LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052825\
Data File : VN086795.D
Acq On : 28 May 2025 13:23
Operator : JC\MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

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\82N051625W.M
Title : SW846 8260

Signal : TIC: VN086795.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.247	209	220	242	rVB	443231	1015999	35.22%	1.929%
2	3.642	277	287	301	rBV	143322	348749	12.09%	0.662%
3	4.418	406	419	435	rBV	62977	216370	7.50%	0.411%
4	5.283	550	566	568	rBV3	211119	662805	22.97%	1.259%
5	5.341	569	576	591	rVB	438423	1528161	52.97%	2.902%
6	5.812	639	656	672	rBV	434165	1454150	50.41%	2.761%
7	6.118	699	708	720	rVB2	17015	49878	1.73%	0.095%
8	6.312	729	741	755	rBV2	137557	412489	14.30%	0.783%
9	6.653	784	799	811	rVB	69181	209177	7.25%	0.397%
10	6.794	811	823	835	rBV3	43401	137585	4.77%	0.261%
11	7.082	860	872	880	rBV4	62838	197656	6.85%	0.375%
12	7.218	886	895	904	rBV2	117421	333404	11.56%	0.633%
13	7.324	904	913	934	rVV2	391330	1181154	40.94%	2.243%
14	7.829	990	999	1007	rVB5	17268	49978	1.73%	0.095%
15	7.935	1007	1017	1022	rBV3	42816	112889	3.91%	0.214%
16	8.006	1022	1029	1037	rVB	57658	142203	4.93%	0.270%
17	8.159	1047	1055	1060	rBV2	126398	326218	11.31%	0.619%
18	8.224	1060	1066	1076	rVV4	372863	1086808	37.67%	2.064%
19	8.324	1076	1083	1094	rVB	431791	1093427	37.90%	2.076%
20	8.441	1094	1103	1111	rBV	255659	574818	19.92%	1.092%
21	8.577	1119	1126	1141	rVB2	126783	335463	11.63%	0.637%
22	8.759	1141	1157	1168	rBV3	482988	1923481	66.67%	3.653%
23	8.853	1168	1173	1181	rVB2	130960	301711	10.46%	0.573%
24	8.941	1181	1188	1204	rVB3	56737	161263	5.59%	0.306%
25	9.100	1204	1215	1222	rBV3	613336	1496741	51.88%	2.842%
26	9.194	1228	1231	1236	rVB	47392	76650	2.66%	0.146%
27	9.259	1236	1242	1248	rVB	77487	145118	5.03%	0.276%
28	9.329	1248	1254	1259	rBV	106401	216881	7.52%	0.412%
29	9.382	1259	1263	1272	rVB2	70570	145770	5.05%	0.277%
30	9.594	1283	1299	1305	rBV4	283872	988781	34.27%	1.878%
31	9.723	1315	1321	1324	rBV	24420	46976	1.63%	0.089%
32	9.771	1324	1329	1336	rVB	76677	146208	5.07%	0.278%
33	9.865	1336	1345	1351	rVB	62712	142940	4.95%	0.271%
34	9.935	1351	1357	1359	rBV2	35564	64367	2.23%	0.122%
35	10.012	1364	1370	1379	rVB	259554	556123	19.28%	1.056%
36	10.100	1379	1385	1388	rBV2	121418	236662	8.20%	0.449%

LSC Area Percent Report

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Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

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\82N051625W.M
Title : SW846 8260

37	10.141	1388	1392	1399	rVV	307372	627372	21.75%	1.191%
38	10.200	1399	1402	1405	rVV4	36649	61758	2.14%	0.117%
39	10.235	1405	1408	1416	rVB4	44804	98849	3.43%	0.188%
40	10.335	1416	1425	1430	rBV4	68675	171015	5.93%	0.325%
41	10.447	1438	1444	1448	rBV	92055	168313	5.83%	0.320%
42	10.488	1448	1451	1457	rVB2	59597	99218	3.44%	0.188%
43	10.565	1457	1464	1475	rBV	647350	1254230	43.48%	2.382%
44	10.653	1475	1479	1484	rVV4	31954	77370	2.68%	0.147%
45	10.747	1488	1495	1501	rVV4	84643	245516	8.51%	0.466%
46	10.800	1501	1504	1508	rVV4	31495	53731	1.86%	0.102%
47	10.841	1508	1511	1517	rVB2	34406	57823	2.00%	0.110%
48	10.912	1517	1523	1528	rBV3	48413	102961	3.57%	0.196%
49	10.976	1528	1534	1545	rVB4	175831	441044	15.29%	0.838%
50	11.070	1545	1550	1558	rVB3	20316	52897	1.83%	0.100%
51	11.253	1574	1581	1585	rBV6	39640	92899	3.22%	0.176%
52	11.335	1591	1595	1598	rVV3	30367	55717	1.93%	0.106%
53	11.376	1598	1602	1606	rVV3	51598	100040	3.47%	0.190%
54	11.417	1607	1609	1619	rVV5	21778	50164	1.74%	0.095%
55	11.865	1677	1685	1693	rBV	539199	1026993	35.60%	1.950%
56	11.959	1694	1701	1712	rVB	1299798	2221133	76.99%	4.218%
57	12.070	1712	1720	1731	rBV	620221	1198331	41.54%	2.276%
58	12.394	1765	1775	1783	rBV	76859	154228	5.35%	0.293%
59	12.694	1816	1826	1832	rBV	523701	889493	30.83%	1.689%
60	12.847	1842	1852	1862	rVB	400927	706199	24.48%	1.341%
61	13.029	1876	1883	1889	rVV	942088	1523033	52.79%	2.892%
62	13.094	1889	1894	1896	rVV	217064	339466	11.77%	0.645%
63	13.123	1896	1899	1904	rVV	389875	642990	22.29%	1.221%
64	13.170	1904	1907	1914	rVB	81166	123177	4.27%	0.234%
65	13.329	1927	1934	1944	rVB	1012519	1685214	58.41%	3.200%
66	13.435	1944	1952	1953	rBV2	46332	70204	2.43%	0.133%
67	13.476	1953	1959	1966	rVB	1772387	2884921	100.00%	5.478%
68	13.606	1973	1981	1987	rBV3	131007	308143	10.68%	0.585%
69	13.670	1987	1992	1997	rVB	61721	91322	3.17%	0.173%
70	13.723	1997	2001	2006	rBV2	35260	53557	1.86%	0.102%
71	13.788	2006	2012	2014	rBV	521500	870086	30.16%	1.652%
72	13.811	2014	2016	2023	rVB	586784	907074	31.44%	1.722%
73	13.882	2023	2028	2033	rVB	63627	102421	3.55%	0.194%
74	13.947	2033	2039	2042	rBV	519812	822719	28.52%	1.562%
75	13.988	2042	2046	2050	rVV	867651	1431798	49.63%	2.719%
76	14.029	2050	2053	2062	rVB2	372988	693514	24.04%	1.317%

LSC Area Percent Report

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Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW10

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

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Title : SW846 8260

77	14.111	2062	2067	2073	rVB	117267	186631	6.47%	0.354%
78	14.176	2073	2078	2083	rBV	168269	272721	9.45%	0.518%
79	14.241	2083	2089	2092	rBV	290119	496665	17.22%	0.943%
80	14.323	2098	2103	2109	rVB	772450	1204557	41.75%	2.287%
81	14.394	2109	2115	2118	rBV	332469	548162	19.00%	1.041%
82	14.441	2118	2123	2130	rVB2	1092272	1838764	63.74%	3.492%
83	14.570	2139	2145	2150	rBV2	139756	224333	7.78%	0.426%
84	14.647	2150	2158	2162	rBV	552672	929540	32.22%	1.765%
85	14.688	2162	2165	2170	rVV	304647	426955	14.80%	0.811%
86	14.729	2170	2172	2176	rVB	50788	55761	1.93%	0.106%
87	14.876	2192	2197	2200	rBV2	49522	74474	2.58%	0.141%
88	14.923	2200	2205	2211	rBV	633723	1025864	35.56%	1.948%
89	15.047	2216	2226	2232	rBV2	1093658	2310686	80.10%	4.388%
90	15.117	2232	2238	2244	rVB2	80914	169350	5.87%	0.322%
91	15.205	2247	2253	2259	rBV3	86550	164137	5.69%	0.312%
92	15.311	2259	2271	2277	rBV2	232772	586461	20.33%	1.114%
93	15.435	2283	2292	2300	rVB4	156326	427726	14.83%	0.812%
94	15.635	2320	2326	2332	rVB	152110	281604	9.76%	0.535%
95	15.747	2339	2345	2349	rBV3	61862	116326	4.03%	0.221%
96	15.800	2349	2354	2365	rVB3	49186	119717	4.15%	0.227%
97	15.941	2370	2378	2387	rBV	104295	207165	7.18%	0.393%
98	16.129	2395	2410	2420	rBV3	30686	110404	3.83%	0.210%
99	16.252	2424	2431	2437	rVV	40234	90195	3.13%	0.171%
100	16.335	2437	2445	2453	rVB3	41444	116417	4.04%	0.221%

Sum of corrected areas: 52660601

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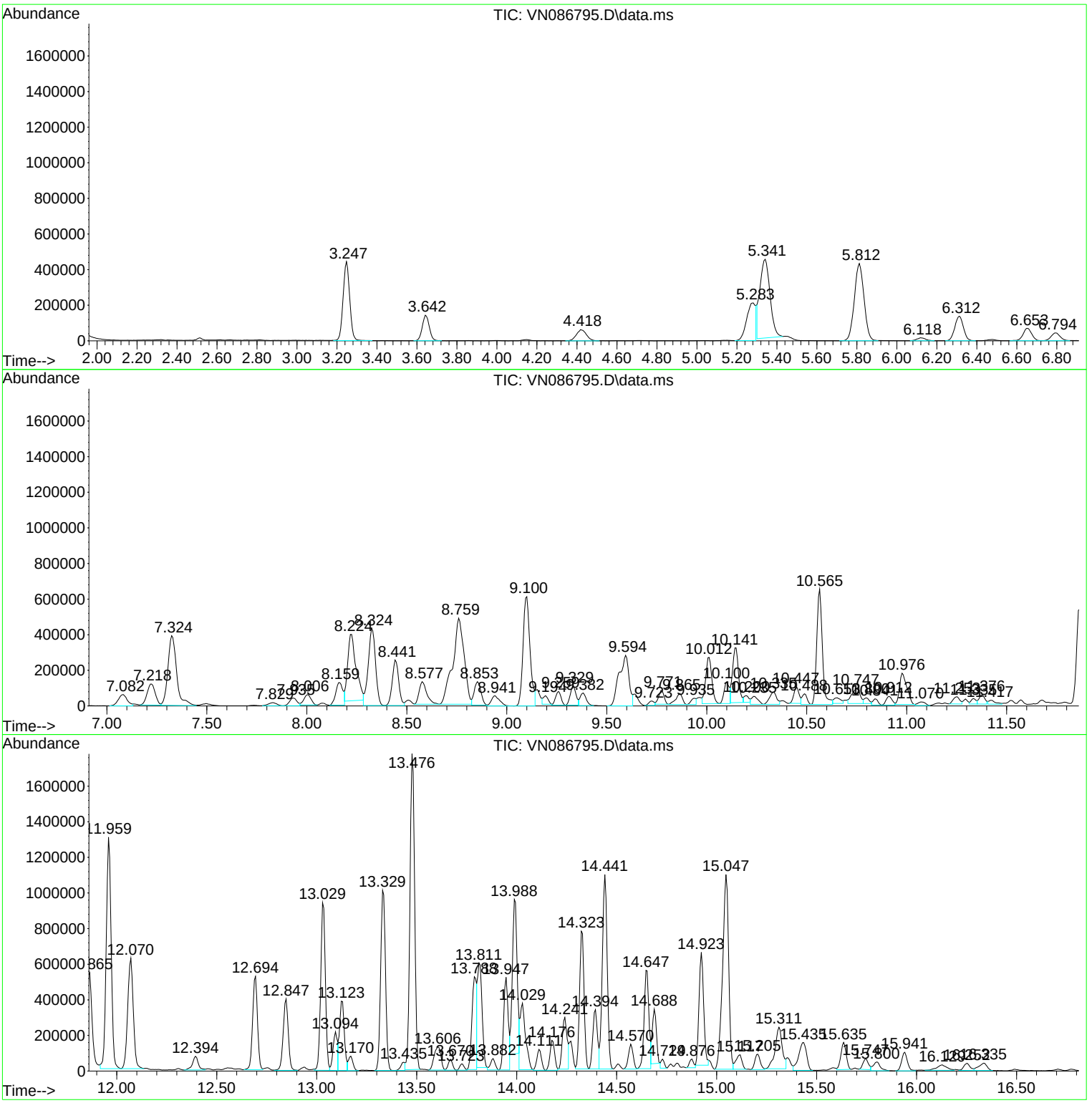
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052825\
Data File : VN086795.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

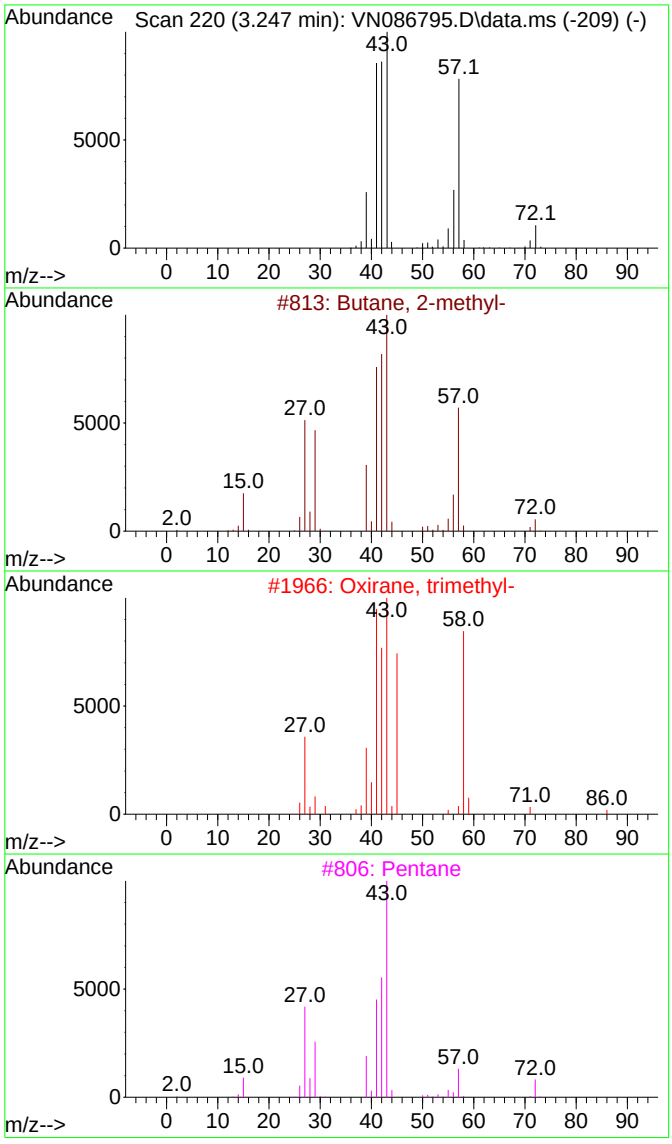
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

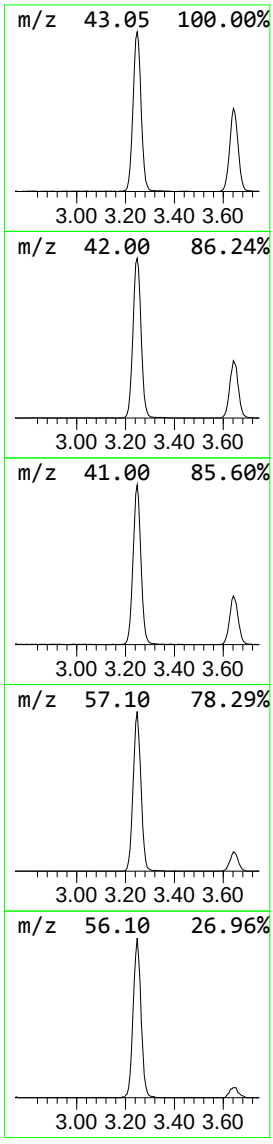
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.247	46.74 ug/l	1016000	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Oxirane, trimethyl-	86	C5H10O	005076-19-7	33
3	Pentane	72	C5H12	000109-66-0	33
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	16
5	Butane, 2-nitro-	103	C4H9NO2	000600-24-8	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052825\
Data File : VN086795.D
Acq On : 28 May 2025 13:23
Operator : JC\MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

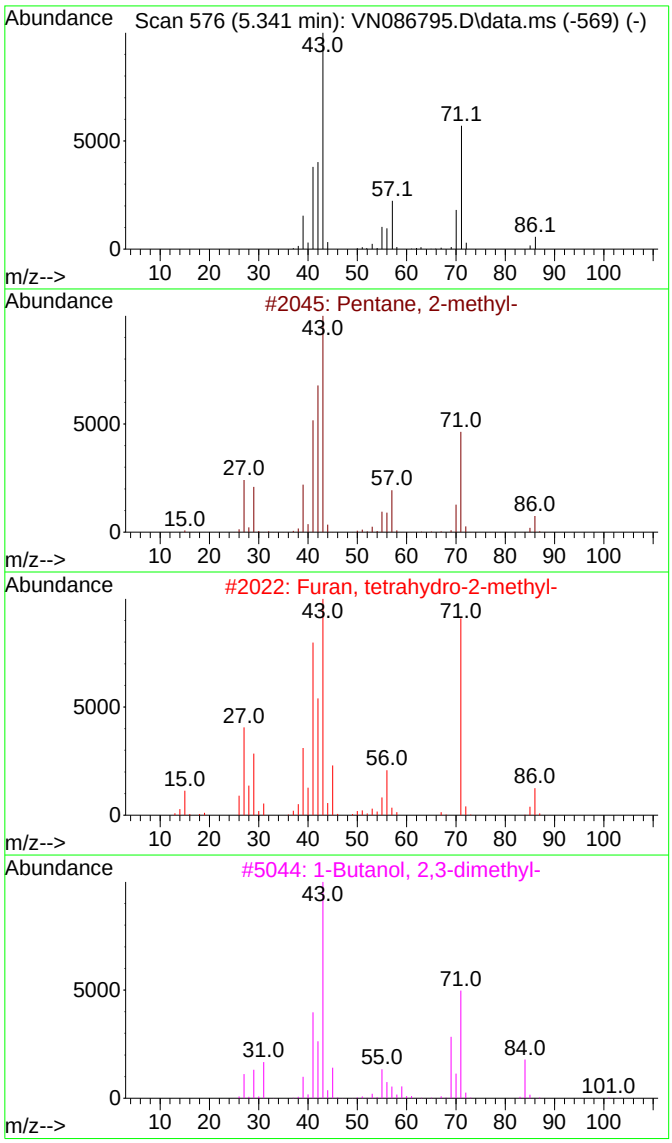
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

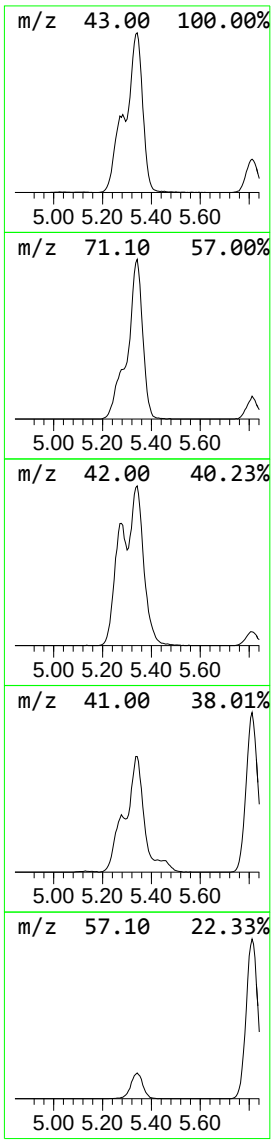
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.341	70.31 ug/l	1528160	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	87
2	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	50
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	39
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38





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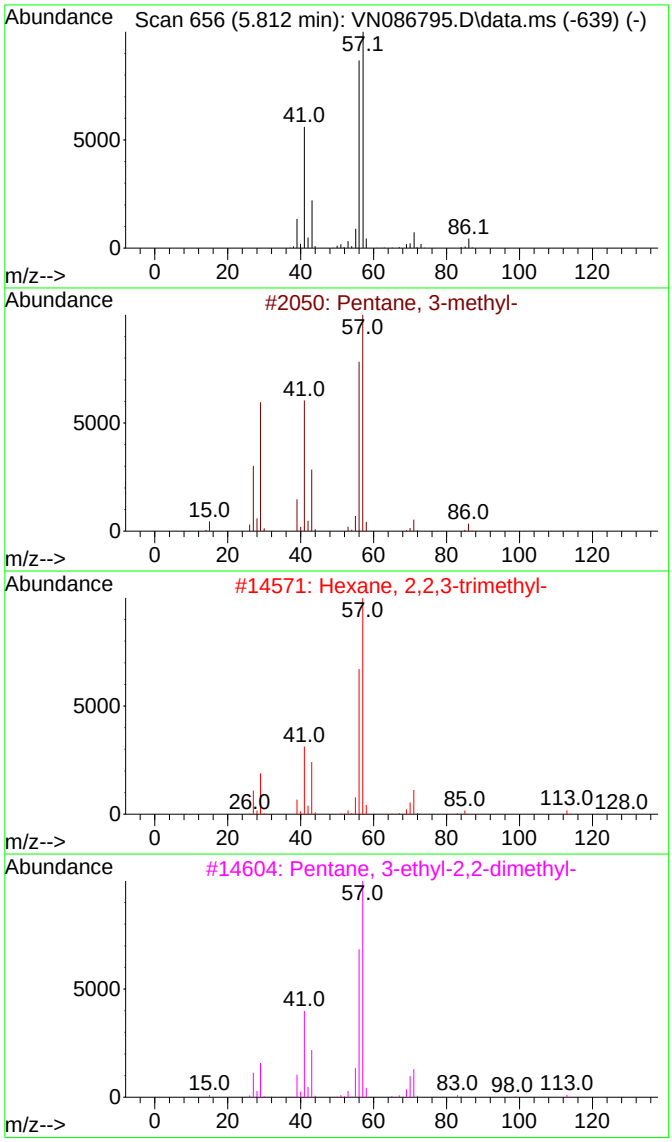
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

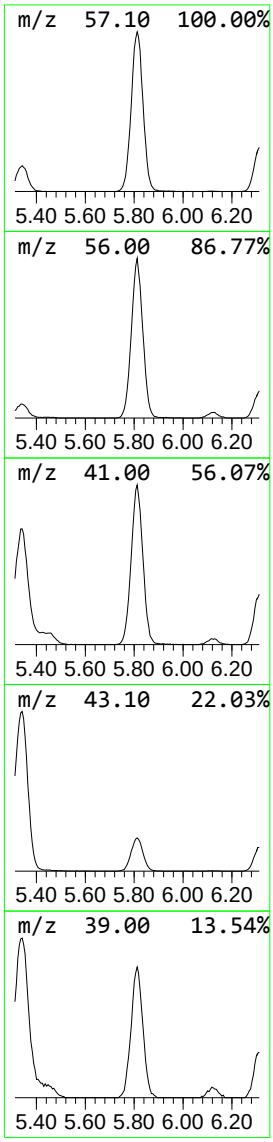
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.812	66.90 ug/l	1454150	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
4	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38





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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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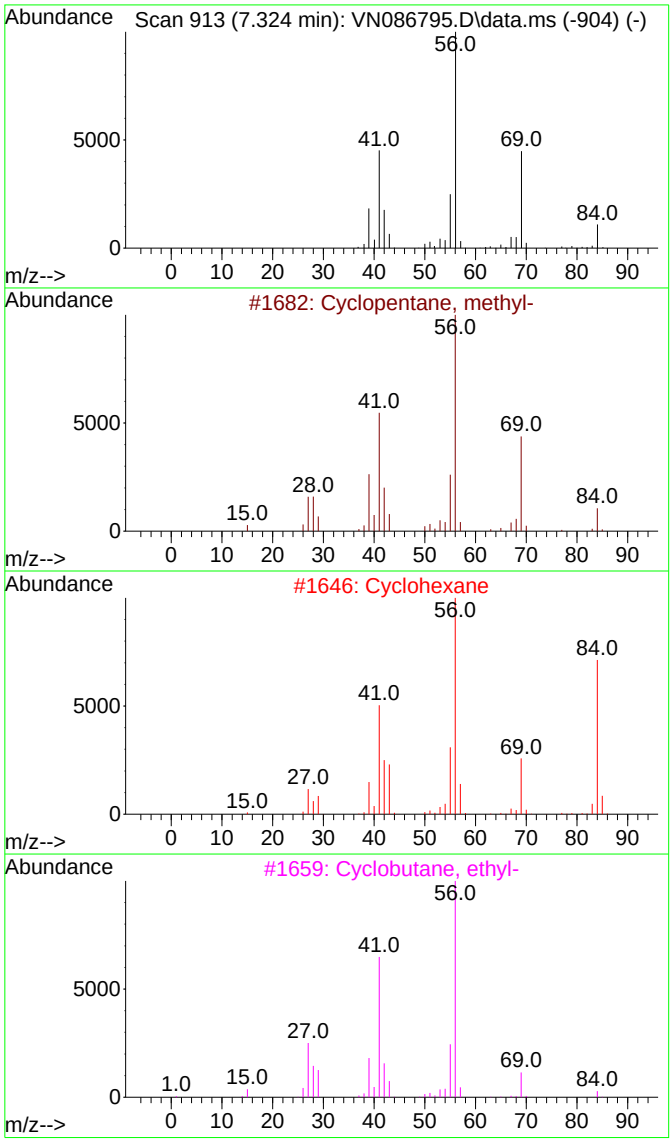
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

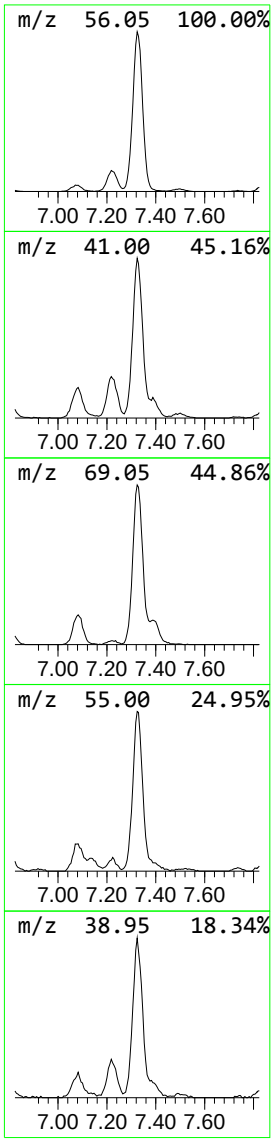
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.324	54.34 ug/l	1181150	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	78
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052825\
Data File : VN086795.D
Acq On : 28 May 2025 13:23
Operator : JC\MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

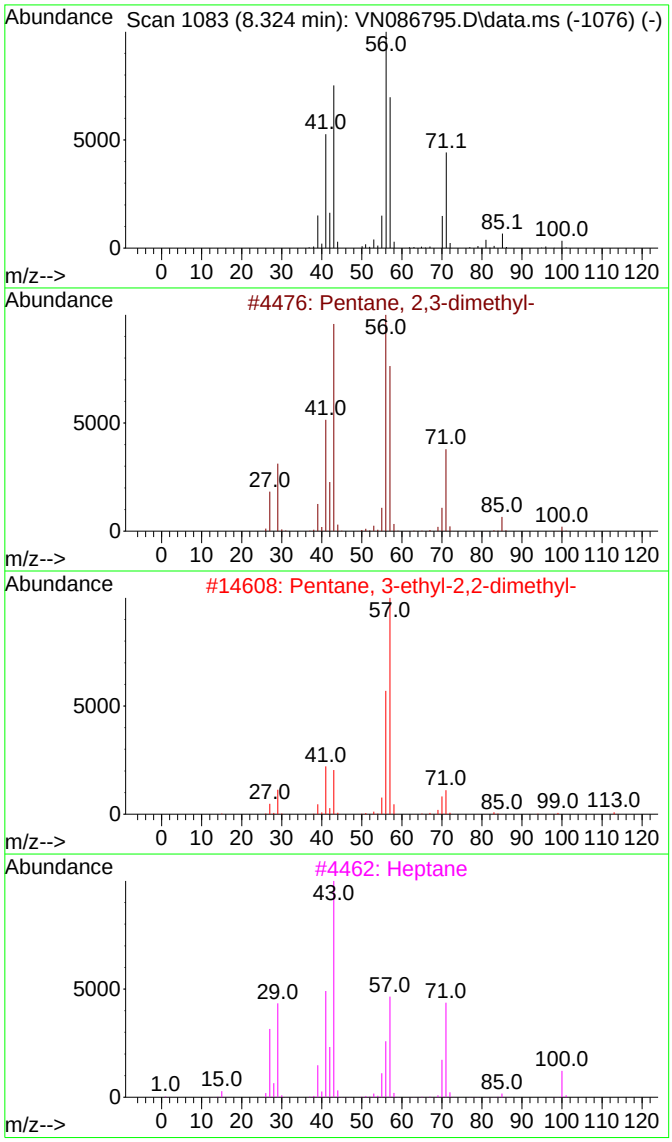
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

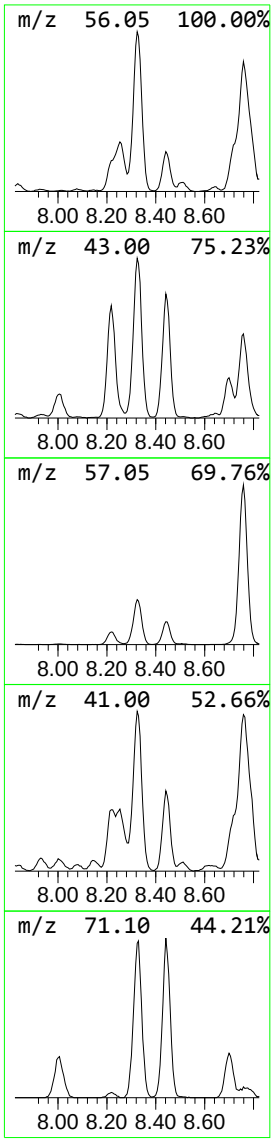
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.324	50.30 ug/l	1093430	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	50
3	Heptane	100	C7H16	000142-82-5	47
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	43
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	43





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Data File : VN086795.D
Acq On : 28 May 2025 13:23
Operator : JC\MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

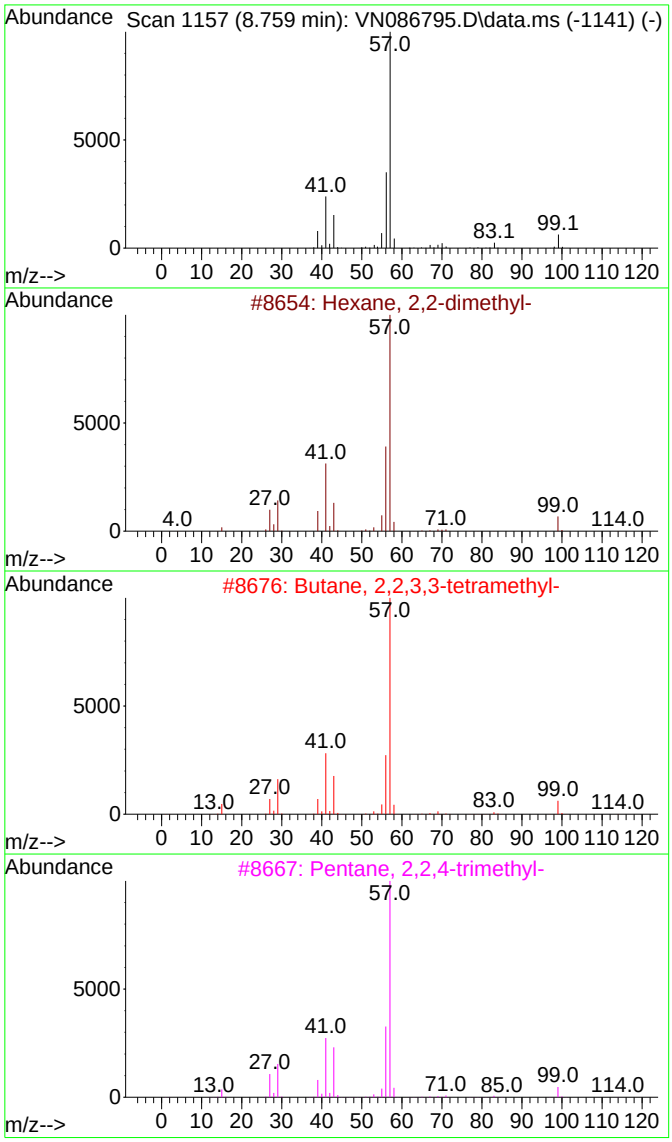
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

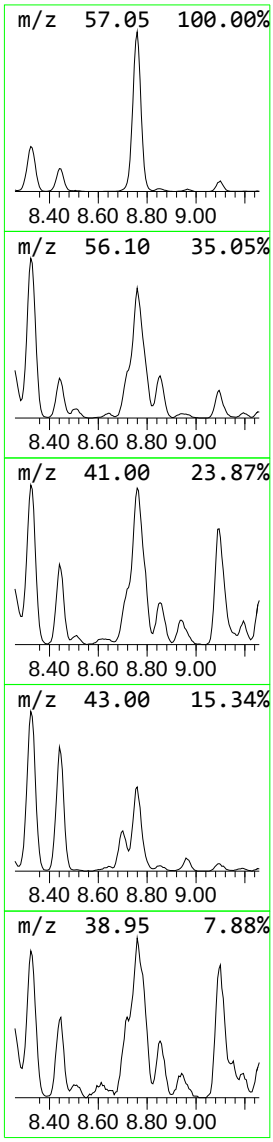
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexane, 2,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.759	64.26 ug/l	1923480	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59





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Acq On : 28 May 2025 13:23
Operator : JC\MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

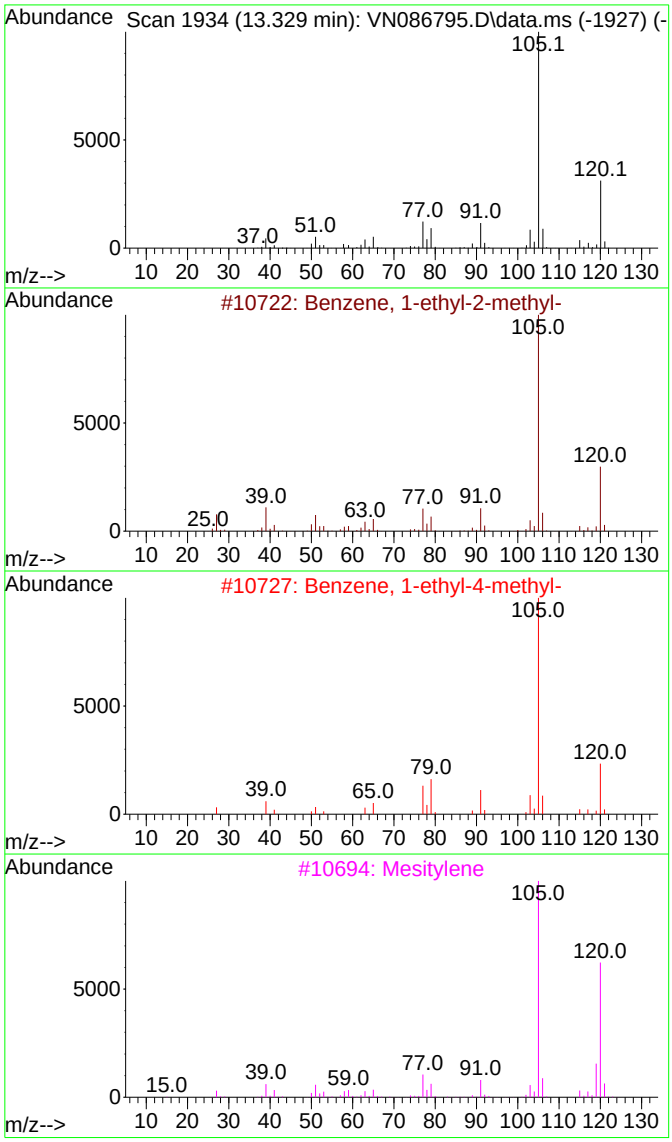
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

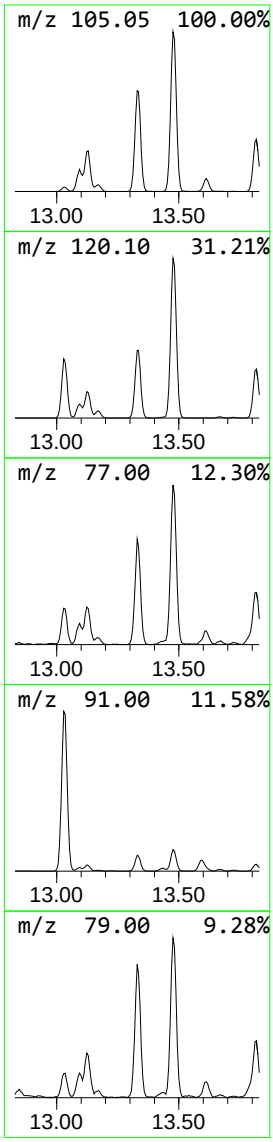
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.329	96.84 ug/l	1685210	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Data File : VN086795.D
Acq On : 28 May 2025 13:23
Operator : JC\MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

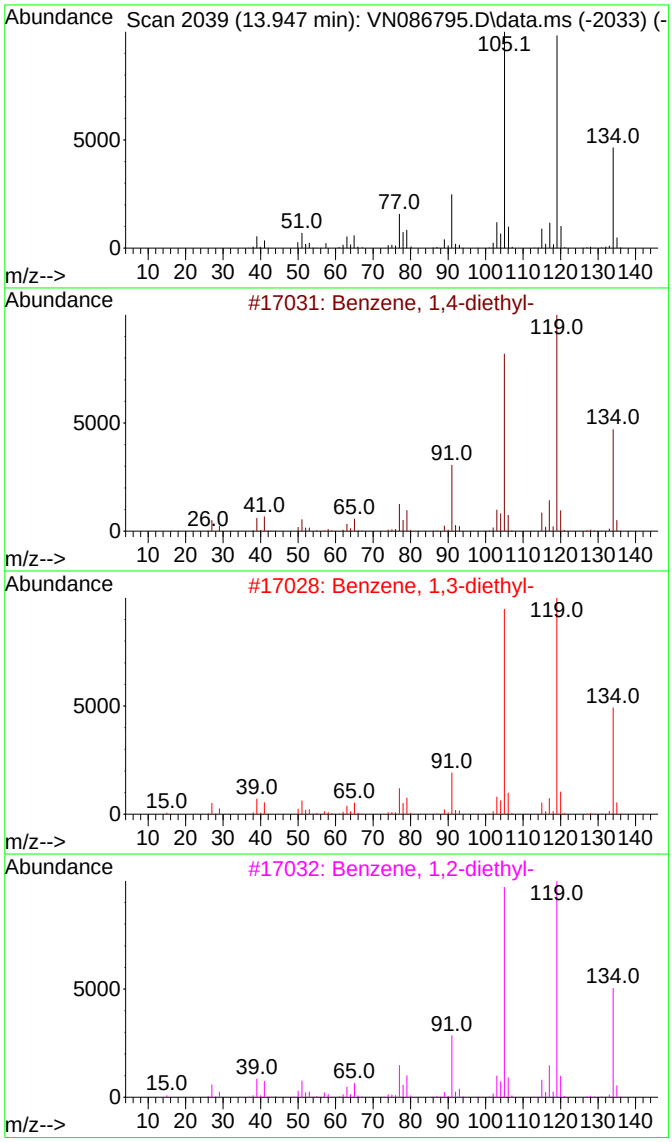
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

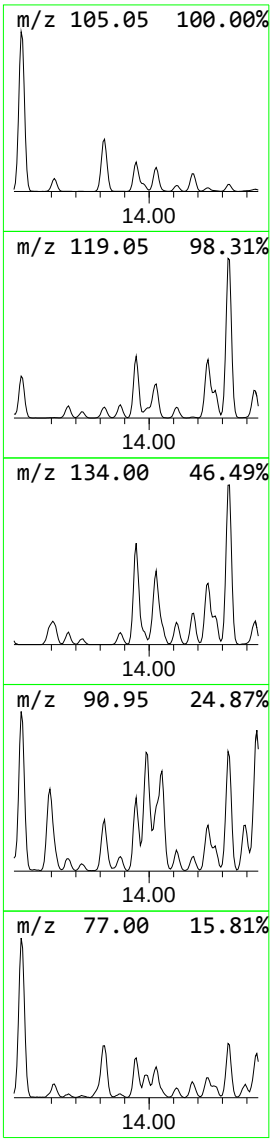
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,4-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.947	47.28 ug/l	822719	1,4-Dichlorobenzene-d4	13.788

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	97
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





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Acq On : 28 May 2025 13:23
Operator : JC\MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

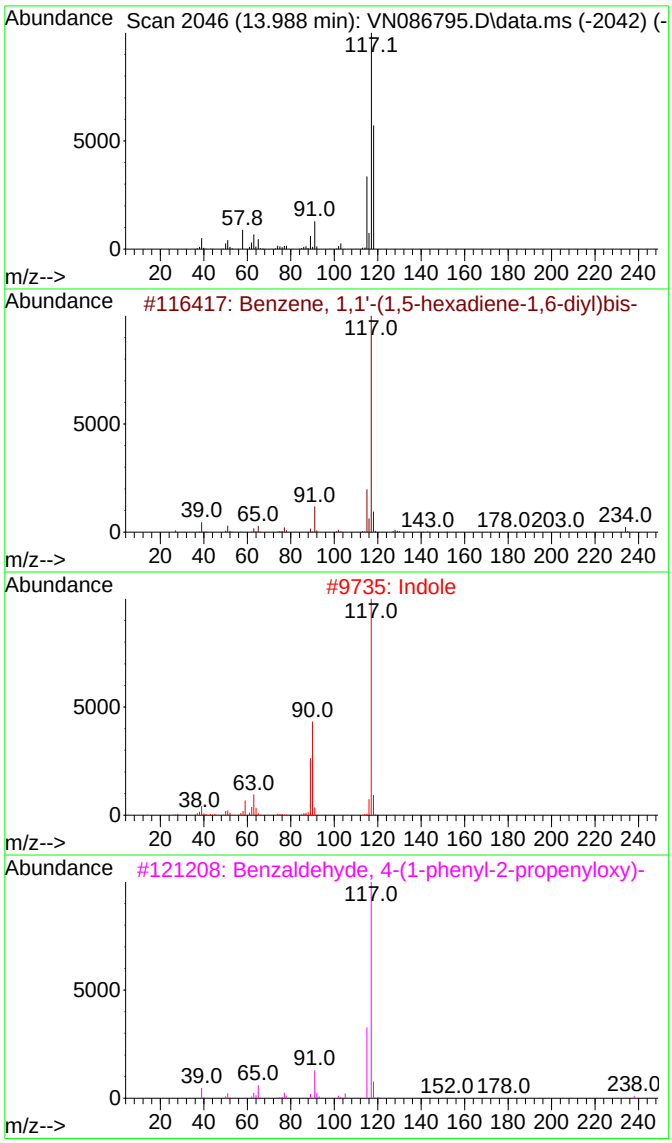
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

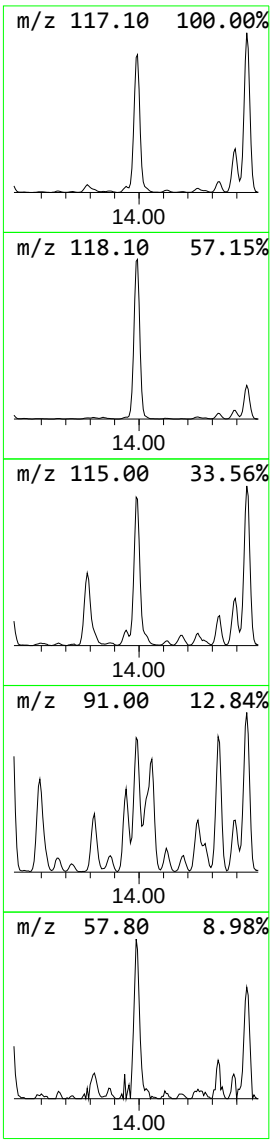
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.988	82.28 ug/l	1431800	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2	Indole	117	C8H7N	000120-72-9	46
3	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	42
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	40
5	(R)-2-Cyclopentyl-2-phenylaceton...	185	C13H15N	1379452-54-6	28





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Data File : VN086795.D
Acq On : 28 May 2025 13:23
Operator : JC\MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

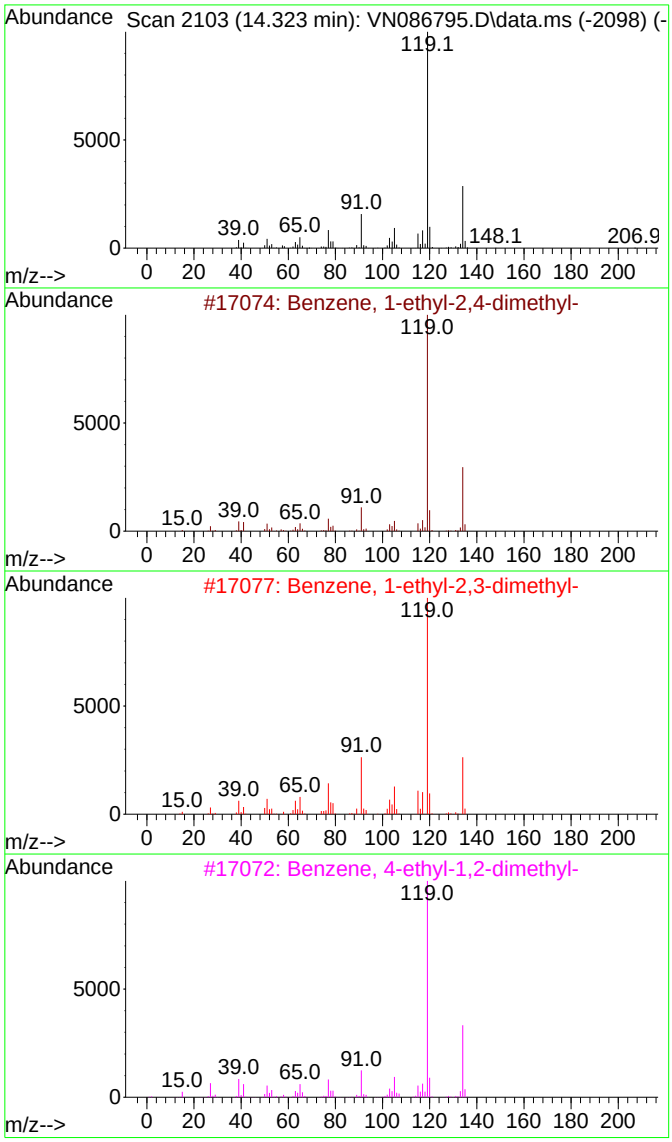
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

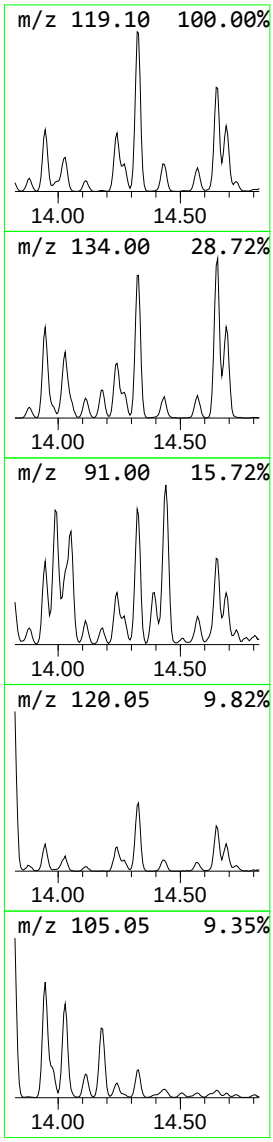
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.323	69.22 ug/l	1204560	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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Data File : VN086795.D
Acq On : 28 May 2025 13:23
Operator : JC\MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

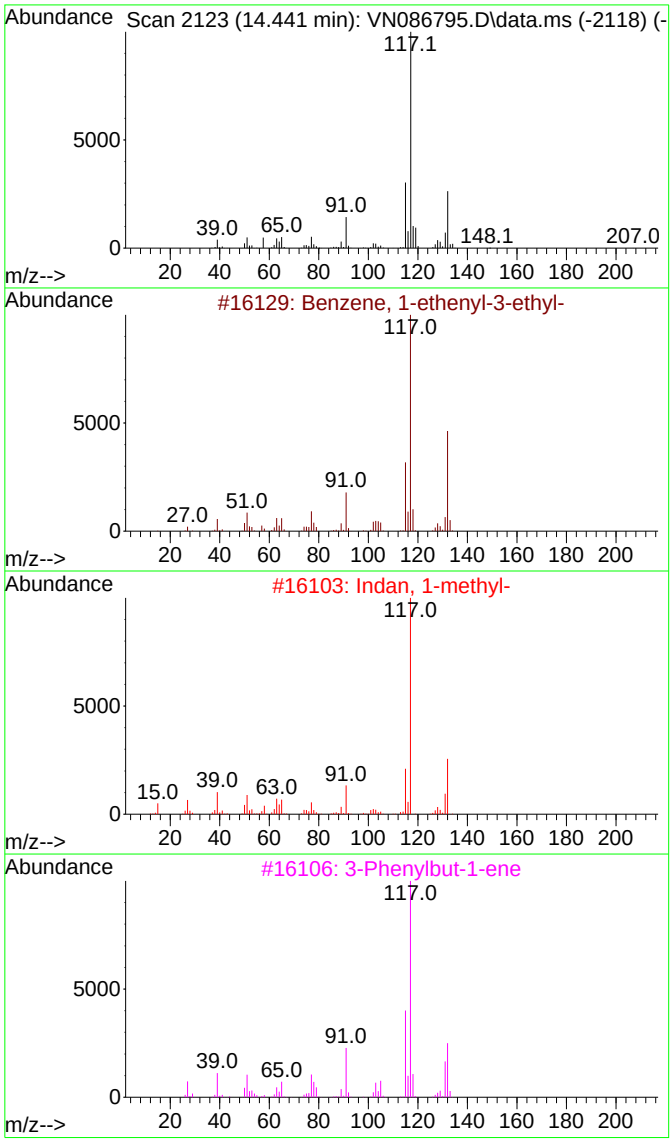
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

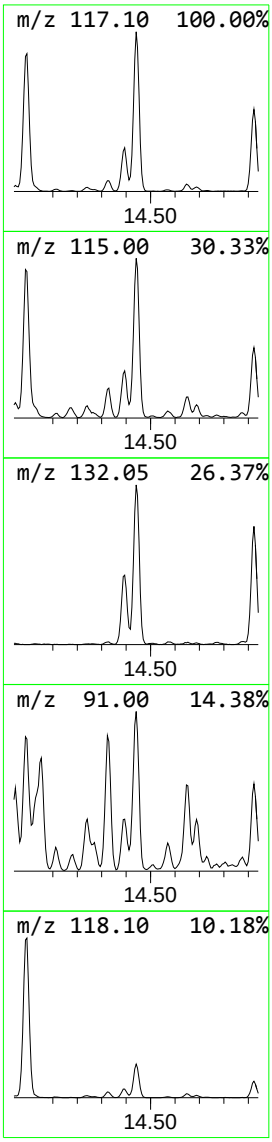
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.441	105.67 ug/l	1838760	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	76
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	72
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72





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Acq On : 28 May 2025 13:23
Operator : JC\MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

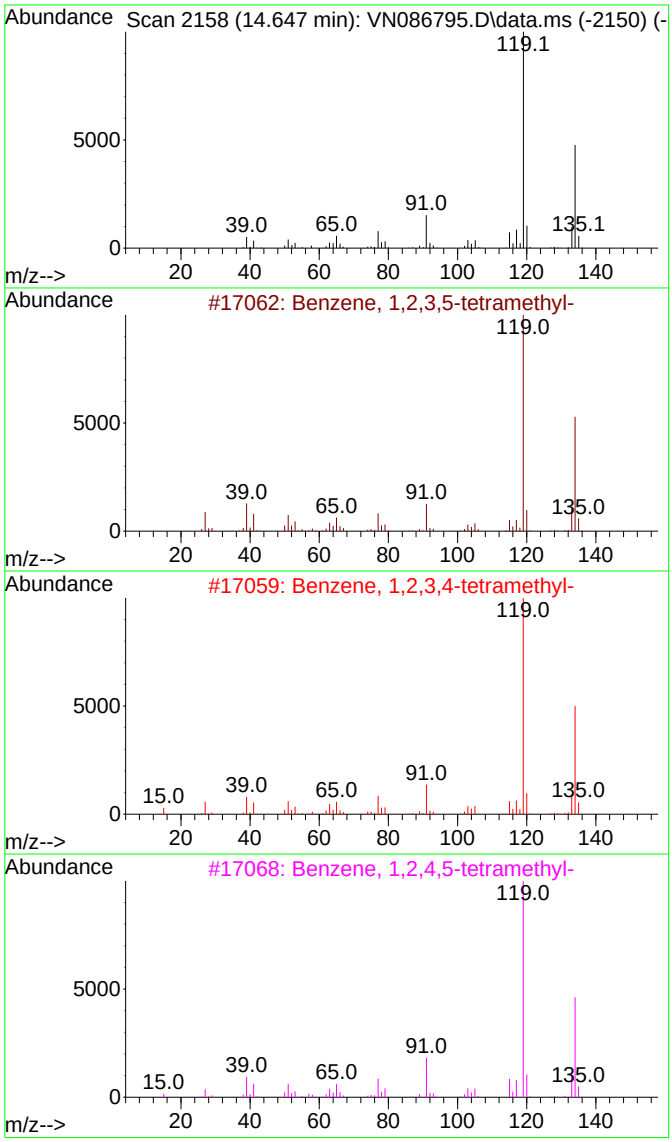
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

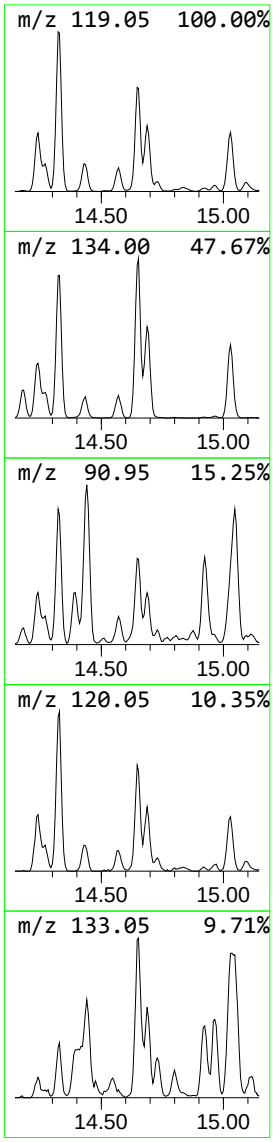
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.647	53.42 ug/l	929540	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	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	97
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052825\
Data File : VN086795.D
Acq On : 28 May 2025 13:23
Operator : JC\MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

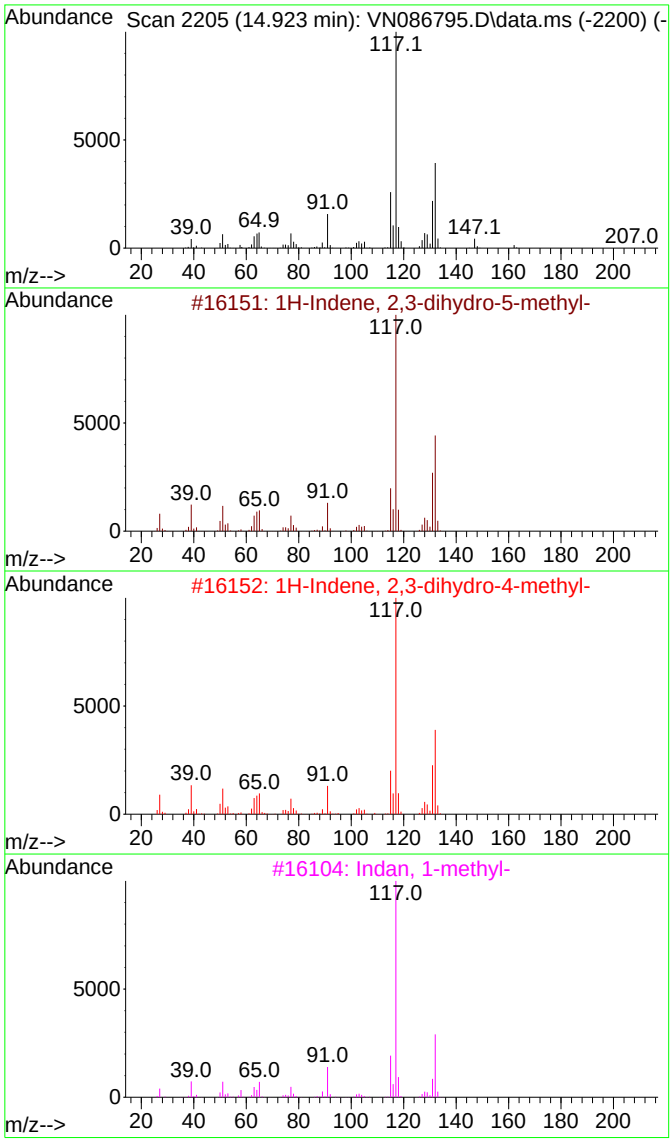
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

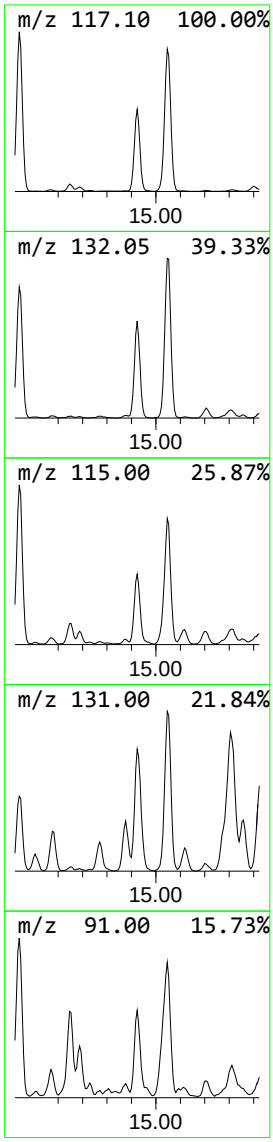
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.923	58.95 ug/l	1025860	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
3	Indan, 1-methyl-	132	C10H12	000767-58-8	93
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	86





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Data File : VN086795.D
Acq On : 28 May 2025 13:23
Operator : JC\MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

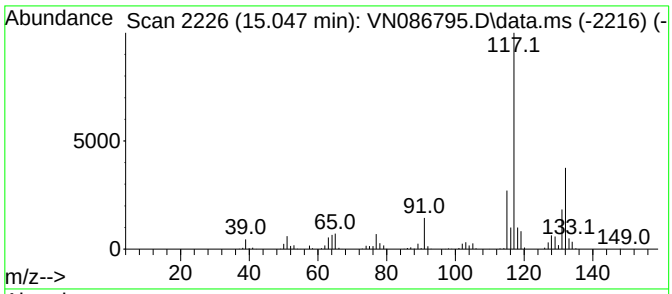
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

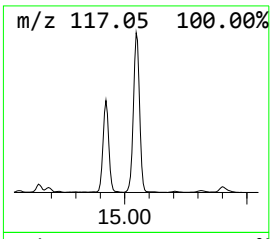
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

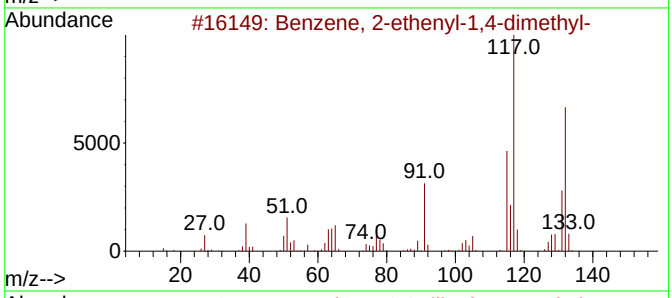
****
Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

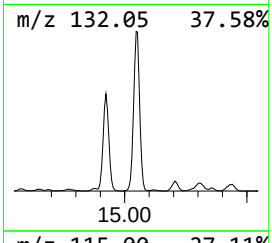
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.047	132.79 ug/l	2310690	1,4-Dichlorobenzene-d4	13.788

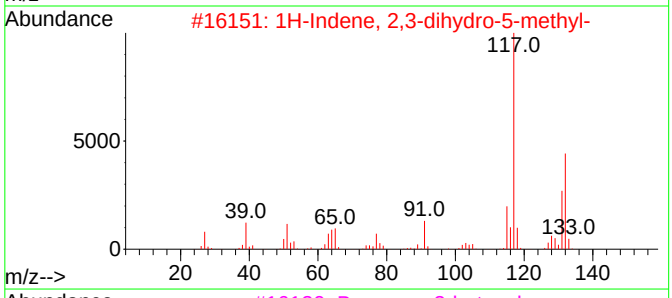
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90

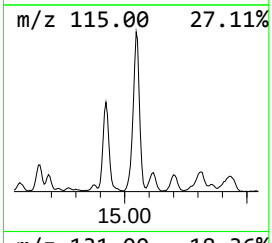


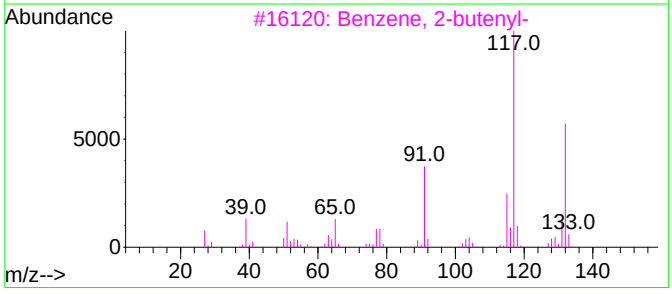


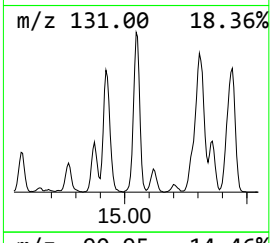


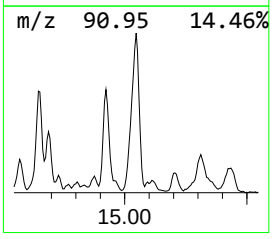












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Data File : VN086795.D
Acq On : 28 May 2025 13:23
Operator : JC\MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

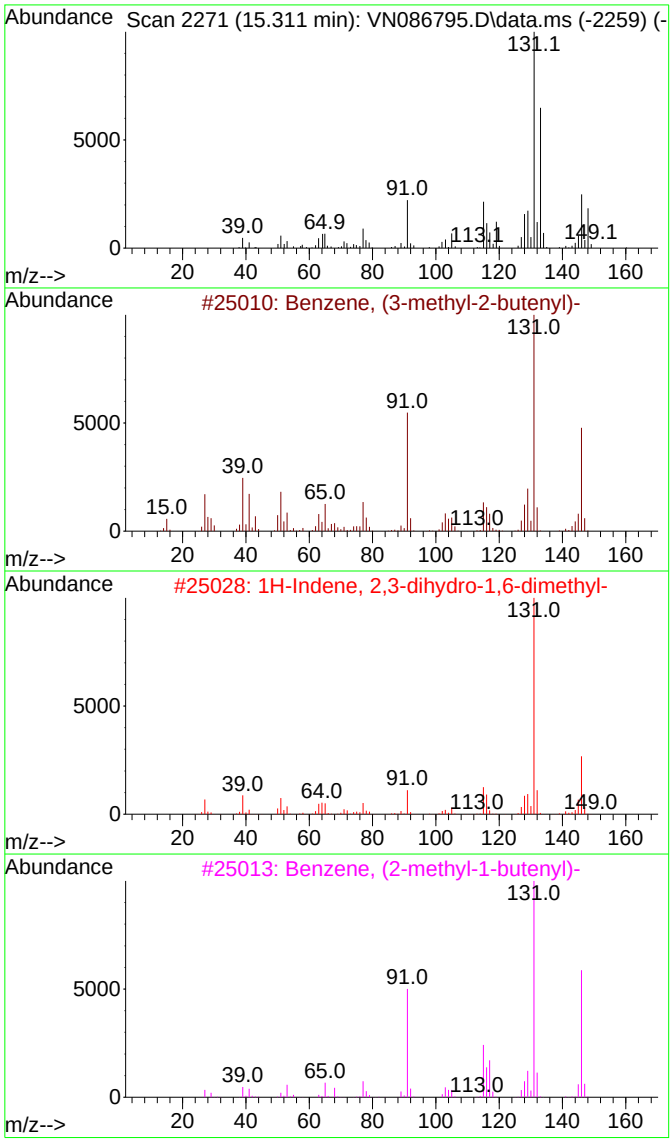
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

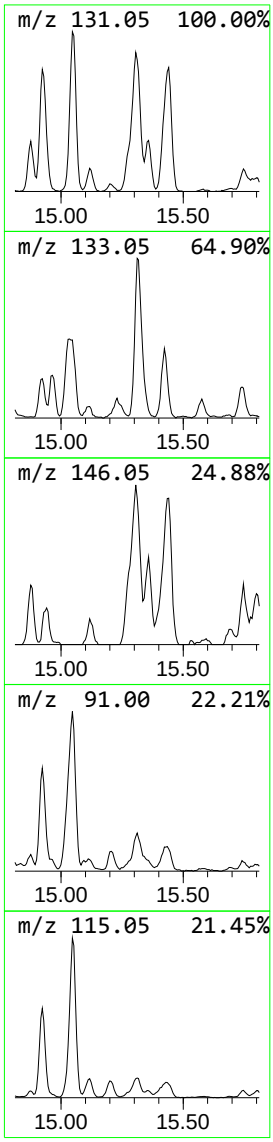
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (3-methyl-2-butenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.311	33.70 ug/l	586461	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052825\
Data File : VN086795.D
Acq On : 28 May 2025 13:23
Operator : JC\MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.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
Butane, 2-methyl-	3.247	46.7	ug/l	1016000	1	8.224	1086810	50.0
Pentane, 2-methyl-	5.341	70.3	ug/l	1528160	1	8.224	1086810	50.0
Pentane, 3-methyl-	5.812	66.9	ug/l	1454150	1	8.224	1086810	50.0
Cyclopentane, m...	7.324	54.3	ug/l	1181150	1	8.224	1086810	50.0
Pentane, 2,3-di...	8.324	50.3	ug/l	1093430	1	8.224	1086810	50.0
Hexane, 2,2-dim...	8.759	64.3	ug/l	1923480	2	9.100	1496740	50.0
Benzene, 1-ethy...	13.329	96.8	ug/l	1685210	4	13.788	870086	50.0
Benzene, 1,4-di...	13.947	47.3	ug/l	822719	4	13.788	870086	50.0
Benzene, 1,1'-(...	13.988	82.3	ug/l	1431800	4	13.788	870086	50.0
Benzene, 1-ethy...	14.323	69.2	ug/l	1204560	4	13.788	870086	50.0
Benzene, 1-ethe...	14.441	105.7	ug/l	1838760	4	13.788	870086	50.0
Benzene, 1,2,3,...	14.647	53.4	ug/l	929540	4	13.788	870086	50.0
1H-Indene, 2,3-...	14.923	59.0	ug/l	1025860	4	13.788	870086	50.0
Benzene, 2-ethe...	15.047	132.8	ug/l	2310690	4	13.788	870086	50.0
Benzene, (3-met...	15.311	33.7	ug/l	586461	4	13.788	870086	50.0