LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

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\82N061622W.M
Title : SW846 8260

Signal : TIC: VN072893.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.004	515	530	531	rBV3	65120	181457	1.22%	0.159%
2	5.063	533	540	555	rVB2	150902	542601	3.66%	0.476%
3	5.299	569	580	595	rVB2	67116	229526	1.55%	0.201%
4	5.534	604	620	638	rBV2	160782	582797	3.93%	0.511%
5	6.040	695	706	720	rVB2	65899	204951	1.38%	0.180%
6	7.069	870	881	893	rVB	352132	1038113	7.01%	0.911%
7	7.951	1022	1031	1036	rBV	575584	1419185	9.58%	1.245%
8	8.016	1036	1042	1051	rVV	1018594	2603717	17.57%	2.285%
9	8.104	1051	1057	1069	rVB3	208284	574756	3.88%	0.504%
10	8.222	1069	1077	1085	rBV	180533	426193	2.88%	0.374%
11	8.369	1093	1102	1111	rBV	602102	1364640	9.21%	1.197%
12	8.498	1114	1124	1128	rVV6	204193	592447	4.00%	0.520%
13	8.551	1128	1133	1142	rVV3	277792	871043	5.88%	0.764%
14	8.639	1142	1148	1158	rVB	144561	334035	2.25%	0.293%
15	8.898	1182	1192	1206	rBV	1179706	2547213	17.19%	2.235%
16	9.392	1259	1276	1283	rBV2	713902	2083118	14.06%	1.828%
17	9.575	1301	1307	1314	rVB	162999	320303	2.16%	0.281%
18	9.734	1327	1334	1336	rBV3	85004	162384	1.10%	0.142%
19	9.816	1343	1348	1357	rVB	222646	448443	3.03%	0.393%
20	9.904	1357	1363	1366	rBV	322247	592836	4.00%	0.520%
21	9.945	1366	1370	1378	rVB	450846	893877	6.03%	0.784%
22	10.139	1394	1403	1416	rBV4	115423	360967	2.44%	0.317%
23	10.375	1435	1443	1458	rBV	2085834	4051421	27.35%	3.555%
24	10.569	1467	1476	1484	rVB2	132895	356010	2.40%	0.312%
25	10.792	1506	1514	1524	rVV3	249873	604287	4.08%	0.530%
26	11.028	1538	1554	1565	rBV5	86688	318043	2.15%	0.279%
27	11.186	1571	1581	1585	rBV3	131397	268361	1.81%	0.235%
28	11.551	1638	1643	1649	rBV2	87880	195261	1.32%	0.171%
29	11.680	1657	1665	1675	rBV	1849180	3355011	22.65%	2.944%
30	11.780	1675	1682	1692	rVB	867797	1537664	10.38%	1.349%
31	11.892	1692	1701	1711	rBV	383790	740492	5.00%	0.650%
32	12.216	1745	1756	1761	rBV	113675	252614	1.71%	0.222%
33	12.516	1800	1807	1816	rVB	1866638	3048628	20.58%	2.675%
34	12.669	1824	1833	1841	rBV	1632112	2843965	19.20%	2.495%
35	12.780	1847	1852	1857	rBV2	85762	157316	1.06%	0.138%
36	12.857	1857	1865	1870	rVV	1927674	3219637	21.73%	2.825%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

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\82N061622W.M
Title : SW846 8260

37	12.916	1870	1875	1878	rVV	1404676	2319216	15.65%	2.035%
38	12.951	1878	1881	1884	rVV	1301695	1985348	13.40%	1.742%
39	12.992	1884	1888	1898	rVB	3923605	6120723	41.31%	5.371%
40	13.157	1908	1916	1923	rBV	2052301	3421126	23.09%	3.002%
41	13.304	1931	1941	1948	rBV	9048708	14815378	100.00%	13.000%
42	13.433	1954	1963	1968	rVB2	170223	395039	2.67%	0.347%
43	13.492	1968	1973	1978	rVB	251884	379724	2.56%	0.333%
44	13.639	1987	1998	2005	rBV2	4369655	9479178	63.98%	8.318%
45	13.774	2014	2021	2023	rBV	886415	1477918	9.98%	1.297%
46	13.810	2023	2027	2030	rVV2	2375338	4063197	27.43%	3.565%
47	13.845	2030	2033	2043	rVB2	1303331	2459944	16.60%	2.159%
48	13.933	2043	2048	2054	rVB	204322	317464	2.14%	0.279%
49	14.004	2054	2060	2065	rBV	493384	779228	5.26%	0.684%
50	14.063	2065	2070	2073	rBV	977476	1613321	10.89%	1.416%
51	14.092	2073	2075	2080	rVV	679366	899370	6.07%	0.789%
52	14.151	2080	2085	2091	rVV	2350603	3573035	24.12%	3.135%
53	14.210	2091	2095	2099	rVV	304976	485883	3.28%	0.426%
54	14.263	2099	2104	2113	rVB2	1390381	2339659	15.79%	2.053%
55	14.392	2120	2126	2132	rVB	522121	810903	5.47%	0.712%
56	14.474	2132	2140	2143	rBV	1389388	2328354	15.72%	2.043%
57	14.510	2143	2146	2151	rVV	1279727	1956140	13.20%	1.716%
58	14.557	2151	2154	2158	rVB	118634	157684	1.06%	0.138%
59	14.739	2180	2185	2190	rVV	1084953	1715015	11.58%	1.505%
60	14.786	2190	2193	2197	rVB	139655	192491	1.30%	0.169%
61	14.863	2197	2206	2212	rBV2	2108111	4220040	28.48%	3.703%
62	14.916	2212	2215	2223	rVB3	110184	222394	1.50%	0.195%
63	15.016	2226	2232	2239	rBV2	189260	352203	2.38%	0.309%
64	15.121	2240	2250	2255	rBV3	341859	829064	5.60%	0.727%
65	15.233	2263	2269	2277	rVB2	273631	646264	4.36%	0.567%
66	15.427	2296	2302	2309	rVB	498395	890715	6.01%	0.782%
67	15.533	2315	2320	2325	rBV3	87716	162138	1.09%	0.142%
68	15.592	2325	2330	2338	rVB2	84064	183446	1.24%	0.161%
69	15.721	2346	2352	2358	rBV	159574	296353	2.00%	0.260%
70	15.898	2374	2382	2397	rVB2	109671	331454	2.24%	0.291%
71	16.104	2410	2417	2423	rVB3	81020	184012	1.24%	0.161%
72	16.521	2480	2488	2502	rVB	542293	1210087	8.17%	1.062%
73	16.727	2514	2523	2532	rBV	446252	1027432	6.93%	0.902%

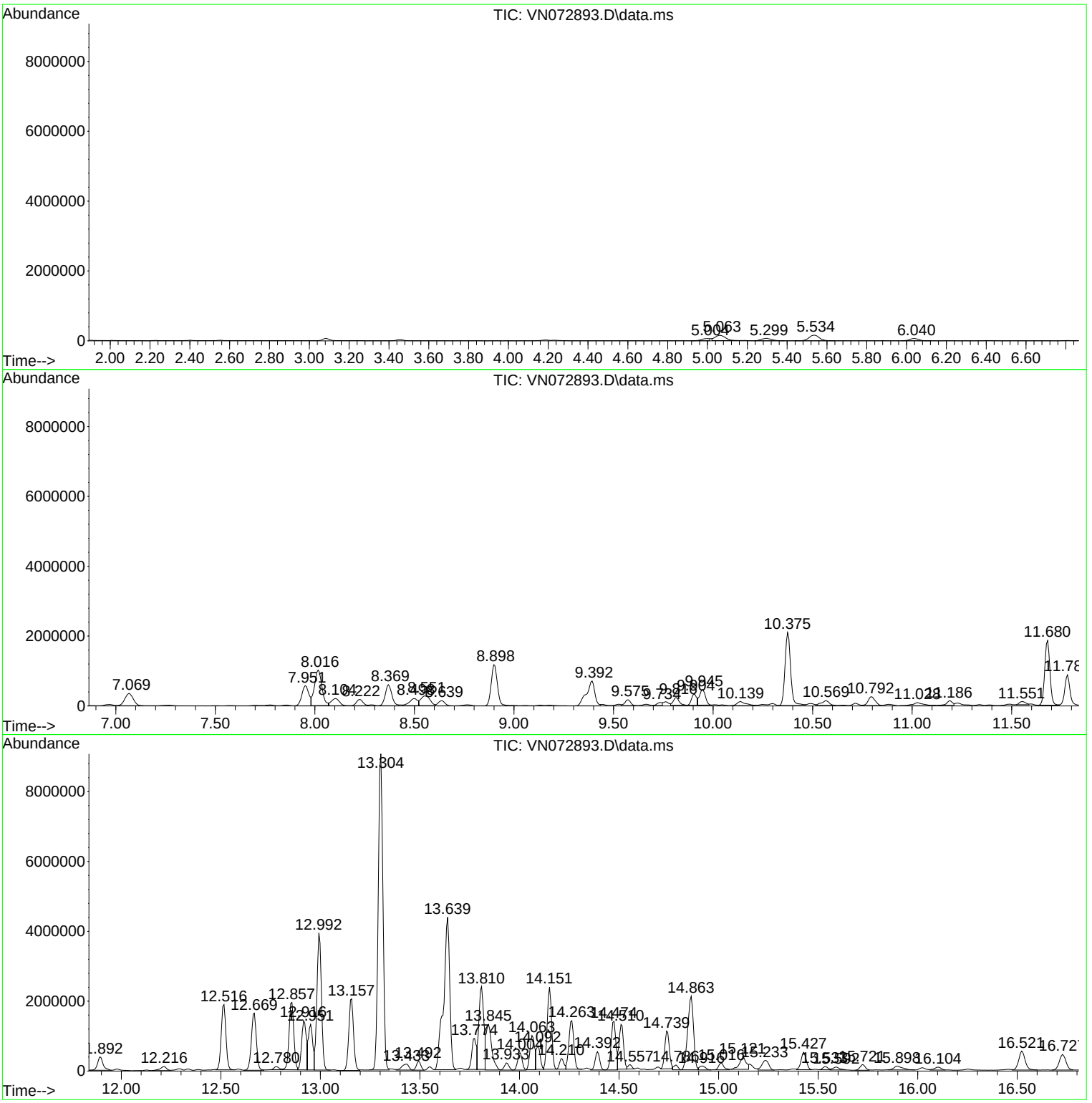
Sum of corrected areas: 113964252

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

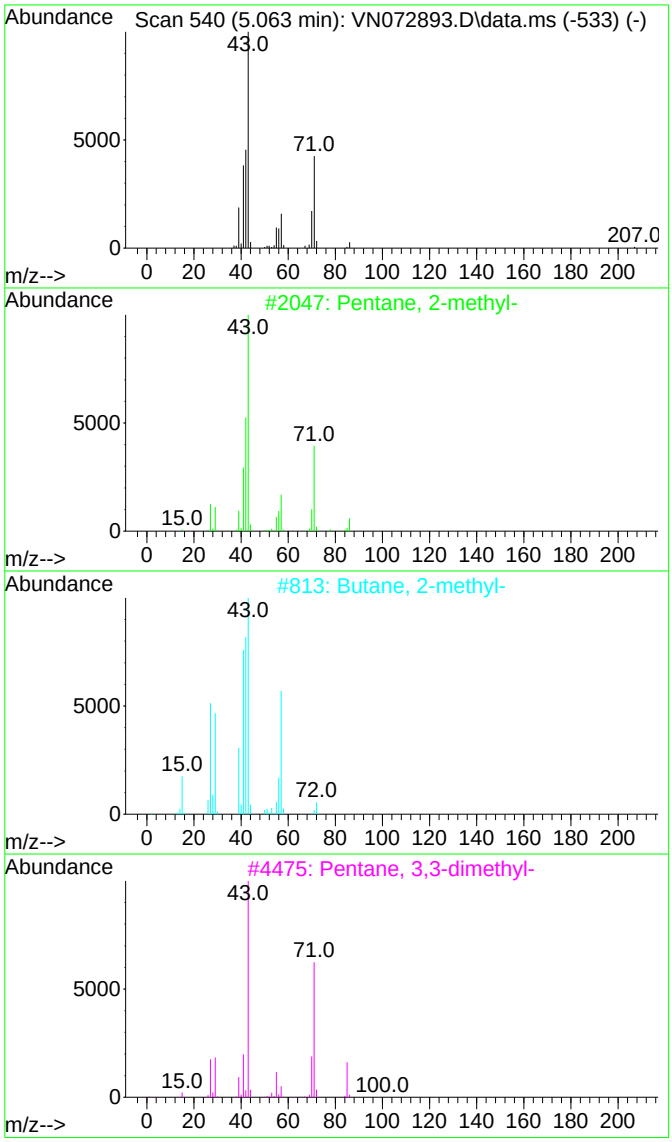
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

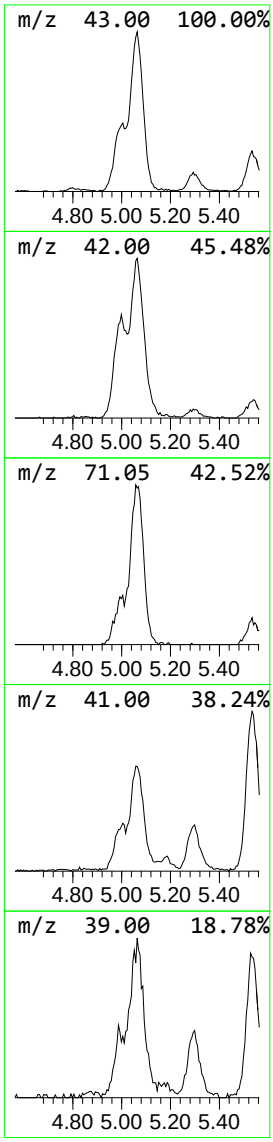
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.063	10.42 ug/l	542601	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	38
3	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	37
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	36
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

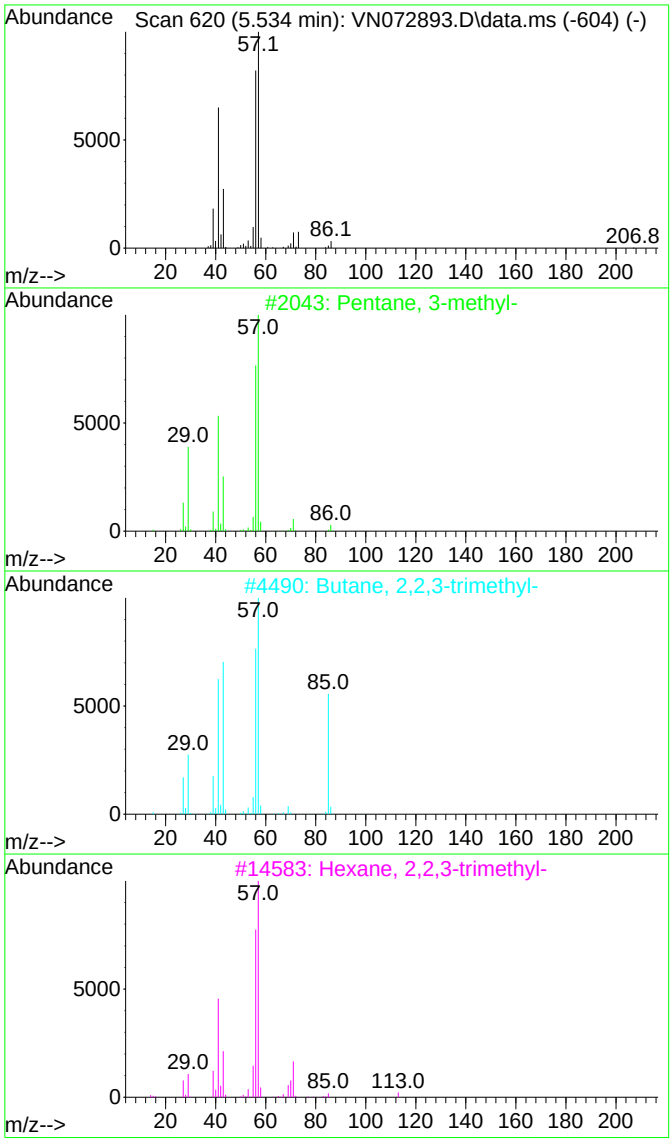
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

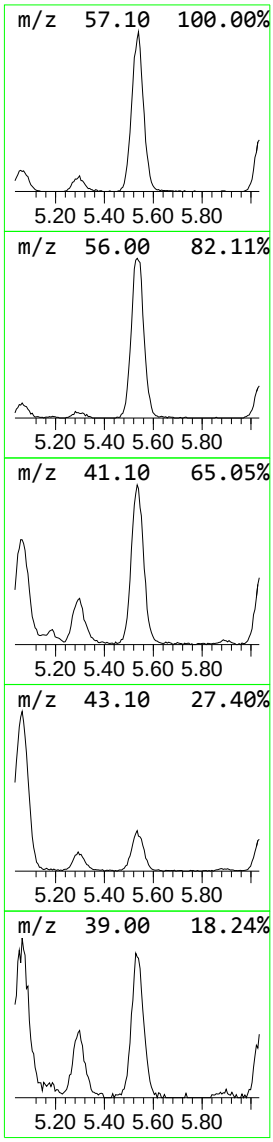
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.534	11.19 ug/l	582797	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	56
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
5	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

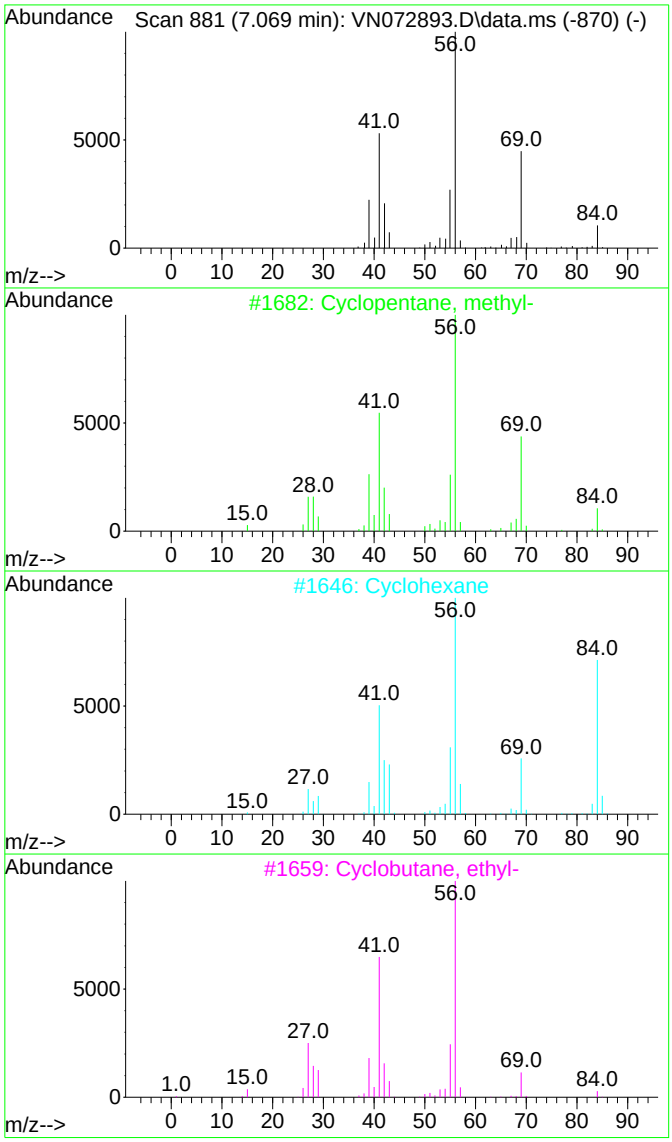
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

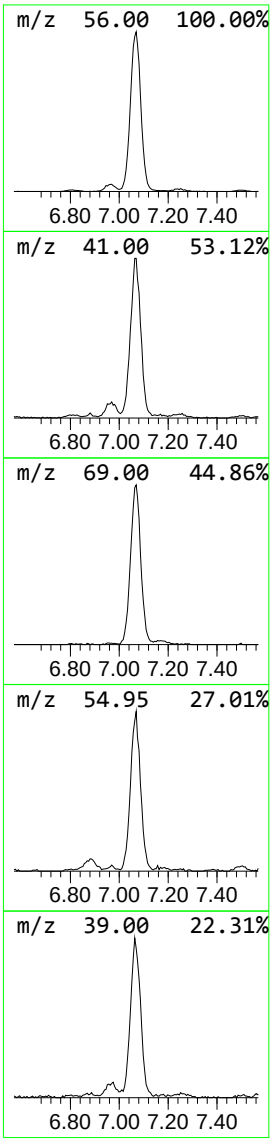
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.069	19.94 ug/l	1038110	Pentafluorobenzene	8.016

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	64
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	56
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

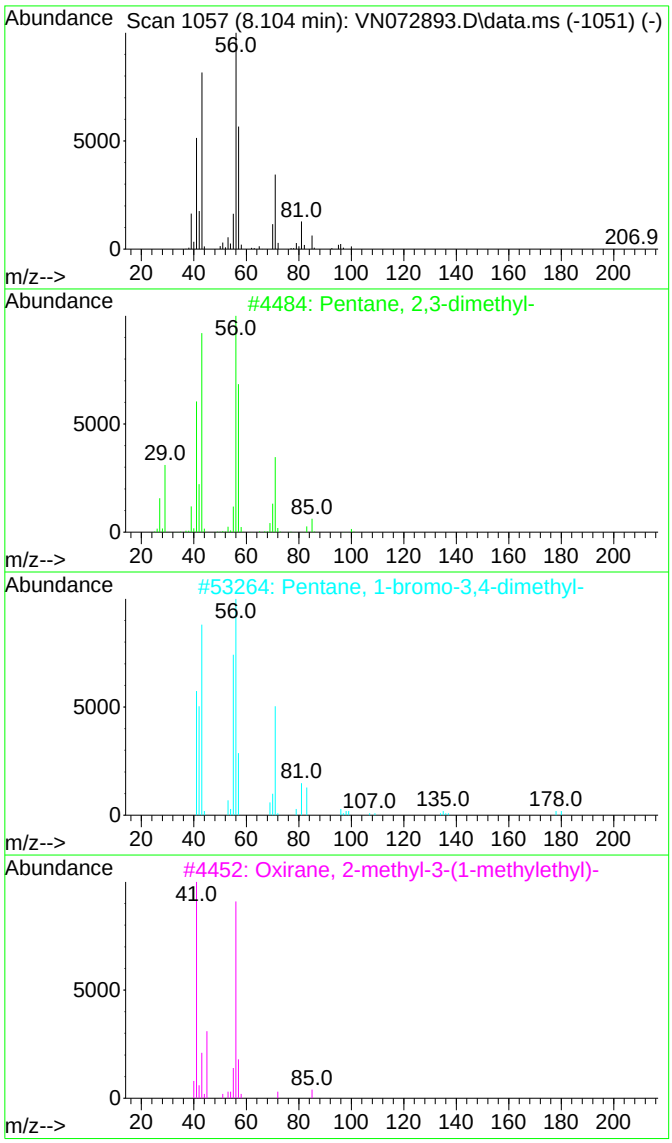
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

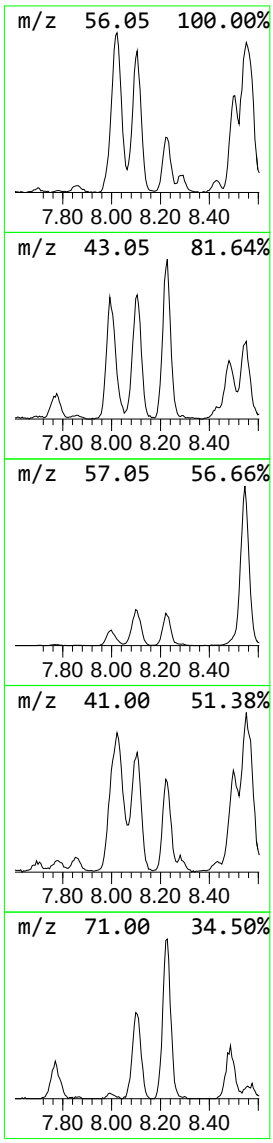
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.104	11.04 ug/l	574756	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
2	Pentane, 1-bromo-3,4-dimethyl-	178	C7H15Br	006570-92-9	50
3	Oxirane, 2-methyl-3-(1-methyleth...	100	C6H12O	001192-31-0	43
4	4-Penten-2-ol, 4-methyl-	100	C6H12O	002004-67-3	43
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

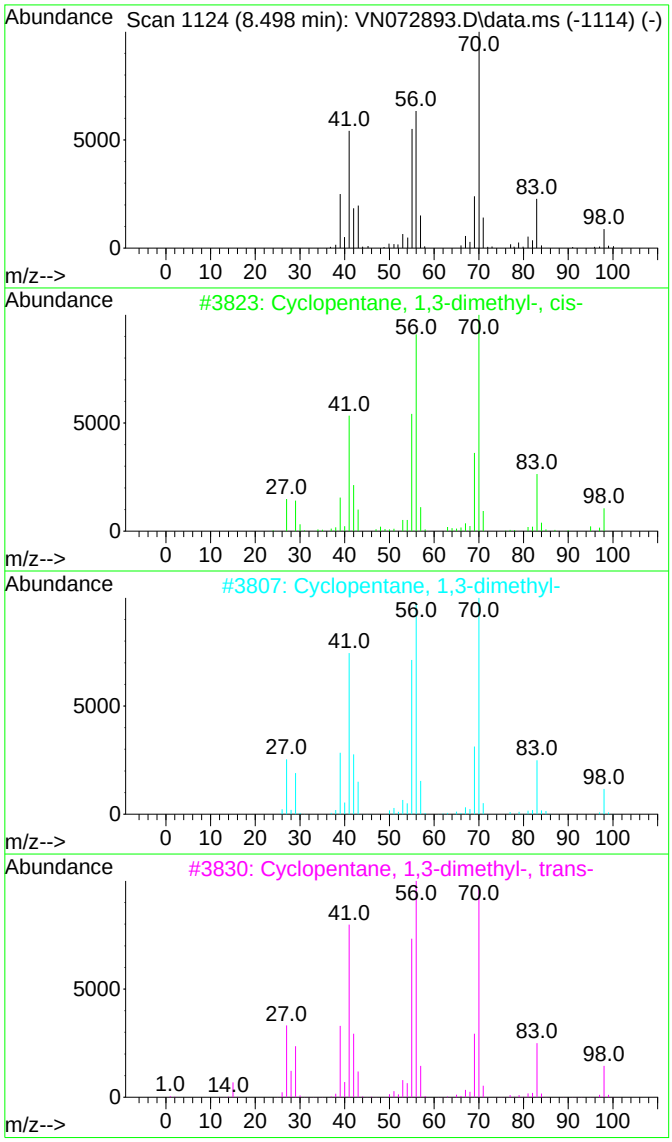
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

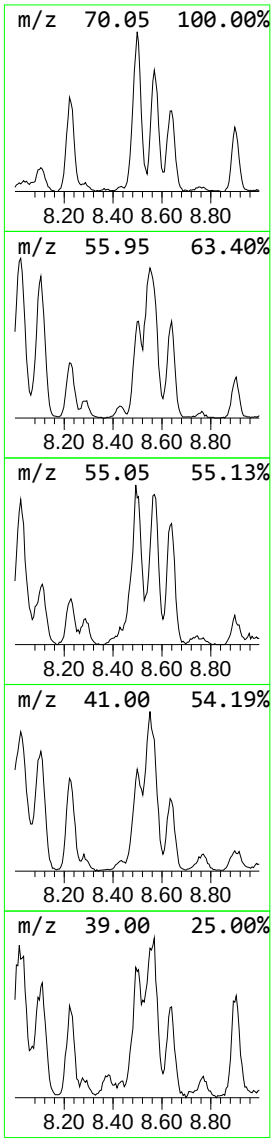
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, 1,3-dimethyl-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.498	11.63 ug/l	592447	1,4-Difluorobenzene	8.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	70
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	70
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

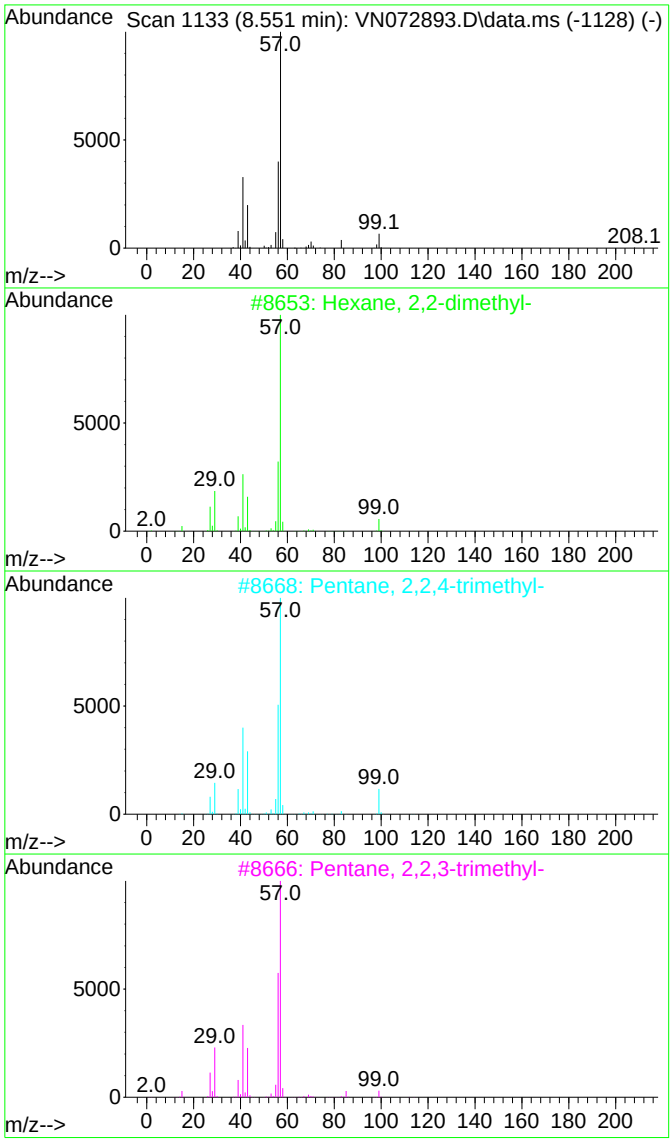
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

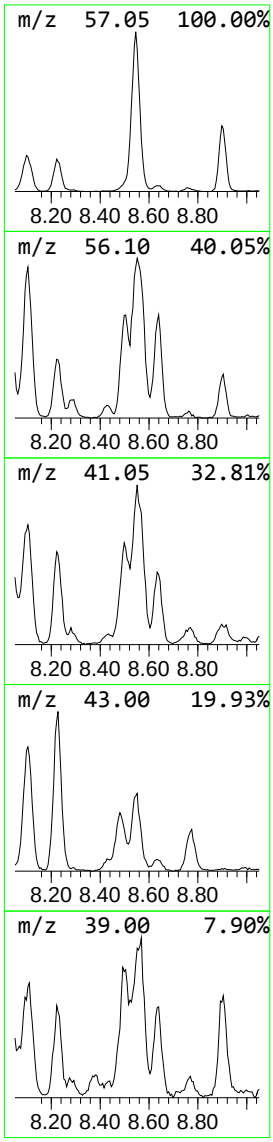
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexane, 2,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.551	17.10 ug/l	871043	1,4-Difluorobenzene	8.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	64
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

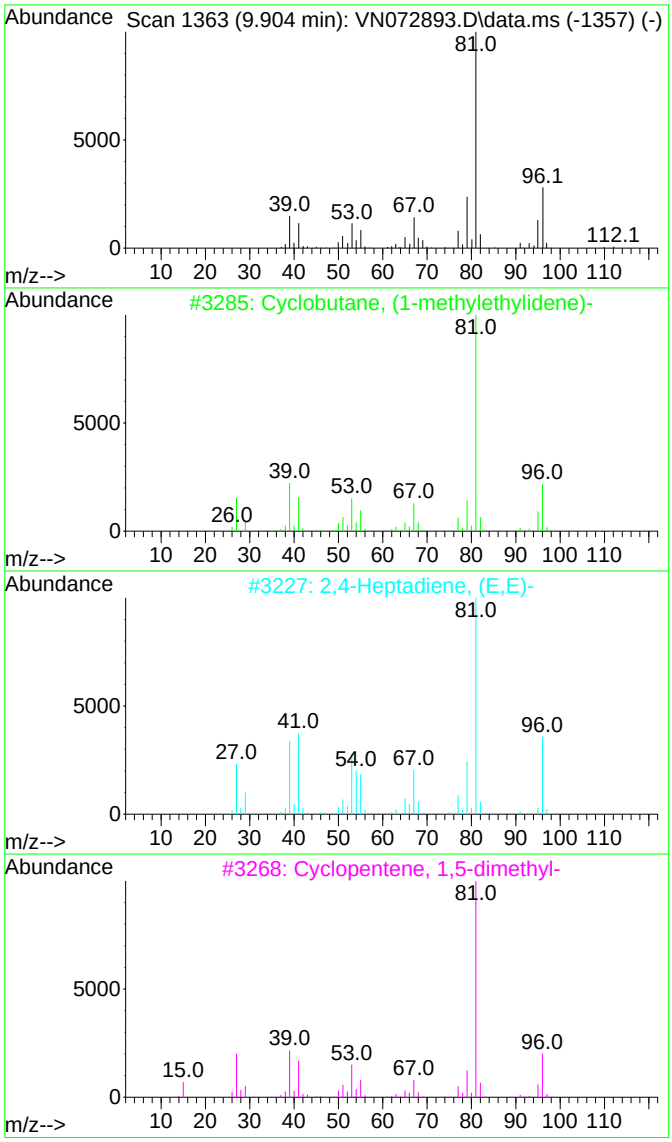
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

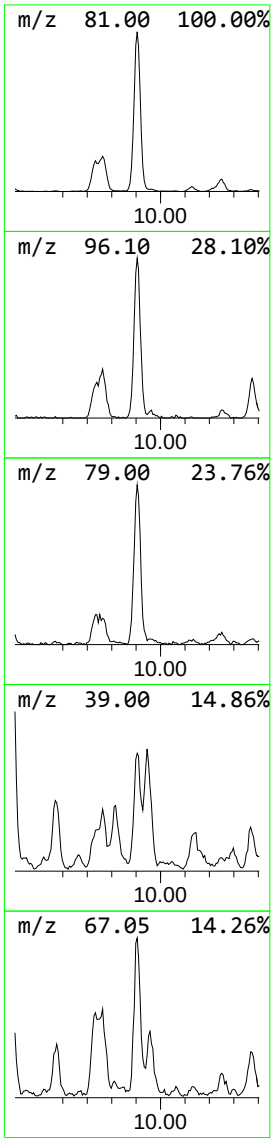
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclobutane, (1-methylethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.904	11.64 ug/l	592836	1,4-Difluorobenzene	8.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	87
2	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	83
3	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	74
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	72
5	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

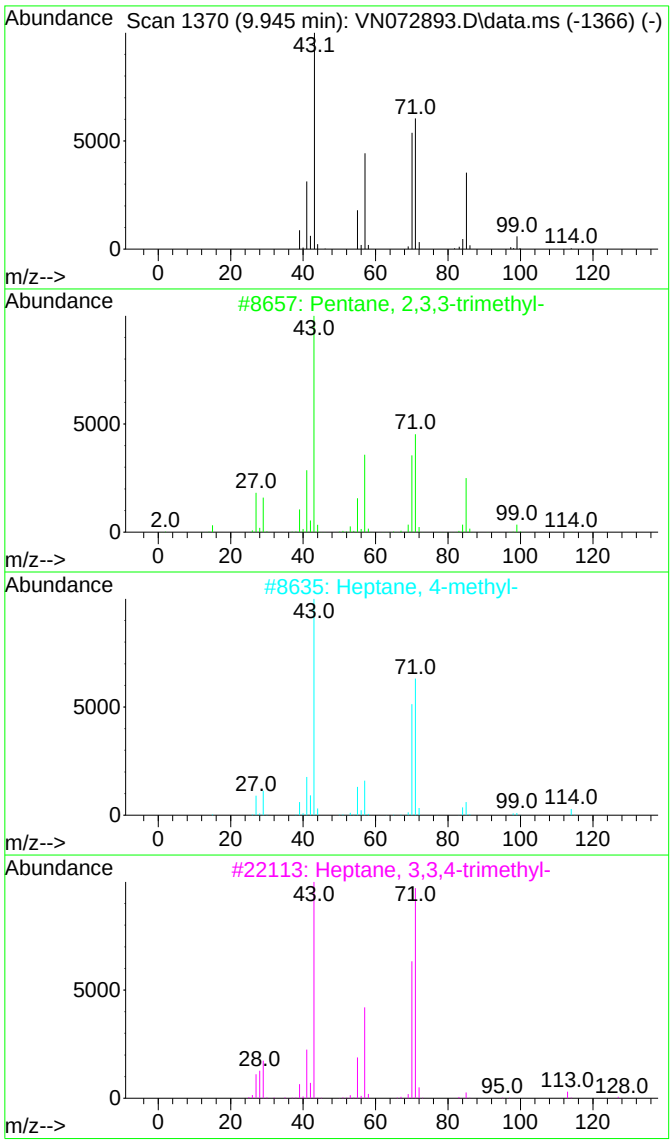
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

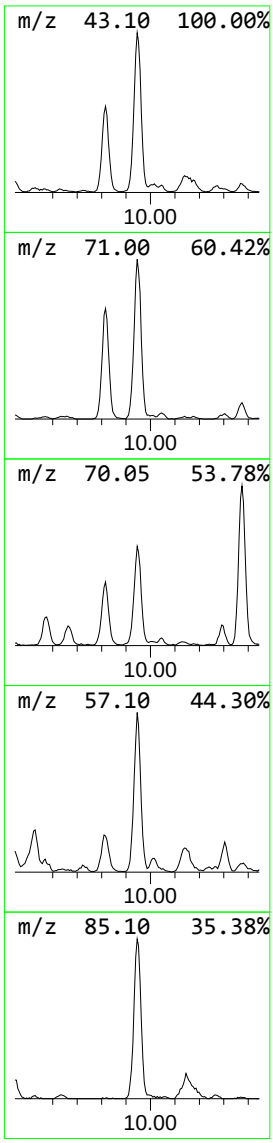
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentane, 2,3,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.945	17.55 ug/l	893877	1,4-Difluorobenzene	8.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	59
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

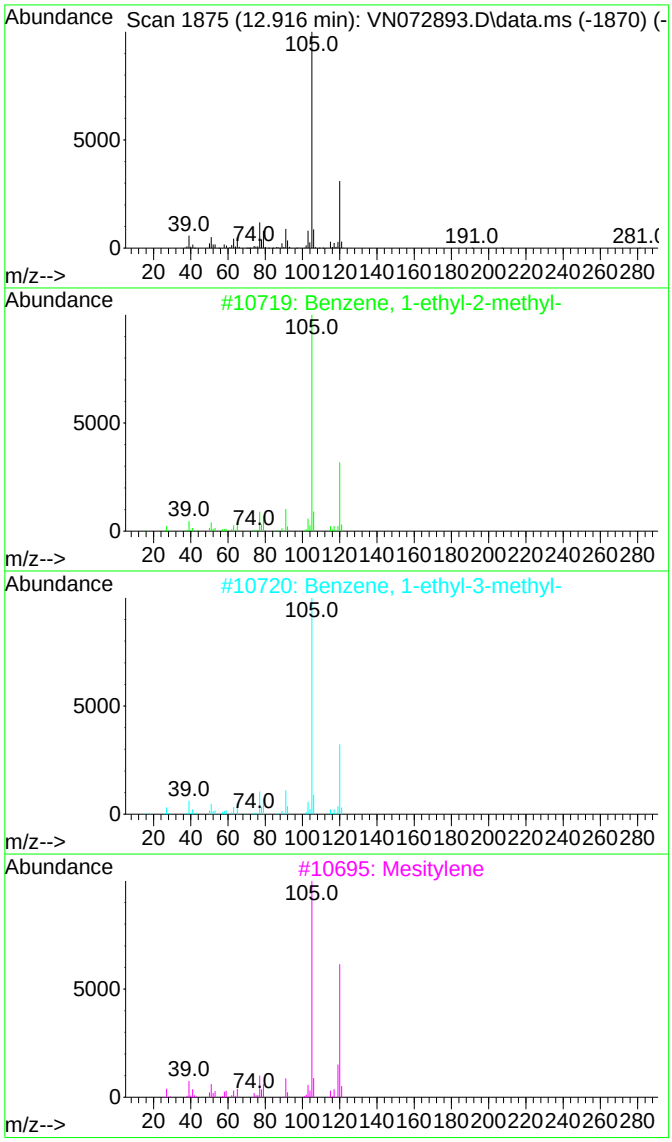
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

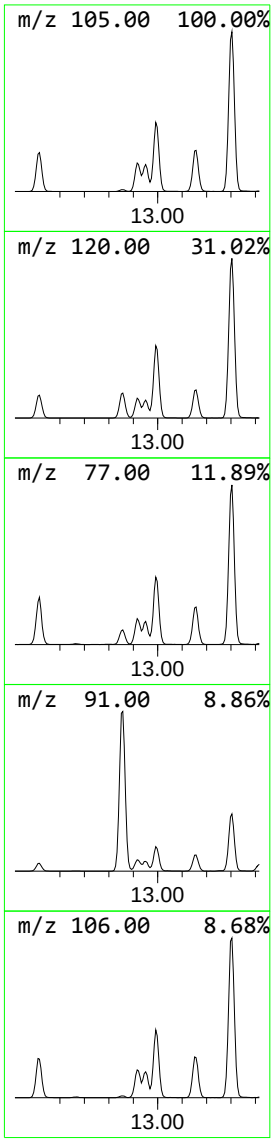
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.916	12.23 ug/l	2319220	1,4-Dichlorobenzene-d4	13.610

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-3-methyl-	120	C9H12	000620-14-4	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

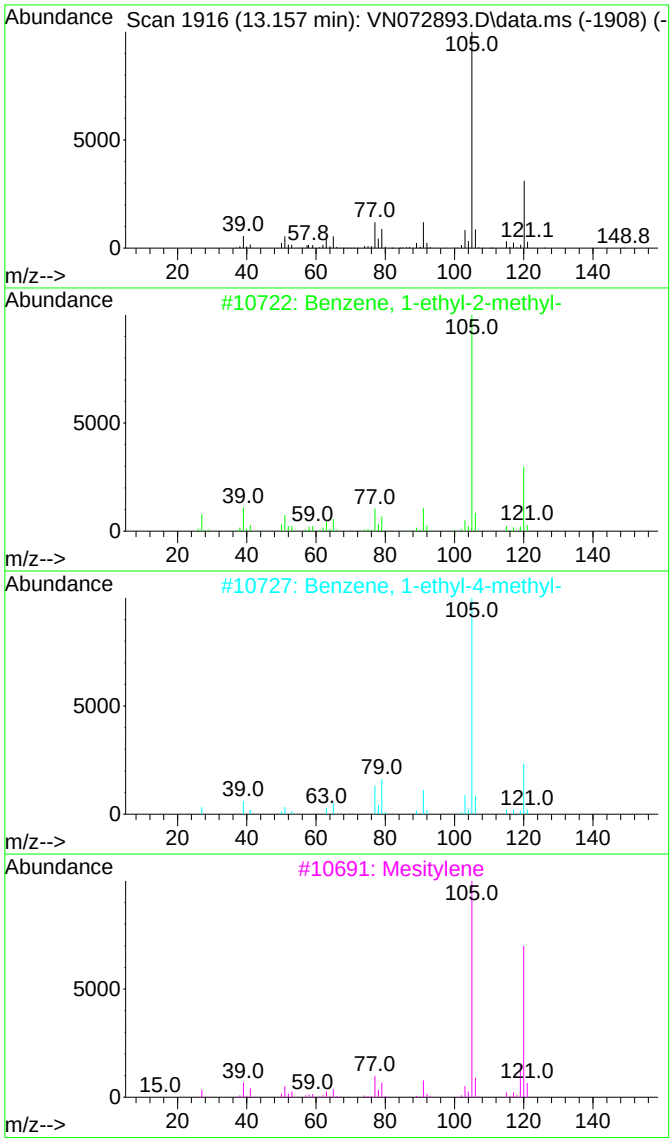
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

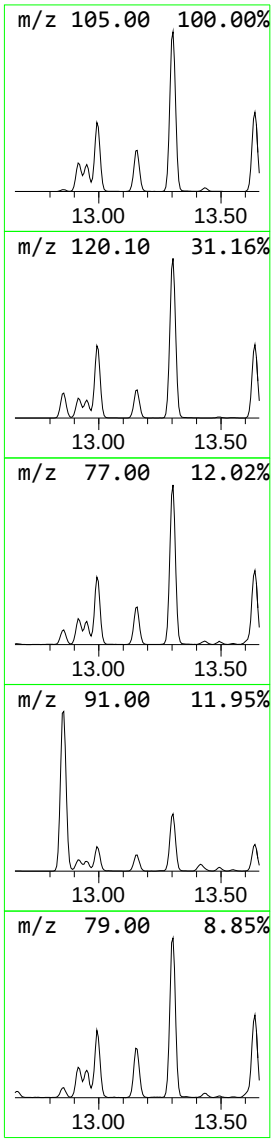
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	18.05 ug/l	3421130	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

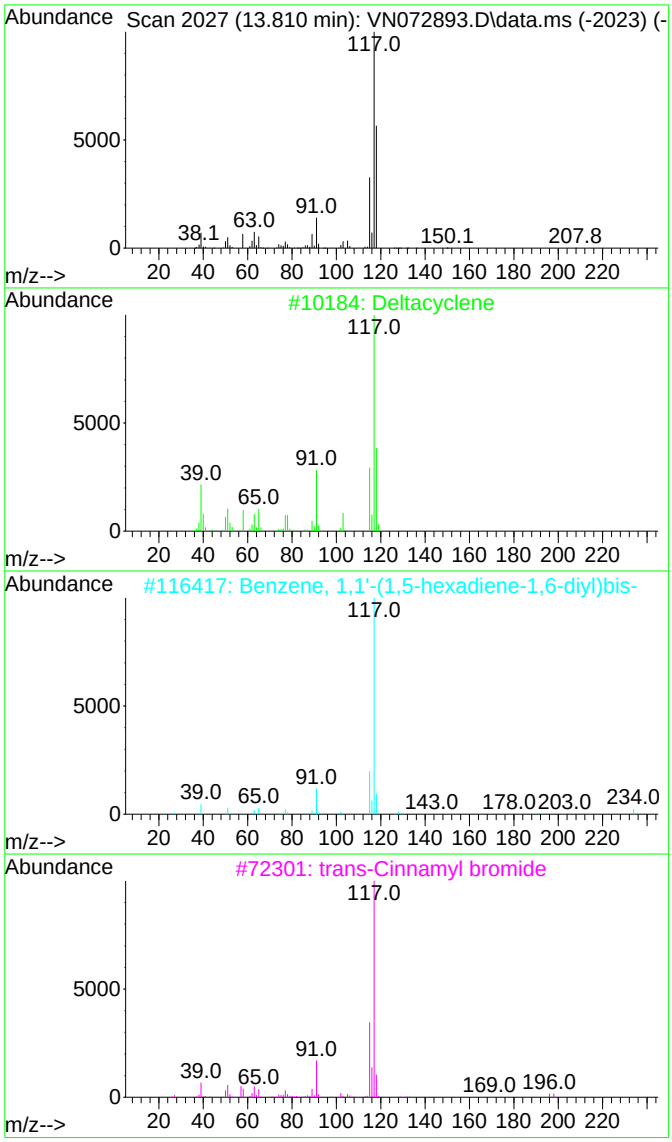
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

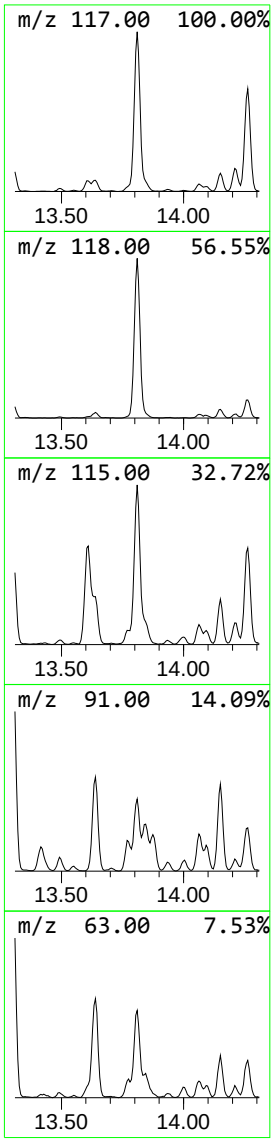
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	21.43 ug/l	4063200	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	64
2	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
4	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	53
5	Indole	117	C8H7N	000120-72-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

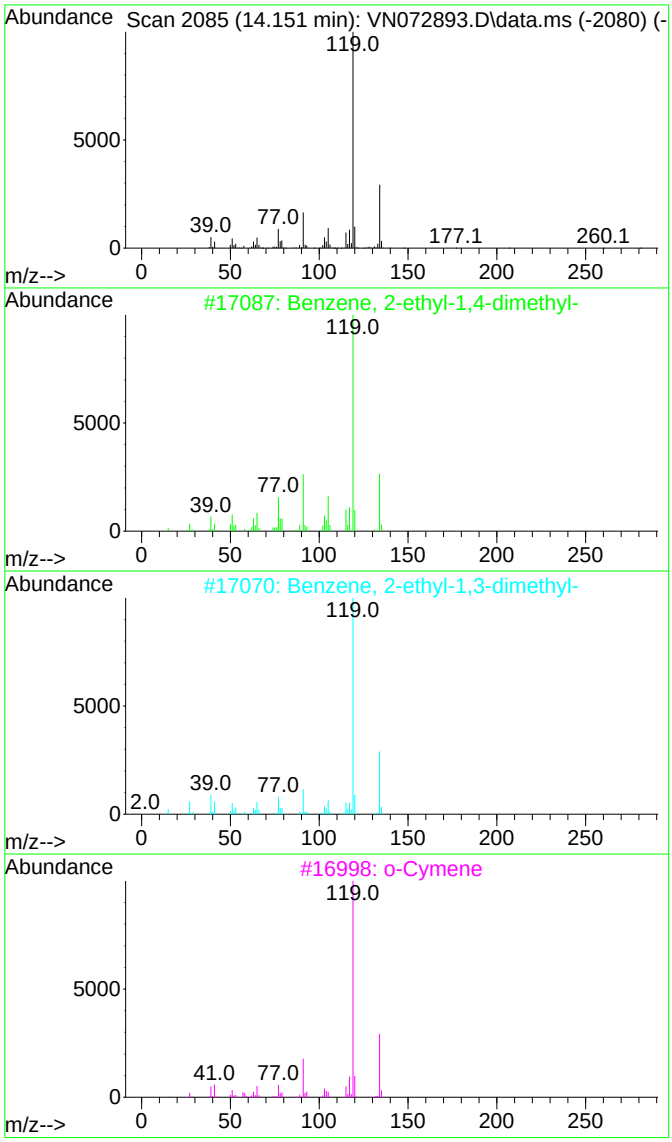
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

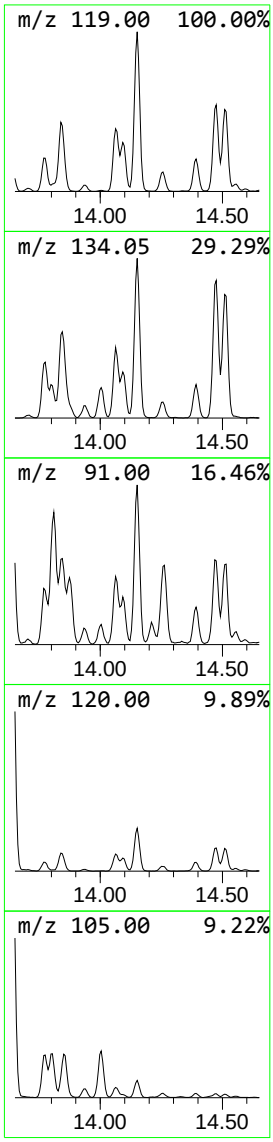
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.151	18.85 ug/l	3573040	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

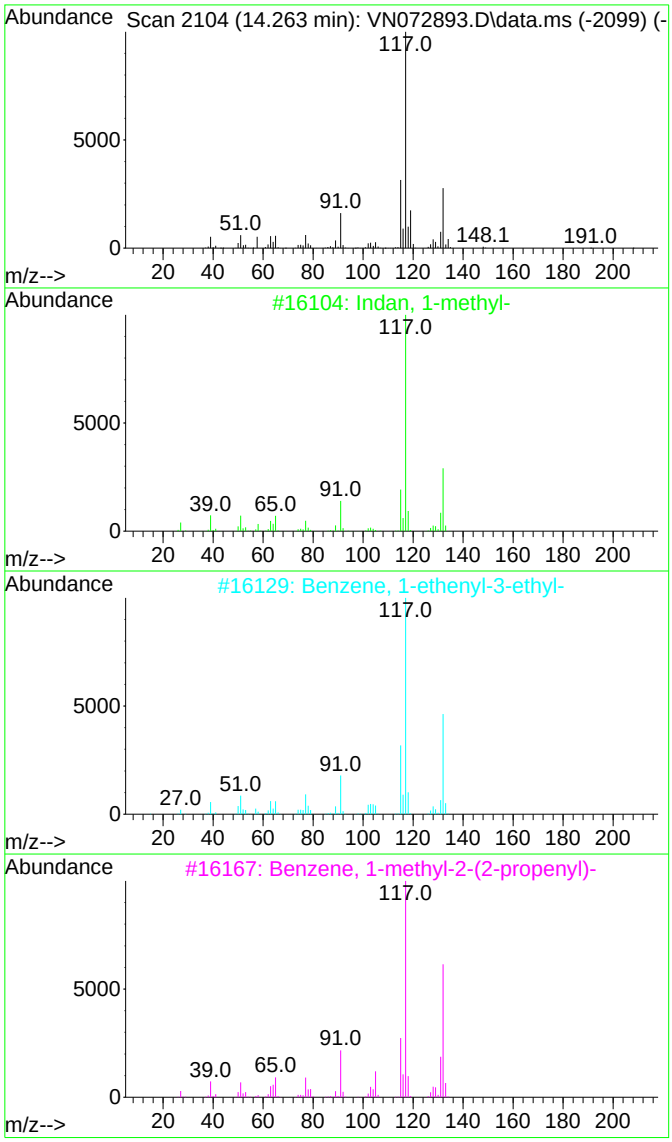
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

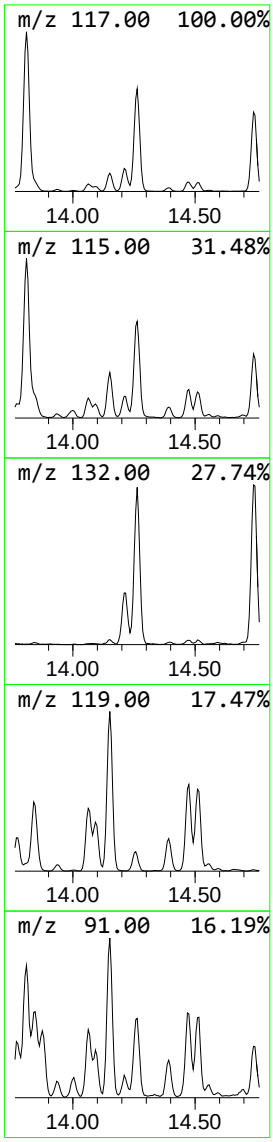
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	12.34 ug/l	2339660	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

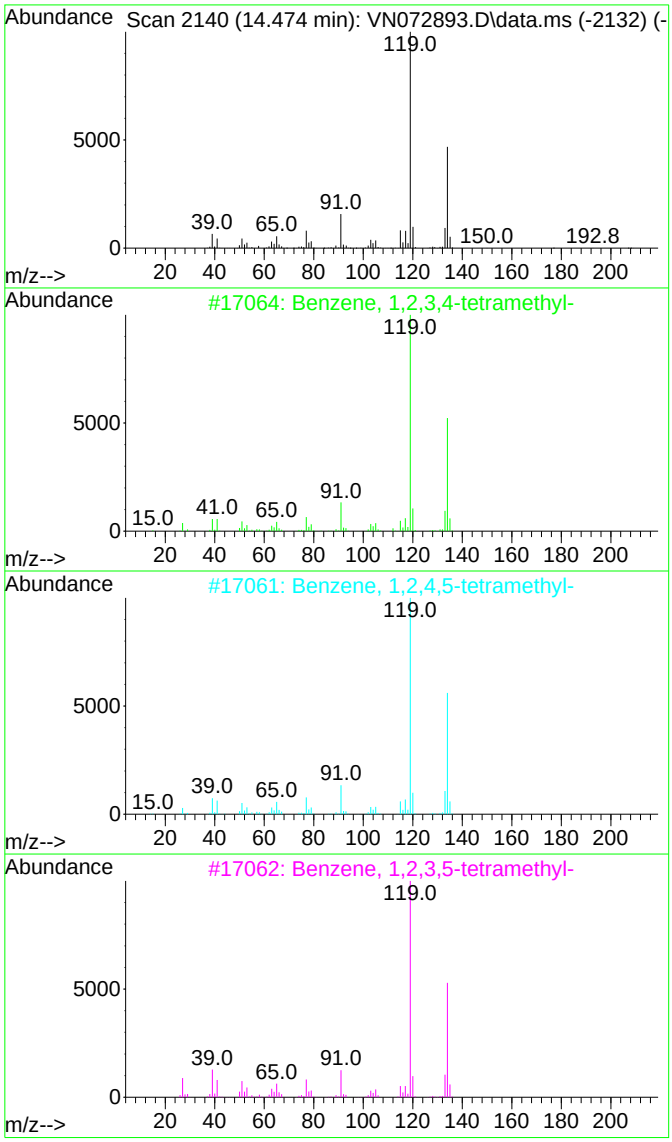
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

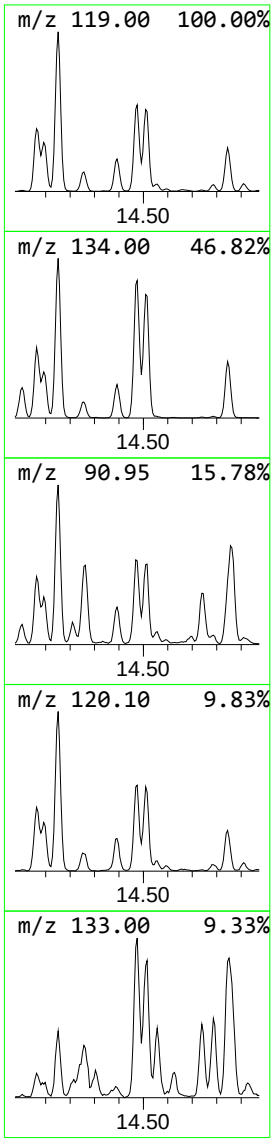
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.474	12.28 ug/l	2328350	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

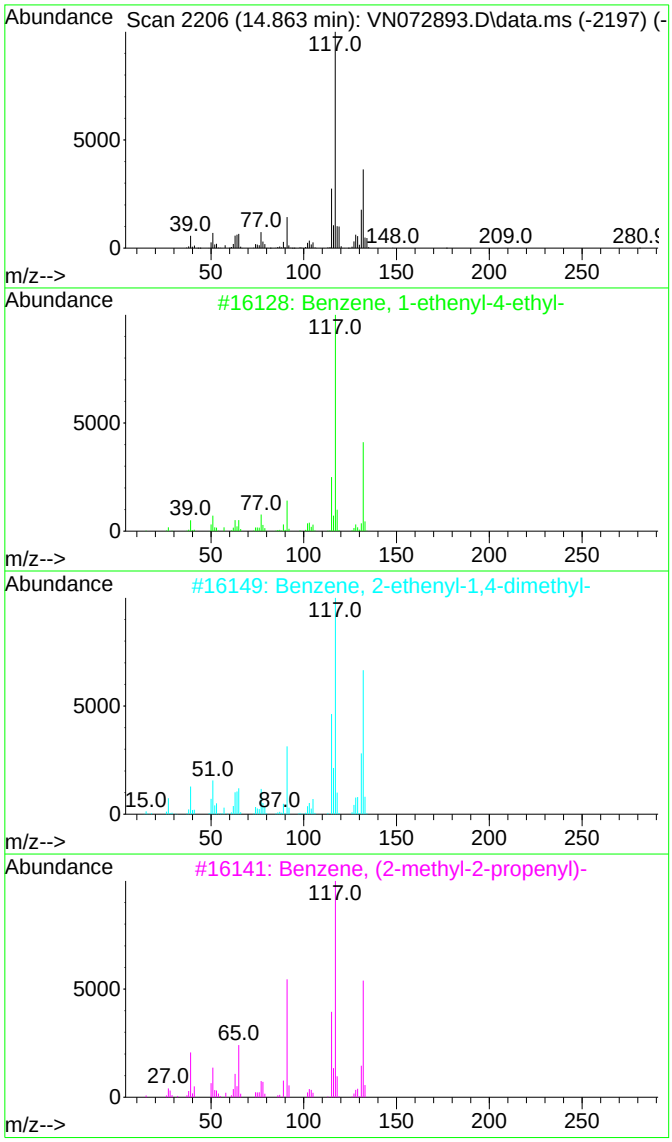
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

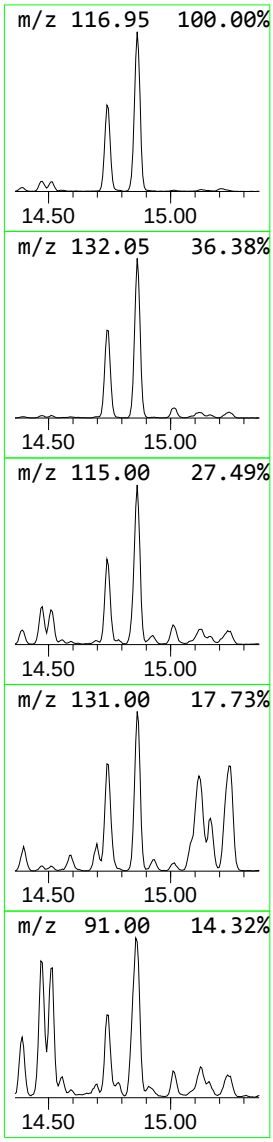
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.863	22.26 ug/l	4220040	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072893.D
Acq On : 16 Jun 2022 21:14
Operator : JC\MD
Sample : N3202-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.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-methyl-	5.063	10.4	ug/l	542601	1	8.016	2603720	50.0
Pentane, 3-methyl-	5.534	11.2	ug/l	582797	1	8.016	2603720	50.0
Cyclopentane, m...	7.069	19.9	ug/l	1038110	1	8.016	2603720	50.0
Pentane, 2,3-di...	8.104	11.0	ug/l	574756	1	8.016	2603720	50.0
Cyclopentane, 1...	8.498	11.6	ug/l	592447	2	8.898	2547210	50.0
Hexane, 2,2-dim...	8.551	17.1	ug/l	871043	2	8.898	2547210	50.0
Cyclobutane, (1...	9.904	11.6	ug/l	592836	2	8.898	2547210	50.0
Pentane, 2,3,3-...	9.945	17.6	ug/l	893877	2	8.898	2547210	50.0
Benzene, 1-ethy...	12.916	12.2	ug/l	2319220	4	13.610	9479180	50.0
Benzene, 1-ethy...	13.157	18.1	ug/l	3421130	4	13.610	9479180	50.0
Benzene, 1,1'-(...	13.810	21.4	ug/l	4063200	4	13.610	9479180	50.0
Benzene, 2-ethy...	14.151	18.9	ug/l	3573040	4	13.610	9479180	50.0
Indan, 1-methyl-	14.263	12.3	ug/l	2339660	4	13.610	9479180	50.0
Benzene, 1,2,3,...	14.474	12.3	ug/l	2328350	4	13.610	9479180	50.0
Benzene, 1-ethe...	14.863	22.3	ug/l	4220040	4	13.610	9479180	50.0