LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
Data File : VN088134.D
Acq On : 28 Oct 2025 13:17
Operator : JC\MD
Sample : Q3468-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

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_N\methods\82N102325W.M
Title : SW846 8260

Signal : TIC: VN088134.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.718	454	470	483	rBV2	23848	88741	3.39%	0.231%
2	5.265	550	563	569	rBV3	26113	96787	3.70%	0.252%
3	5.324	569	573	589	rVB8	24808	96336	3.68%	0.251%
4	5.800	642	654	666	rBV4	35658	123887	4.73%	0.323%
5	6.642	788	797	807	rVB4	20428	60165	2.30%	0.157%
6	7.206	883	893	902	rBV3	66088	192738	7.36%	0.502%
7	7.306	902	910	922	rVB2	71060	206639	7.89%	0.539%
8	7.430	922	931	939	rBV2	29513	100827	3.85%	0.263%
9	7.988	1019	1026	1034	rVB2	22967	59439	2.27%	0.155%
10	8.153	1045	1054	1058	rBV	231194	567979	21.69%	1.481%
11	8.206	1058	1063	1073	rVV2	384956	938868	35.85%	2.447%
12	8.306	1073	1080	1093	rVB	289190	729888	27.87%	1.903%
13	8.430	1093	1101	1109	rBV2	59971	131033	5.00%	0.342%
14	8.565	1115	1124	1137	rBV2	281941	845498	32.28%	2.204%
15	8.741	1138	1154	1165	rVV	609465	1653001	63.11%	4.309%
16	8.835	1165	1170	1177	rVV3	33574	73235	2.80%	0.191%
17	8.924	1179	1185	1198	rVB8	13486	38507	1.47%	0.100%
18	9.083	1203	1212	1225	rBV	707286	1525716	58.25%	3.977%
19	9.177	1225	1228	1233	rVB4	14703	26334	1.01%	0.069%
20	9.318	1244	1252	1256	rBV7	12297	29239	1.12%	0.076%
21	9.365	1256	1260	1269	rVB3	16449	36520	1.39%	0.095%
22	9.577	1280	1296	1301	rBV7	106306	382378	14.60%	0.997%
23	9.624	1301	1304	1311	rVV2	59340	104235	3.98%	0.272%
24	9.706	1311	1318	1323	rVV2	46911	101862	3.89%	0.266%
25	9.753	1323	1326	1333	rVV2	27792	46808	1.79%	0.122%
26	9.841	1333	1341	1347	rVB7	17843	42037	1.61%	0.110%
27	9.918	1347	1354	1356	rBV6	18598	36373	1.39%	0.095%
28	9.994	1360	1367	1376	rVB	446460	901548	34.42%	2.350%
29	10.124	1376	1389	1402	rBV	676837	1466313	55.99%	3.822%
30	10.306	1413	1420	1427	rBV5	39798	99716	3.81%	0.260%
31	10.429	1436	1441	1444	rBV2	34619	58644	2.24%	0.153%
32	10.471	1444	1448	1453	rVB2	47380	83045	3.17%	0.216%
33	10.547	1453	1461	1468	rBV	956271	1795457	68.55%	4.680%
34	10.606	1468	1471	1479	rVB	32923	58740	2.24%	0.153%
35	10.729	1484	1492	1497	rVB8	25664	65478	2.50%	0.171%
36	10.888	1513	1519	1524	rBV6	16832	36925	1.41%	0.096%

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

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_N\methods\82N102325W.M
Title : SW846 8260

37	10.965	1524	1532	1541	rVV4	65009	191787	7.32%	0.500%
38	11.047	1541	1546	1555	rVB4	17947	48525	1.85%	0.126%
39	11.229	1571	1577	1582	rBV5	18132	40413	1.54%	0.105%
40	11.359	1595	1599	1603	rBV5	16014	28608	1.09%	0.075%
41	11.400	1603	1606	1620	rVB9	12801	28499	1.09%	0.074%
42	11.653	1642	1649	1659	rBV6	13841	39958	1.53%	0.104%
43	11.841	1674	1681	1692	rBV	943439	1749993	66.82%	4.562%
44	11.941	1692	1698	1708	rVV	151796	301464	11.51%	0.786%
45	12.053	1710	1717	1730	rVB	123060	269029	10.27%	0.701%
46	12.376	1762	1772	1783	rBV	107485	214996	8.21%	0.560%
47	12.671	1812	1822	1833	rBV	670870	1205591	46.03%	3.143%
48	12.829	1839	1849	1859	rBV	650508	1207524	46.10%	3.148%
49	13.012	1873	1880	1892	rBV	1507506	2619095	100.00%	6.827%
50	13.112	1894	1897	1901	rVV4	41179	69843	2.67%	0.182%
51	13.153	1901	1904	1910	rVB2	32043	54615	2.09%	0.142%
52	13.318	1924	1932	1940	rBV	150267	279545	10.67%	0.729%
53	13.418	1942	1949	1951	rVV6	19626	35621	1.36%	0.093%
54	13.459	1951	1956	1964	rVB	168583	294819	11.26%	0.769%
55	13.588	1969	1978	1986	rBV2	189559	479686	18.31%	1.250%
56	13.770	2002	2009	2020	rBV2	970924	2003790	76.51%	5.223%
57	13.859	2020	2024	2029	rVB2	48144	78166	2.98%	0.204%
58	13.929	2029	2036	2039	rBV	962531	1565623	59.78%	4.081%
59	13.970	2039	2043	2048	rVV	1326821	1961142	74.88%	5.112%
60	14.094	2059	2064	2070	rVB	160732	270314	10.32%	0.705%
61	14.159	2070	2075	2082	rVB2	35220	63635	2.43%	0.166%
62	14.247	2082	2090	2094	rBV3	73371	155490	5.94%	0.405%
63	14.306	2094	2100	2107	rBV	1182779	1860620	71.04%	4.850%
64	14.376	2107	2112	2114	rVV2	83035	143489	5.48%	0.374%
65	14.417	2114	2119	2127	rVB2	703903	1257988	48.03%	3.279%
66	14.500	2127	2133	2134	rBV5	17088	27895	1.07%	0.073%
67	14.559	2139	2143	2146	rVB	23374	31421	1.20%	0.082%
68	14.629	2146	2155	2164	rBV	790771	1336758	51.04%	3.485%
69	14.706	2164	2168	2173	rBV2	86087	128718	4.91%	0.336%
70	14.782	2178	2181	2184	rVB3	32382	38886	1.48%	0.101%
71	14.853	2190	2193	2196	rVB2	23317	29325	1.12%	0.076%
72	14.906	2196	2202	2207	rBV2	289332	512604	19.57%	1.336%
73	15.029	2213	2223	2228	rBV2	364422	815188	31.12%	2.125%
74	15.082	2228	2232	2238	rVB4	60441	137204	5.24%	0.358%
75	15.182	2244	2249	2258	rBV6	36922	78539	3.00%	0.205%
76	15.294	2261	2268	2274	rBV2	204791	388131	14.82%	1.012%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

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
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Title : SW846 8260

77	15.406	2279	2287	2294	rVB4	158291	371781	14.20%	0.969%
78	15.612	2309	2322	2336	rBV	1033761	2120379	80.96%	5.527%
79	15.723	2336	2341	2347	rVV5	48968	108846	4.16%	0.284%
80	15.776	2347	2350	2356	rVB6	22952	39426	1.51%	0.103%
81	15.917	2366	2374	2383	rBV2	82954	195458	7.46%	0.510%
82	16.111	2400	2407	2415	rVB6	37210	111092	4.24%	0.290%
83	16.229	2419	2427	2433	rVV	88811	197906	7.56%	0.516%
84	16.306	2435	2440	2450	rVB3	35303	92271	3.52%	0.241%
85	16.459	2458	2466	2471	rBV3	10769	28113	1.07%	0.073%
86	16.682	2493	2504	2509	rBV5	28290	70857	2.71%	0.185%
87	16.747	2509	2515	2522	rVV3	34740	79790	3.05%	0.208%

Sum of corrected areas: 38361392

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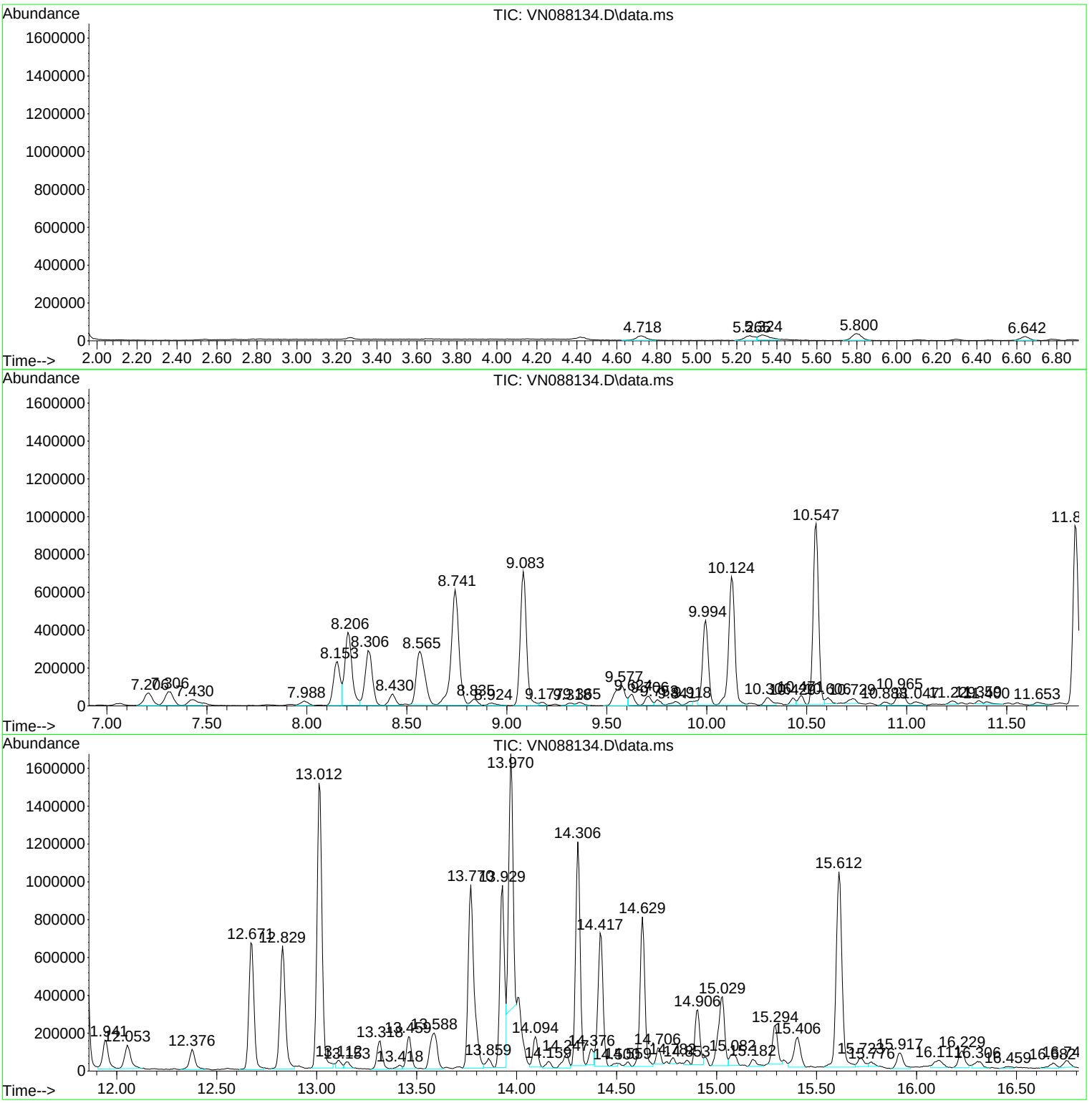
Instrument :
MSVOA_N
ClientSampleId :
MW-06

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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



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Data File : VN088134.D
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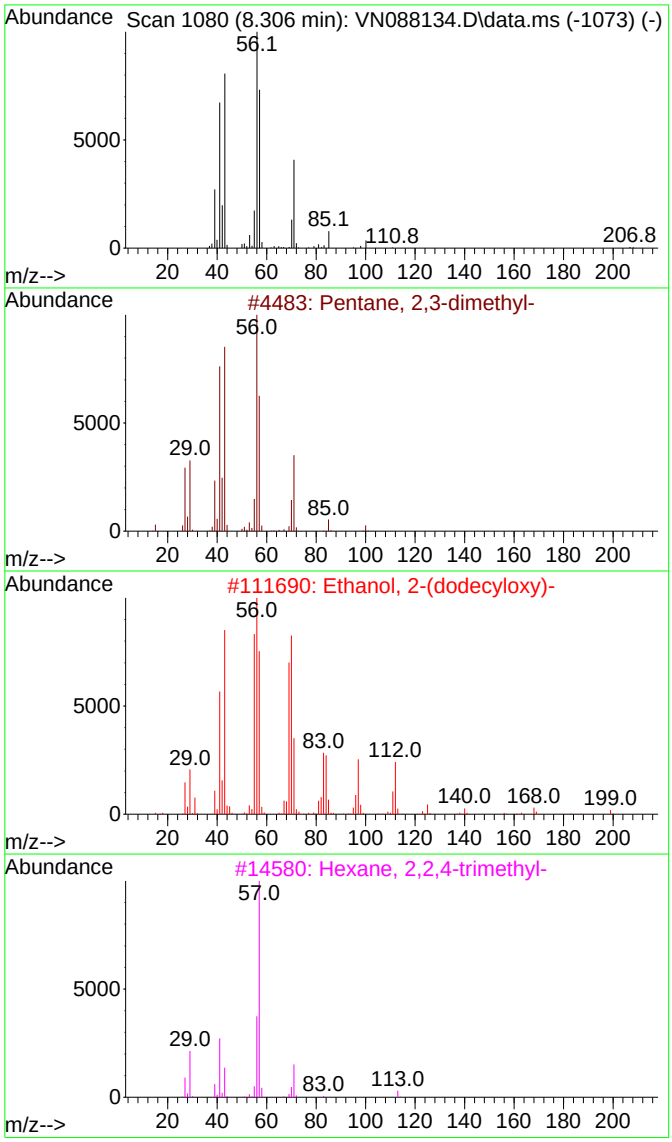
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

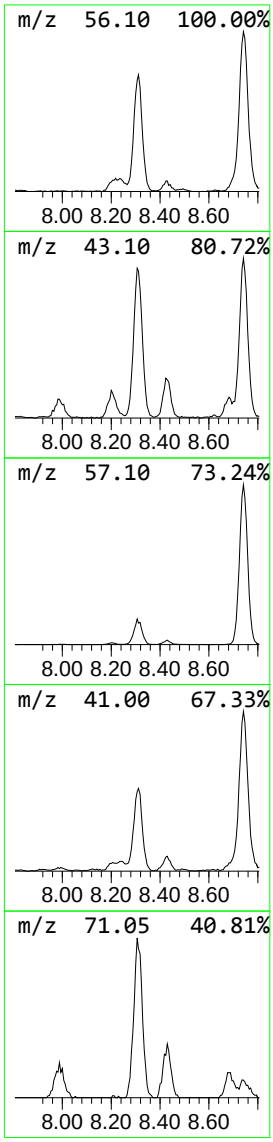
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.306	38.87 ug/l	729888	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	64
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	40
4	Ethane, isocyanato-	71	C3H5NO	000109-90-0	40
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	38





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Data File : VN088134.D
Acq On : 28 Oct 2025 13:17
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

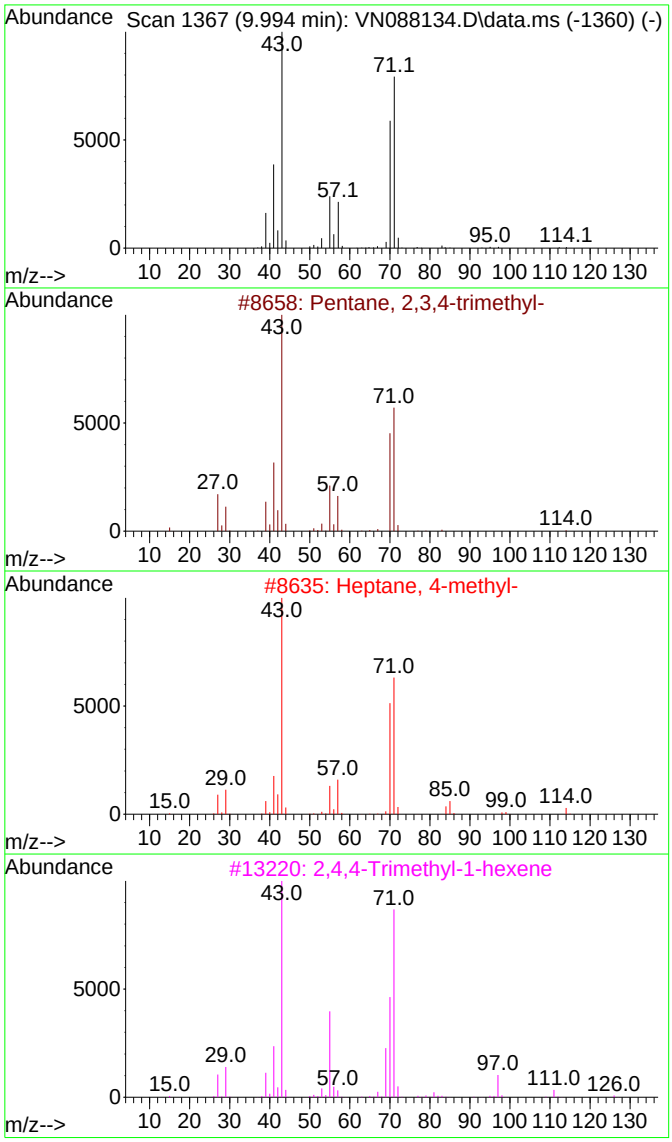
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

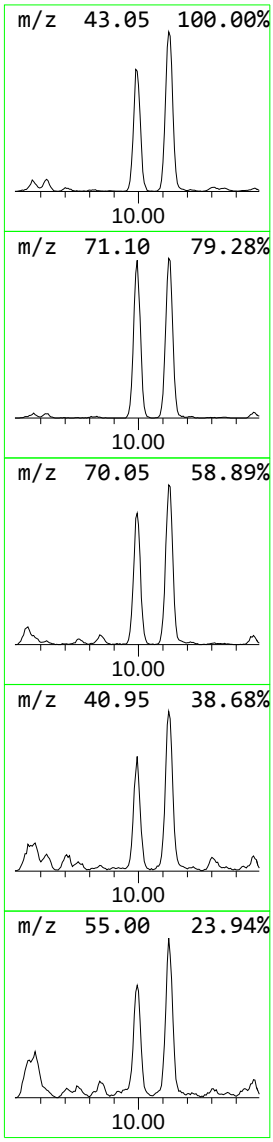
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.994	29.55 ug/l	901548	1,4-Difluorobenzene	9.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	74
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

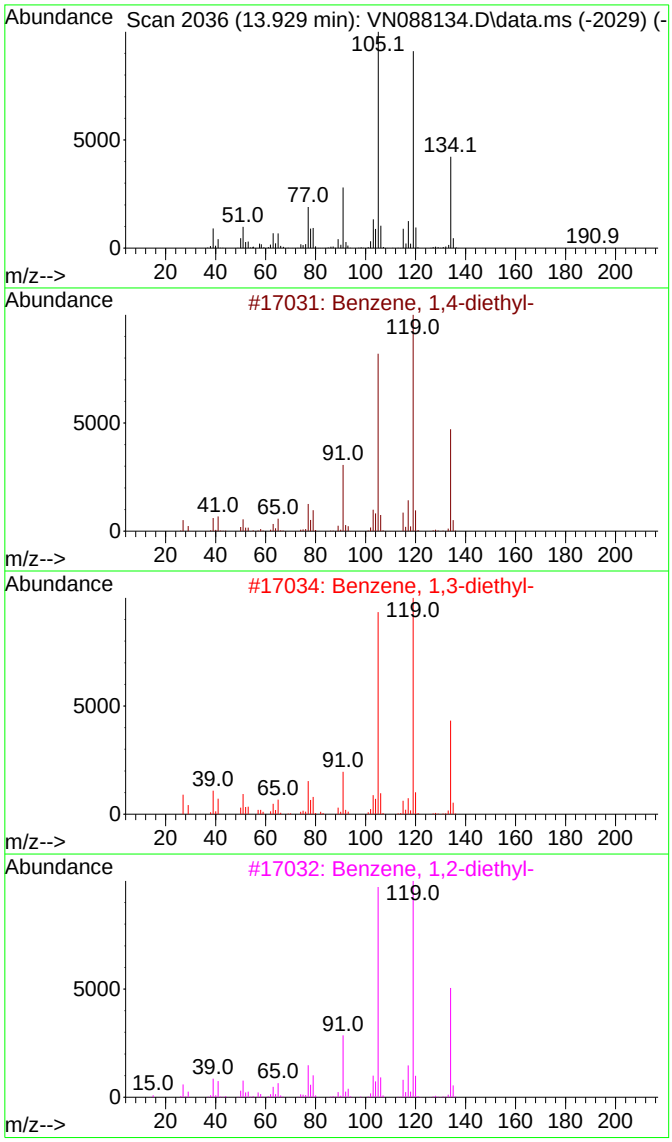
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

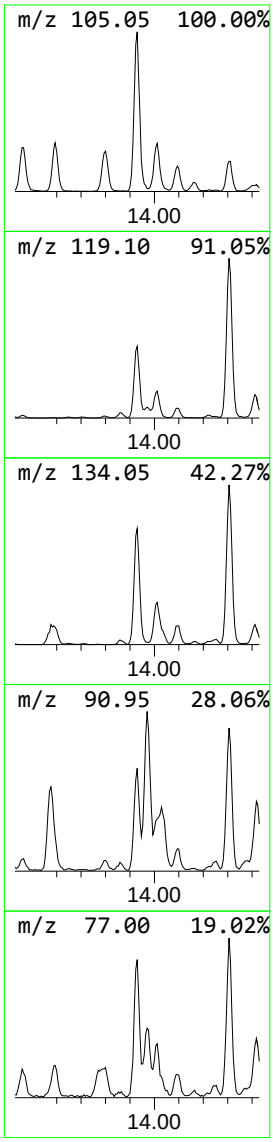
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,4-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.929	39.07 ug/l	1565620	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	o-Cymene	134	C10H14	000527-84-4	81





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ClientSampleId :
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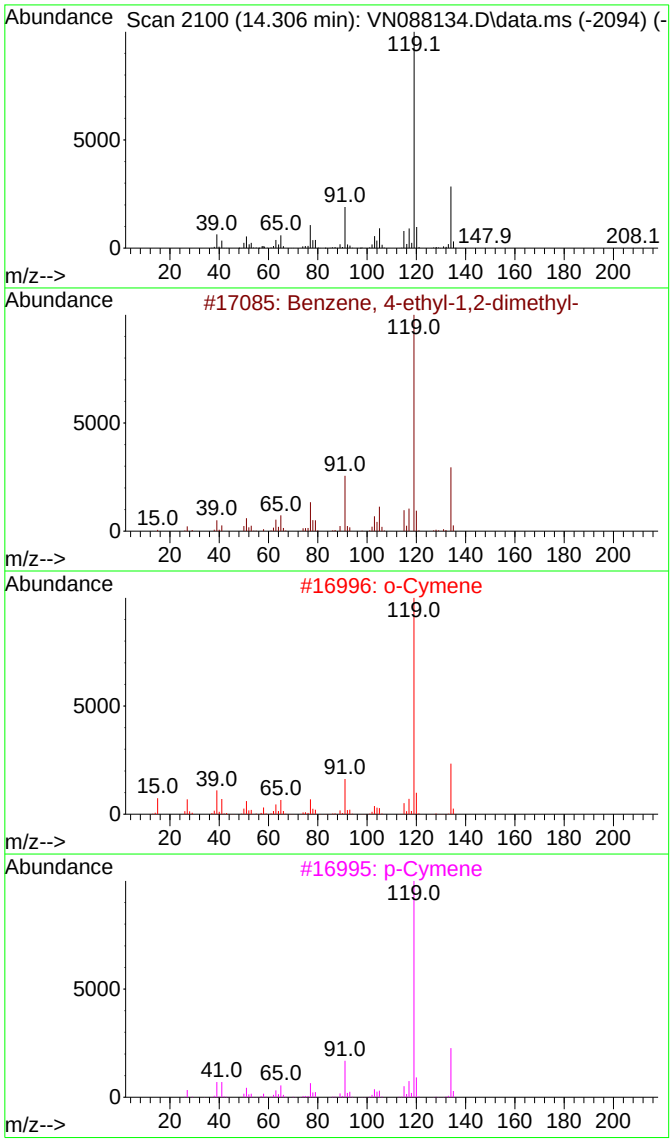
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

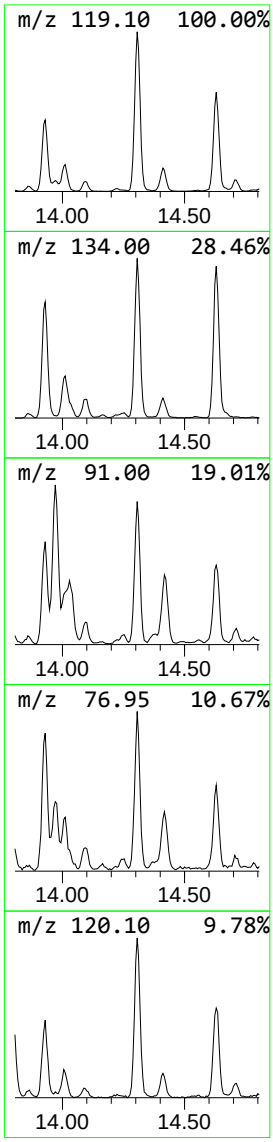
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	46.43 ug/l	1860620	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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ALS Vial : 10 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
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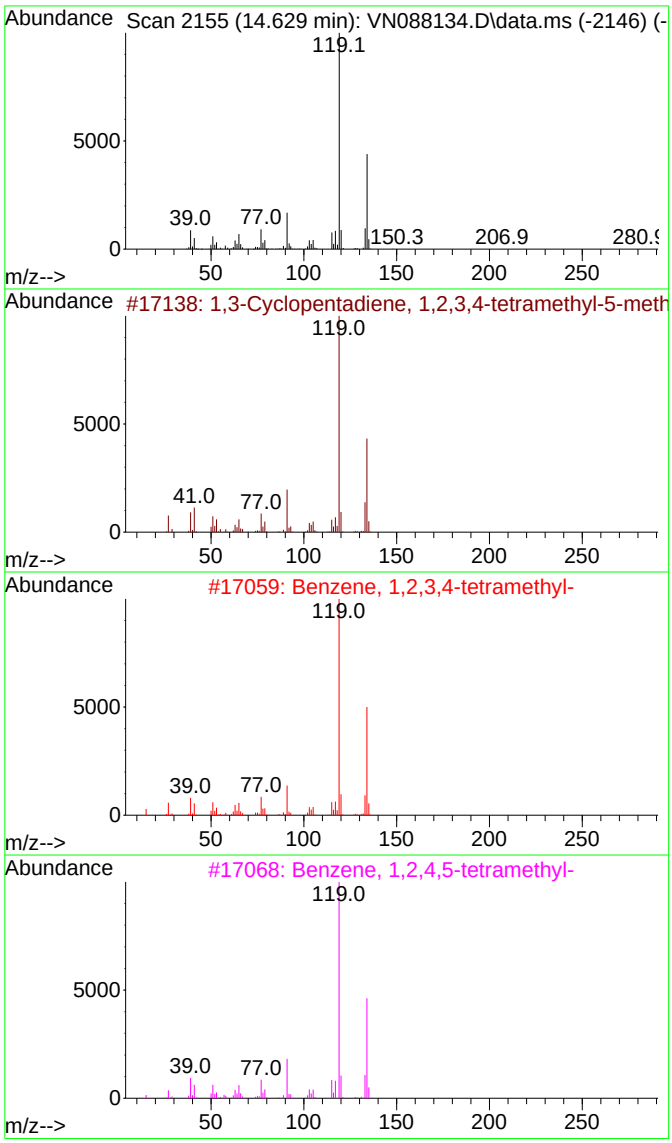
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

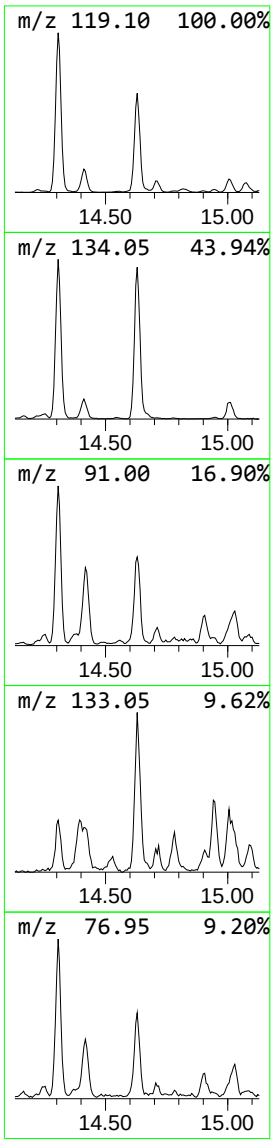
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.629	33.36 ug/l	1336760	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	o-Cymene	134	C10H14	000527-84-4	95





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ALS Vial : 10 Sample Multiplier: 1

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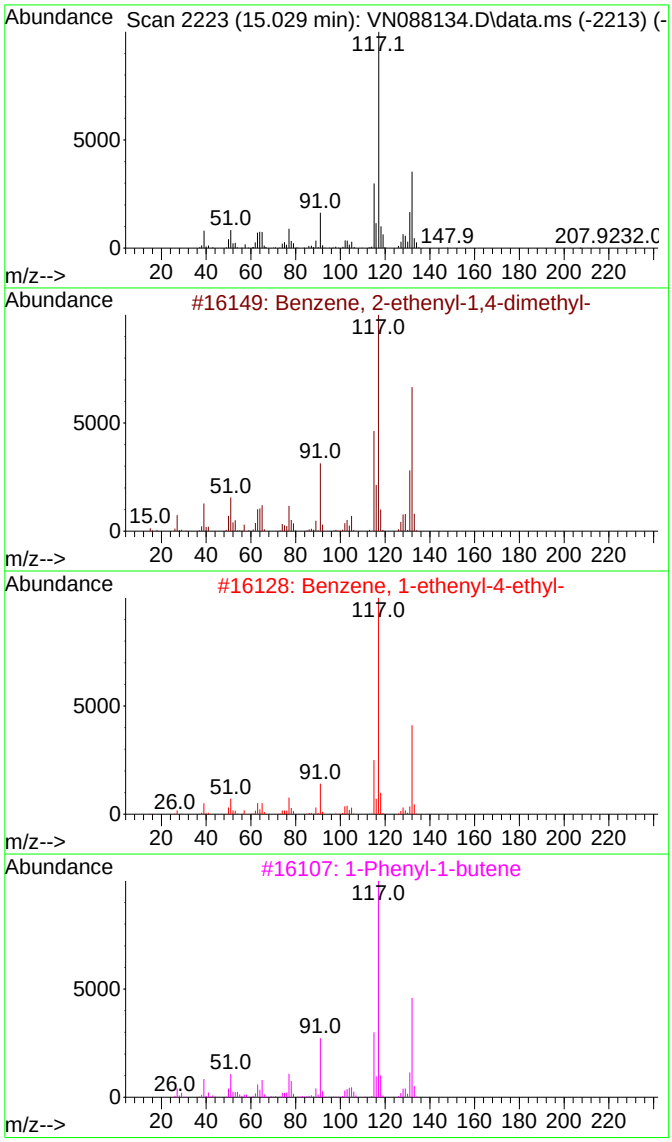
Quant Title : SW846 8260

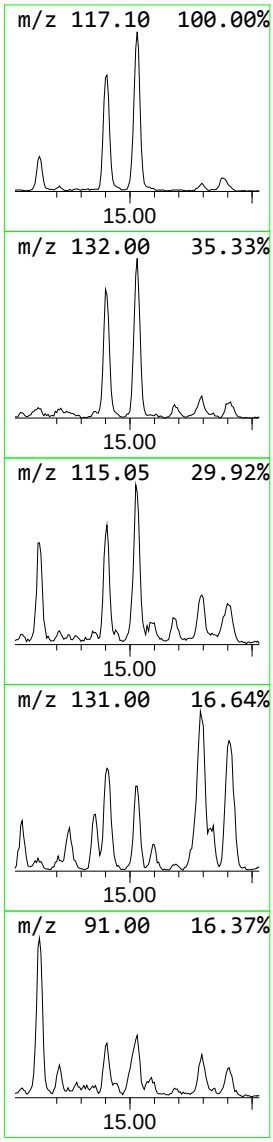
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.029	20.34 ug/l	815188	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
Data File : VN088134.D
Acq On : 28 Oct 2025 13:17
Operator : JC\MD
Sample : Q3468-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-06

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.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
Pentane, 2,3-di...	8.306	38.9	ug/l	729888	1	8.206	938868	50.0
Pentane, 2,3,4-...	9.994	29.6	ug/l	901548	2	9.083	1525720	50.0
Benzene, 1,4-di...	13.929	39.1	ug/l	1565620	4	13.771	2003790	50.0
Benzene, 4-ethy...	14.306	46.4	ug/l	1860620	4	13.771	2003790	50.0
1,3-Cyclopentad...	14.629	33.4	ug/l	1336760	4	13.771	2003790	50.0
Benzene, 2-ethe...	15.029	20.3	ug/l	815188	4	13.771	2003790	50.0