1925006	3439911	52.22%	3.505%
54	12.361	1704	1718	1725	rBV4	1709291	6587327	100.00%	6.713%
55	12.568	1748	1752	1753	rBV2	193312	277015	4.21%	0.282%
56	12.617	1754	1760	1767	rVB4	1395192	2831466	42.98%	2.885%
57	12.775	1782	1786	1792	rVB2	1407550	2465100	37.42%	2.512%
58	12.861	1793	1800	1804	rBV6	721945	1807600	27.44%	1.842%
59	12.934	1805	1812	1818	rBV6	1019274	2841385	43.13%	2.895%
60	13.074	1827	1835	1839	rBV2	659507	1893950	28.75%	1.930%
61	13.123	1839	1843	1846	rVV	1094348	1793643	27.23%	1.828%
62	13.160	1846	1849	1857	rVB2	1277628	2091179	31.75%	2.131%
63	13.288	1867	1870	1874	rVB2	327518	434421	6.59%	0.443%
64	13.556	1910	1914	1922	rVB2	1056897	2243663	34.06%	2.286%
65	13.696	1931	1937	1940	rBV3	818302	1717687	26.08%	1.750%
66	13.873	1961	1966	1970	rBV3	1334609	2488533	37.78%	2.536%
67	14.190	2014	2018	2023	rBV6	423913	851596	12.93%	0.868%
68	14.257	2026	2029	2035	rVB5	482284	847531	12.87%	0.864%
69	14.379	2044	2049	2054	rBV2	1182992	1900014	28.84%	1.936%
70	14.543	2072	2076	2081	rVB4	763071	1211349	18.39%	1.234%
71	14.787	2113	2116	2120	rBV4	539317	937046	14.22%	0.955%
72	14.830	2120	2123	2131	rVB2	1193284	2247875	34.12%	2.291%
73	15.318	2198	2203	2210	rBV2	1679315	2815899	42.75%	2.869%
74	15.720	2266	2269	2277	rVB5	799027	1492331	22.65%	1.521%
75	16.275	2355	2360	2368	rVB	1278634	2507558	38.07%	2.555%

LSC Area Percent Report

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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
PR132-S07-102116-20251017

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

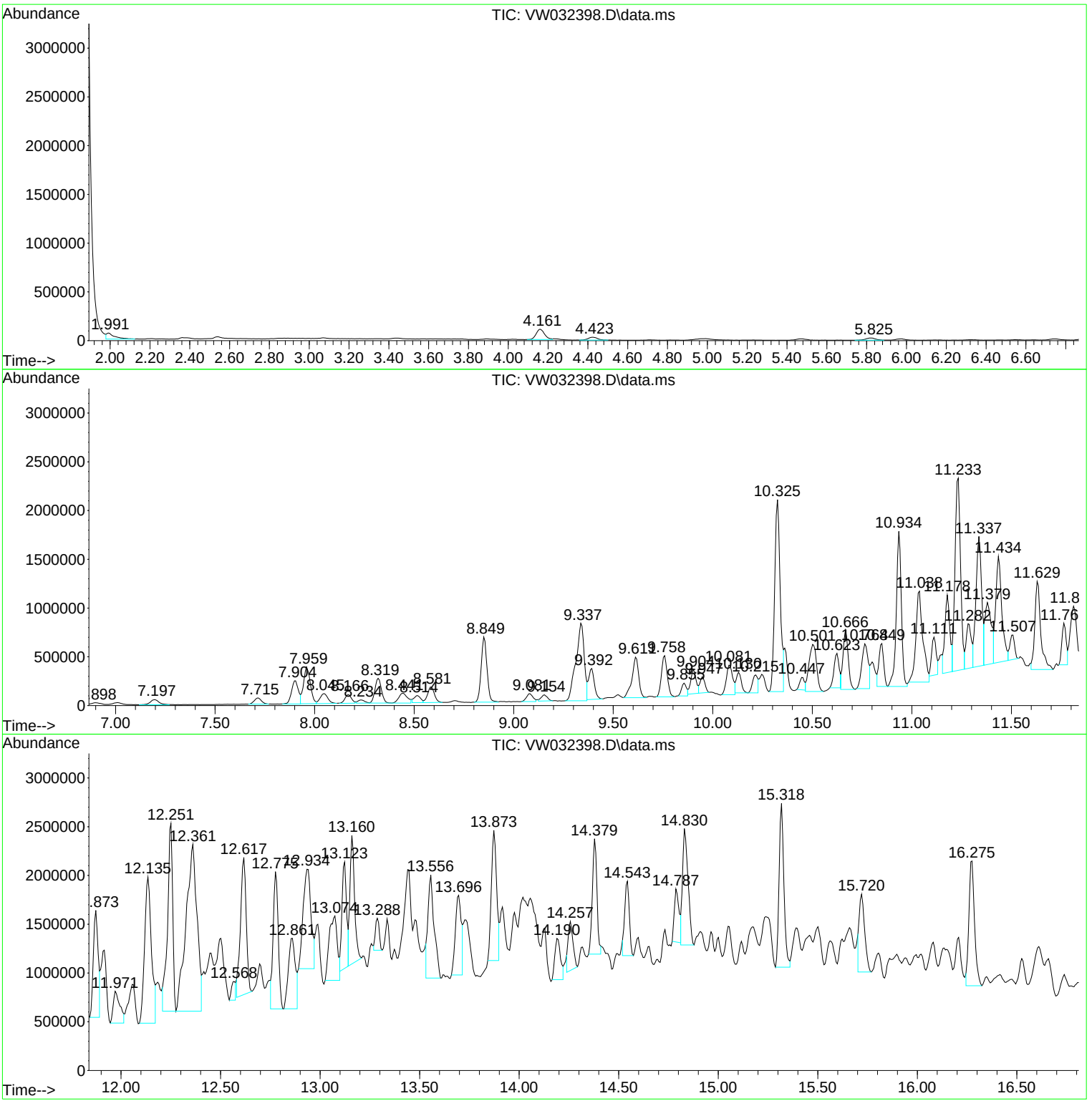
Sum of corrected areas: 98134755

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032398.D
Acq On : 20 Oct 2025 18:36
Operator : SY/MD
Sample : Q3395-05
Misc : 4.92g/5mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

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\
Data File : VW032398.D
Acq On : 20 Oct 2025 18:36
Operator : SY/MD
Sample : Q3395-05
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

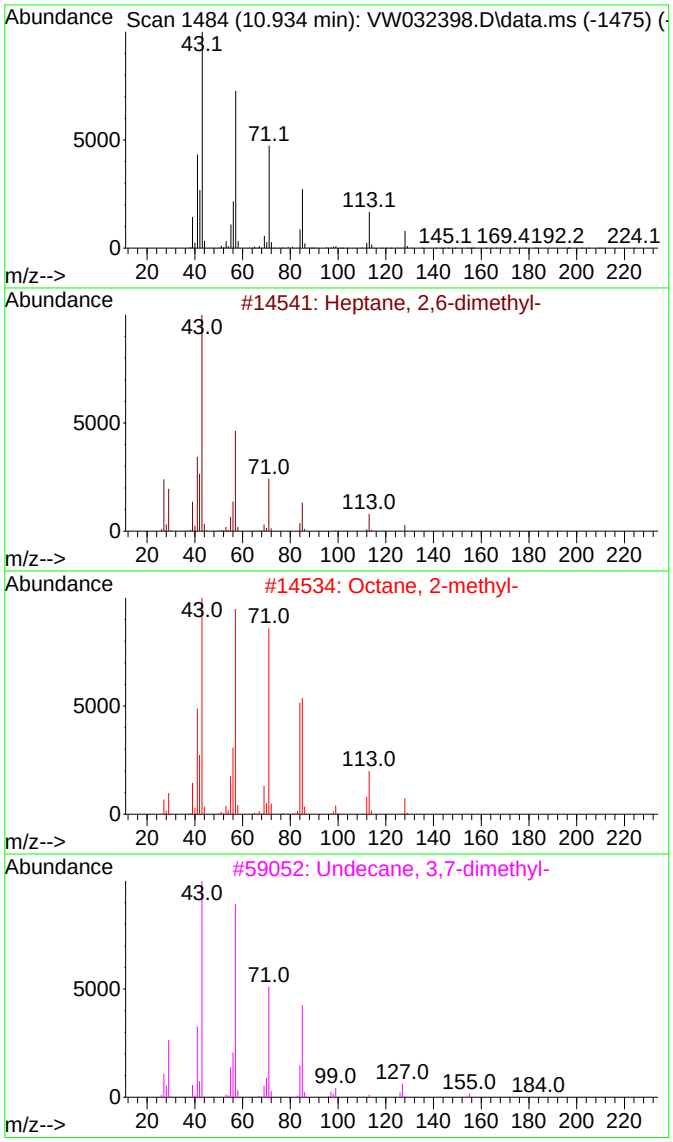
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

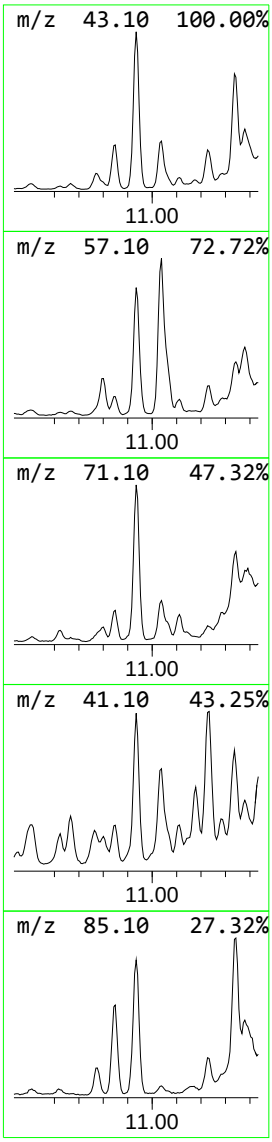
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Heptane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.934	75.56 ug/l	2817290	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	94
2	Octane, 2-methyl-	128	C9H20	003221-61-2	72
3	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59
4	Nonane	128	C9H20	000111-84-2	58
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032398.D
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Operator : SY/MD
Sample : Q3395-05
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

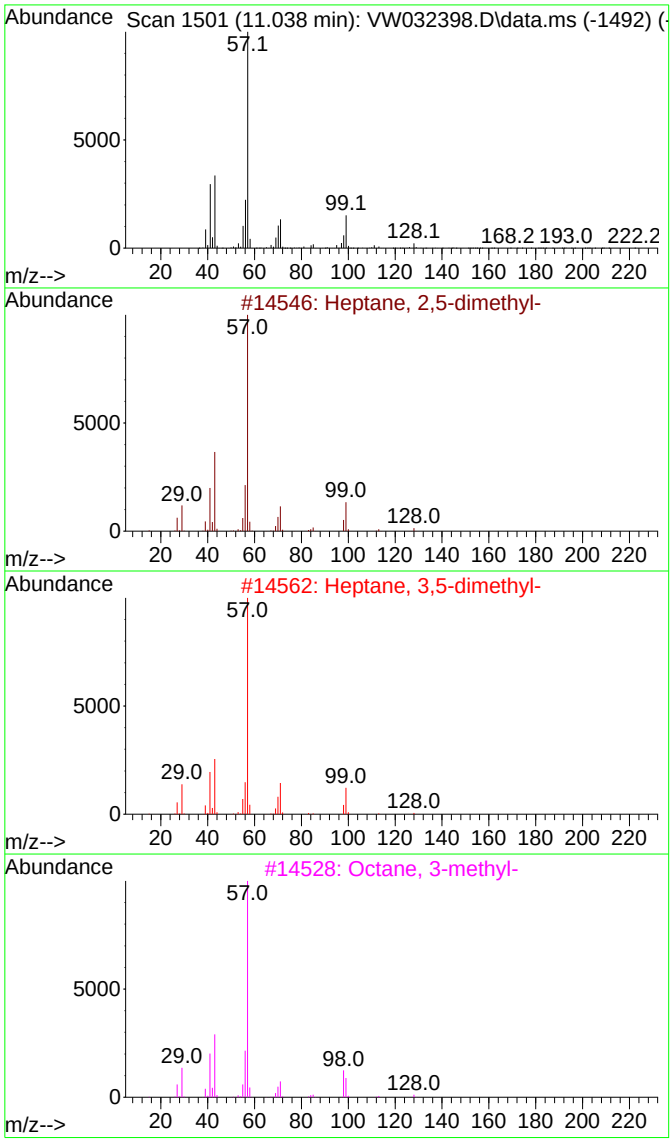
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

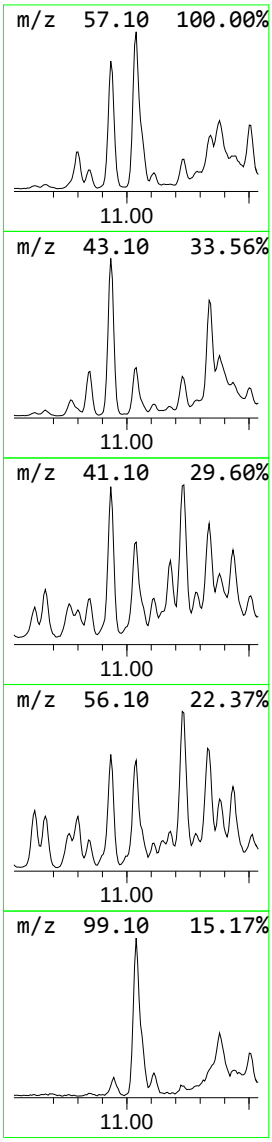
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Heptane, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.038	60.85 ug/l	2268840	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	81
3	Octane, 3-methyl-	128	C9H20	002216-33-3	72
4	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	59
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
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Acq On : 20 Oct 2025 18:36
Operator : SY/MD
Sample : Q3395-05
Misc : 4.92g/5mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

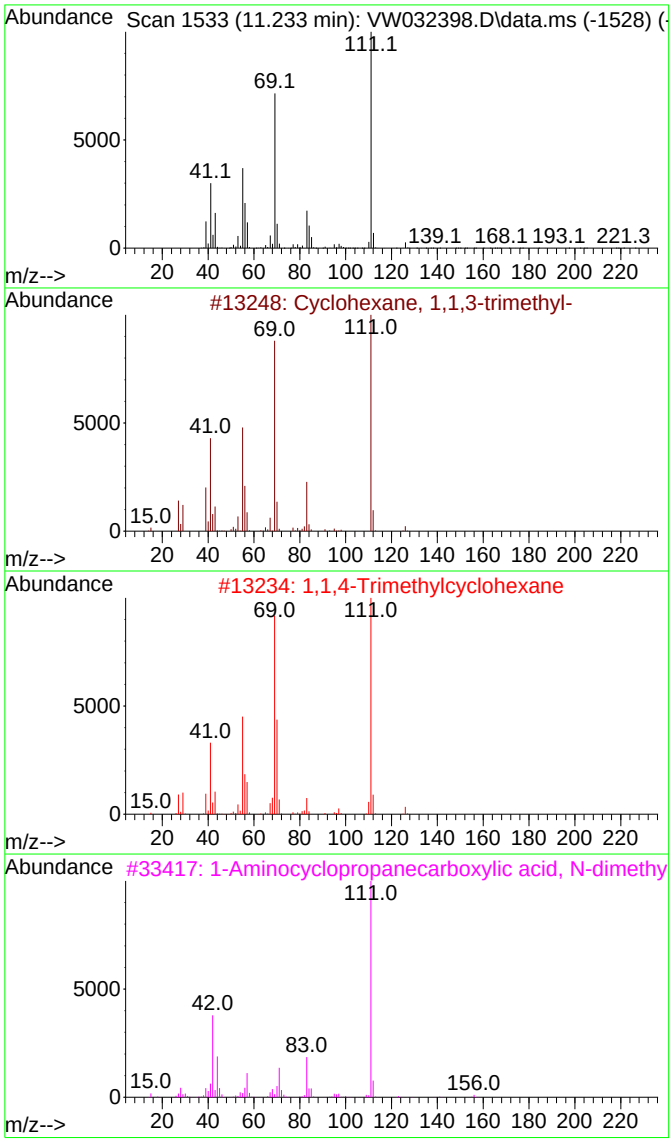
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

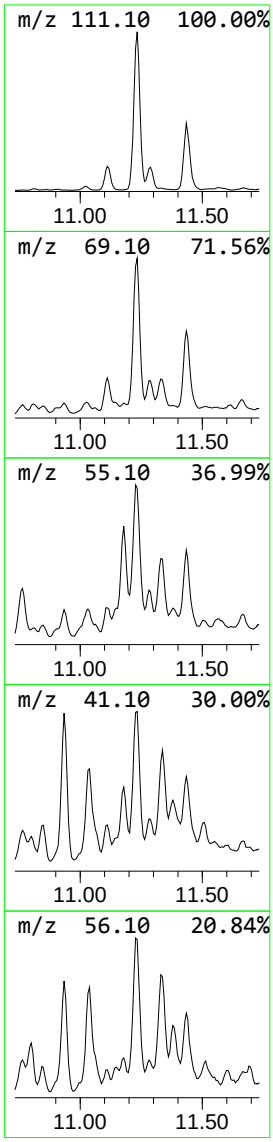
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	101.96 ug/l	3801690	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72
3	1-Aminocyclopropanecarboxylic ac...	156	C7H12N2O2	1000375-50-8	53
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	53
5	Benzenamine, 2-fluoro-	111	C6H6FN	000348-54-9	50





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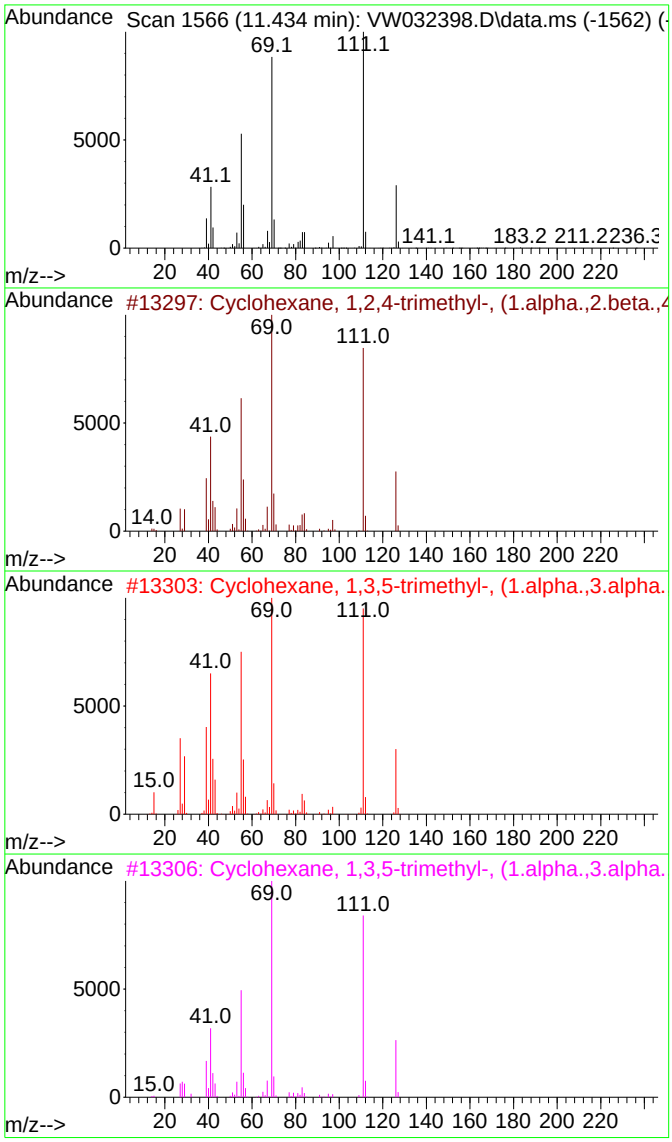
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

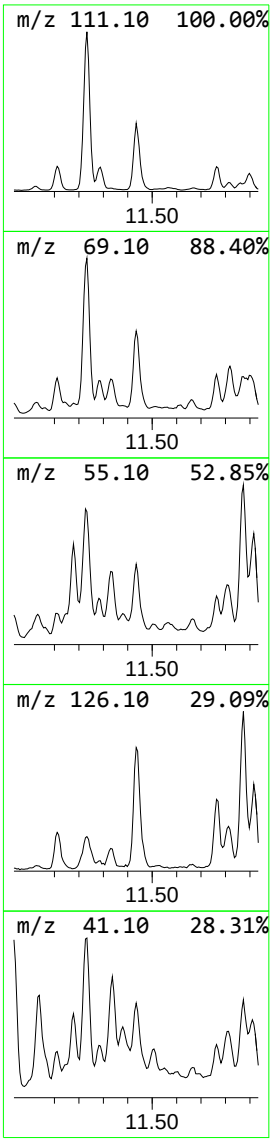
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexane, 1,2,4-trimethy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.434	61.76 ug/l	2302680	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	93
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
5	2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	72





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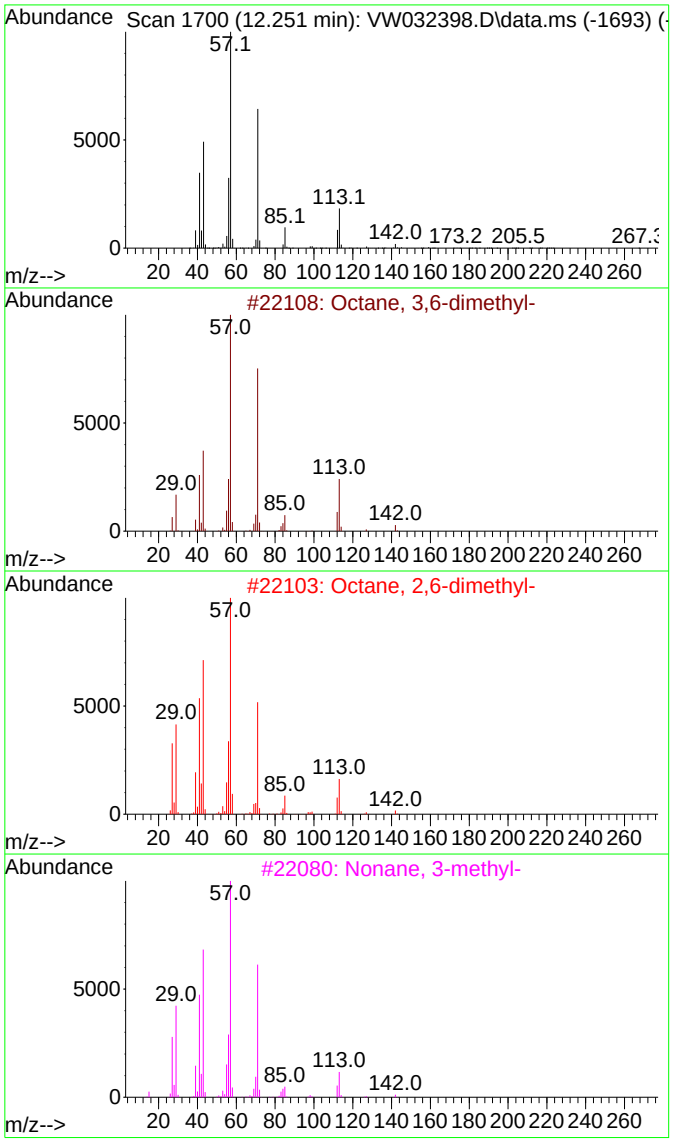
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260

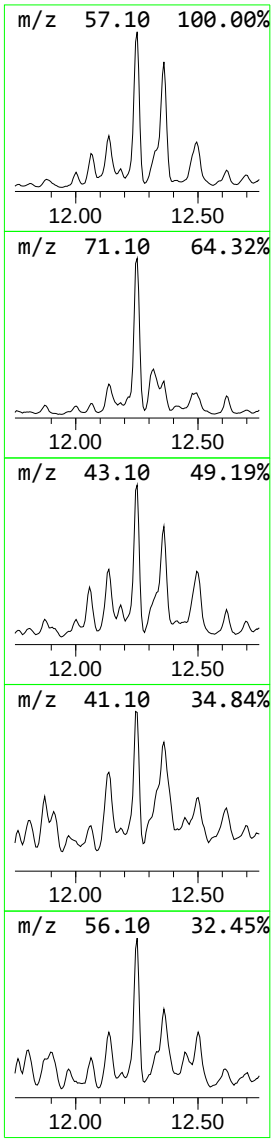
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Octane, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	92.25 ug/l	3439910	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	53
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	53





Tentatively Identified Compound (LSC) summary

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Data File : VW032398.D
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

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
Heptane, 2,6-di...	10.934	75.6	ug/l	2817290	3	11.635	1864370	50.0
Heptane, 2,5-di...	11.038	60.9	ug/l	2268840	3	11.635	1864370	50.0
Cyclohexane, 1,...	11.233	102.0	ug/l	3801690	3	11.635	1864370	50.0
Cyclohexane, 1,...	11.434	61.8	ug/l	2302680	3	11.635	1864370	50.0
Octane, 3,6-dim...	12.251	92.3	ug/l	3439910	3	11.635	1864370	50.0