LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

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_X\Method\82X061822W.M
Title : SW846 8260

Signal : TIC: VX029648.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.270	26	30	43	rBV	42413	128842	9.00%	0.803%
2	2.343	199	206	211	rBV	28108	53997	3.77%	0.336%
3	2.556	230	241	256	rBV2	10643	34788	2.43%	0.217%
4	2.782	268	278	290	rBV	90939	222968	15.58%	1.389%
5	2.971	300	309	317	rBV	10972	28144	1.97%	0.175%
6	3.111	323	332	343	rVB3	27862	72825	5.09%	0.454%
7	4.215	497	513	522	rVV4	16510	54625	3.82%	0.340%
8	4.446	537	551	563	rVB7	6681	28065	1.96%	0.175%
9	5.129	651	663	685	rVB7	14646	68584	4.79%	0.427%
10	5.391	693	706	717	rBV	149069	440004	30.75%	2.742%
11	5.556	717	733	741	rBV	274351	809080	56.53%	5.041%
12	5.830	767	778	790	rBV5	22914	75688	5.29%	0.472%
13	5.958	790	799	810	rBV	156924	408032	28.51%	2.542%
14	6.166	826	833	837	rBV2	14242	36446	2.55%	0.227%
15	6.251	837	847	857	rVV	134082	419567	29.32%	2.614%
16	6.361	857	865	877	rVB2	34694	97260	6.80%	0.606%
17	6.763	920	931	941	rBV	417000	1003366	70.11%	6.252%
18	6.848	941	945	958	rVB4	21880	56673	3.96%	0.353%
19	6.976	958	966	974	rBV3	15997	39034	2.73%	0.243%
20	7.178	993	999	1005	rVB3	26243	55882	3.90%	0.348%
21	7.361	1020	1029	1041	rVB3	60211	150282	10.50%	0.936%
22	7.501	1043	1052	1057	rBV3	11249	23856	1.67%	0.149%
23	7.562	1057	1062	1065	rBV3	13044	25392	1.77%	0.158%
24	7.604	1065	1069	1075	rVB2	19206	38458	2.69%	0.240%
25	7.775	1091	1097	1105	rVB	31637	66845	4.67%	0.417%
26	7.879	1105	1114	1115	rBV3	9616	17774	1.24%	0.111%
27	7.988	1123	1132	1143	rVB	164838	339443	23.72%	2.115%
28	8.110	1143	1152	1162	rBV2	324980	719551	50.28%	4.484%
29	8.196	1162	1166	1175	rVV5	25831	60020	4.19%	0.374%
30	8.312	1178	1185	1194	rVV6	22936	57080	3.99%	0.356%
31	8.507	1208	1217	1226	rVB6	29380	74320	5.19%	0.463%
32	8.653	1226	1241	1251	rBV	845839	1431120	100.00%	8.917%
33	8.775	1257	1261	1265	rVB3	13088	19133	1.34%	0.119%
34	8.927	1278	1286	1290	rBV2	43330	69146	4.83%	0.431%
35	8.976	1290	1294	1299	rVB4	24322	44735	3.13%	0.279%
36	9.037	1299	1304	1307	rBV5	12548	21778	1.52%	0.136%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-55

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_X\Method\82X061822W.M
Title : SW846 8260

37	9.104	1307	1315	1320	rVB3	31890	62341	4.36%	0.388%
38	9.165	1320	1325	1330	rBV	123481	192582	13.46%	1.200%
39	9.433	1364	1369	1371	rVV	26508	41531	2.90%	0.259%
40	9.458	1371	1373	1376	rVV2	25103	35740	2.50%	0.223%
41	9.506	1376	1381	1387	rVV3	35027	74545	5.21%	0.464%
42	9.604	1394	1397	1403	rVV2	30160	48363	3.38%	0.301%
43	9.659	1403	1406	1416	rVB3	17390	34827	2.43%	0.217%
44	9.763	1416	1423	1430	rBV2	30245	52299	3.65%	0.326%
45	9.860	1430	1439	1446	rBV6	11916	32835	2.29%	0.205%
46	10.055	1466	1471	1476	rBV	798189	1069481	74.73%	6.664%
47	10.281	1503	1508	1509	rBV2	16320	22046	1.54%	0.137%
48	10.305	1509	1512	1517	rVB2	23898	37205	2.60%	0.232%
49	10.592	1549	1559	1565	rBV4	15219	36150	2.53%	0.225%
50	10.781	1581	1590	1592	rBV8	10226	21576	1.51%	0.134%
51	10.964	1615	1620	1627	rBV	47879	75678	5.29%	0.472%
52	11.079	1635	1639	1645	rBV	588233	772437	53.97%	4.813%
53	11.171	1650	1654	1660	rVB3	28579	45801	3.20%	0.285%
54	11.305	1673	1676	1685	rVB	54692	73900	5.16%	0.460%
55	11.396	1685	1691	1695	rBV5	10548	19641	1.37%	0.122%
56	11.616	1720	1727	1734	rBV2	12221	21527	1.50%	0.134%
57	11.713	1736	1743	1747	rBV2	15733	24217	1.69%	0.151%
58	11.866	1763	1768	1771	rBV	158295	214075	14.96%	1.334%
59	11.890	1771	1772	1778	rVB	82828	70012	4.89%	0.436%
60	12.024	1789	1794	1798	rBV	774630	962431	67.25%	5.997%
61	12.061	1798	1800	1804	rVB	31794	31677	2.21%	0.197%
62	12.177	1815	1819	1823	rBV	28200	35904	2.51%	0.224%
63	12.250	1826	1831	1837	rVB	411839	493556	34.49%	3.075%
64	12.317	1837	1842	1852	rVB2	72045	139734	9.76%	0.871%
65	12.408	1852	1857	1861	rBV	90348	111276	7.78%	0.693%
66	12.469	1861	1867	1873	rVB2	67168	94907	6.63%	0.591%
67	12.530	1873	1877	1883	rVB	26334	32603	2.28%	0.203%
68	12.616	1883	1891	1894	rBV	469077	576020	40.25%	3.589%
69	12.646	1894	1896	1901	rVB	45309	49007	3.42%	0.305%
70	12.701	1901	1905	1912	rBV2	195782	323464	22.60%	2.016%
71	12.762	1912	1915	1920	rVB	29007	34726	2.43%	0.216%
72	12.841	1920	1928	1933	rVB	53692	75452	5.27%	0.470%
73	12.920	1933	1941	1947	rBV	638609	822538	57.48%	5.125%
74	13.030	1954	1959	1966	rVB3	52927	86663	6.06%	0.540%
75	13.097	1966	1970	1972	rBV2	12716	17704	1.24%	0.110%
76	13.140	1973	1977	1979	rBV2	27896	31722	2.22%	0.198%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

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_X\Method\82X061822W.M
Title : SW846 8260

77	13.170	1979	1982	1985	rBV	58477	59572	4.16%	0.371%
78	13.262	1991	1997	1998	rBV3	25018	34418	2.40%	0.214%
79	13.292	1998	2002	2008	rVV2	147412	210067	14.68%	1.309%
80	13.372	2008	2015	2021	rVB2	37506	68276	4.77%	0.425%
81	13.426	2021	2024	2031	rVB2	18776	26439	1.85%	0.165%
82	13.506	2031	2037	2040	rBV3	22448	46217	3.23%	0.288%
83	13.542	2040	2043	2046	rVV	86384	118482	8.28%	0.738%
84	13.579	2046	2049	2053	rVV2	132176	175870	12.29%	1.096%
85	13.640	2053	2059	2061	rVV2	82151	140912	9.85%	0.878%
86	13.664	2061	2063	2072	rVB2	87144	136871	9.56%	0.853%
87	13.798	2081	2085	2090	rVB4	13795	20199	1.41%	0.126%
88	13.853	2090	2094	2099	rVB2	29443	36253	2.53%	0.226%
89	13.926	2099	2106	2110	rBV3	50203	78901	5.51%	0.492%
90	13.969	2110	2113	2117	rVB2	21391	26556	1.86%	0.165%
91	14.073	2126	2130	2135	rBV	41486	56505	3.95%	0.352%
92	14.213	2149	2153	2164	rBV	44153	82855	5.79%	0.516%
93	14.323	2165	2171	2176	rVV	109275	150897	10.54%	0.940%
94	14.371	2176	2179	2184	rVB2	36344	48797	3.41%	0.304%
95	14.481	2192	2197	2201	rBV3	15300	22436	1.57%	0.140%
96	14.792	2243	2248	2256	rBV2	18085	31927	2.23%	0.199%
97	15.115	2296	2301	2306	rBV	90190	123567	8.63%	0.770%
98	15.481	2353	2361	2365	rBV3	10166	17528	1.22%	0.109%
99	15.615	2376	2383	2387	rBV3	16366	25897	1.81%	0.161%
100	15.987	2439	2444	2453	rBV2	10070	18359	1.28%	0.114%

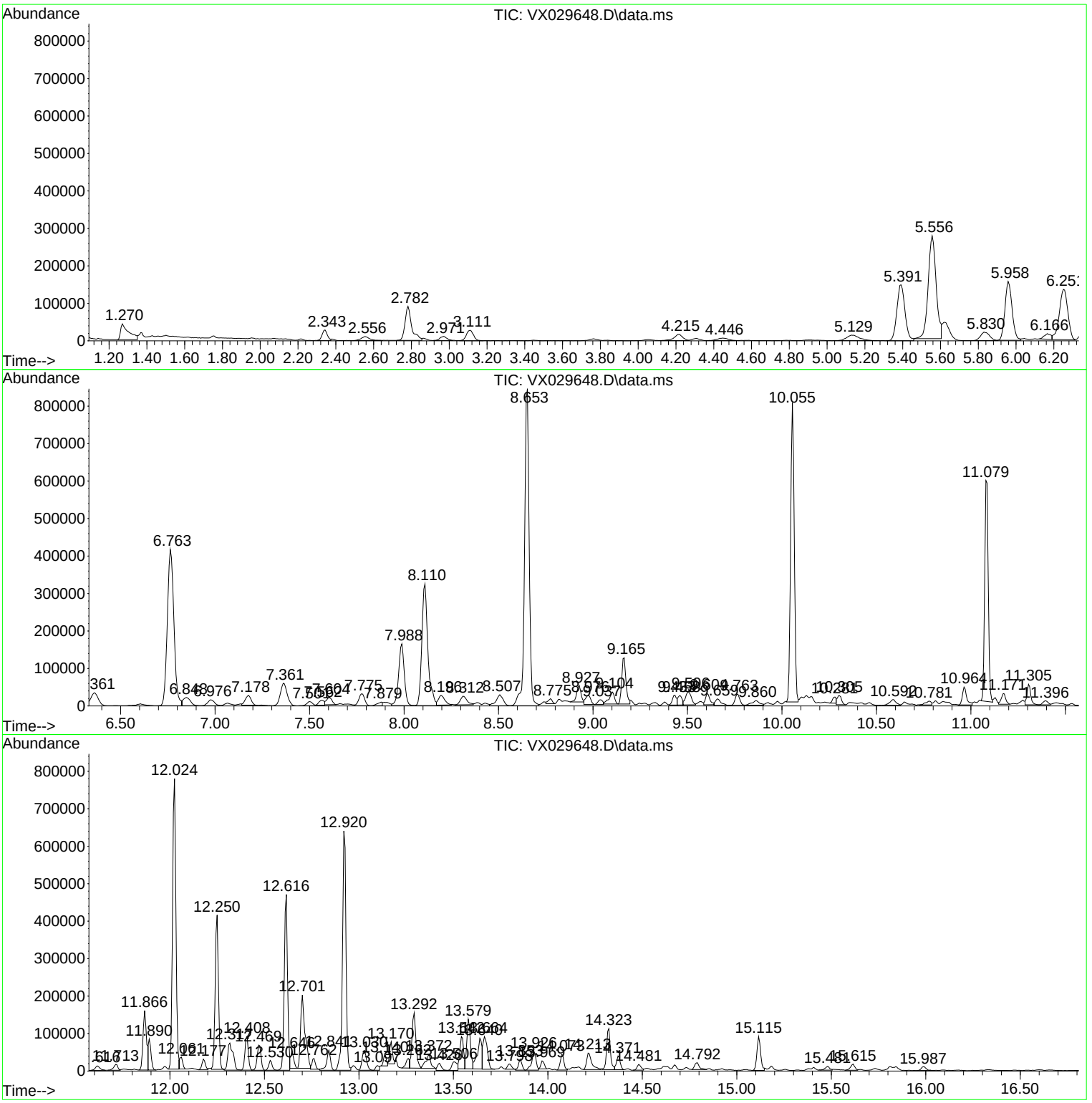
Sum of corrected areas: 16048797

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

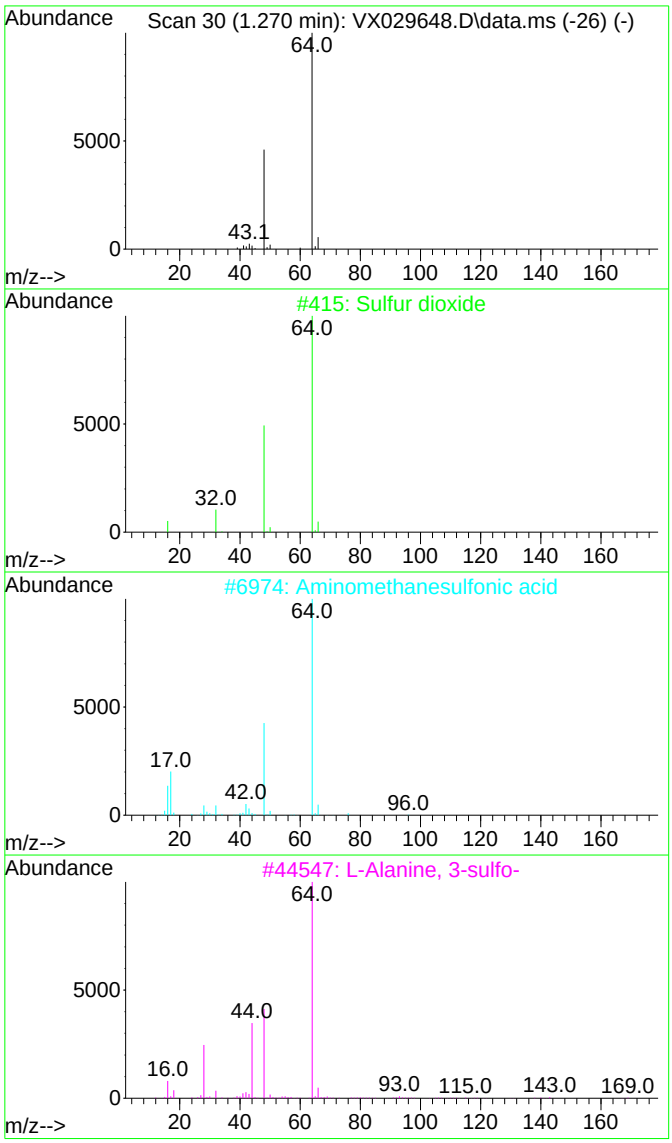
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

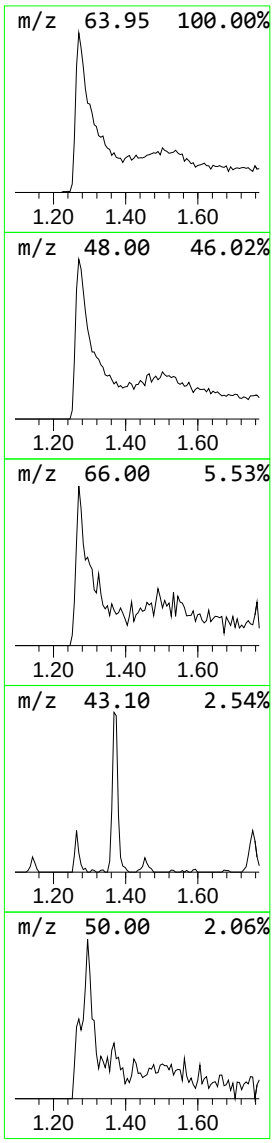
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.270	7.96 ug/l	128842	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	83
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
5	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

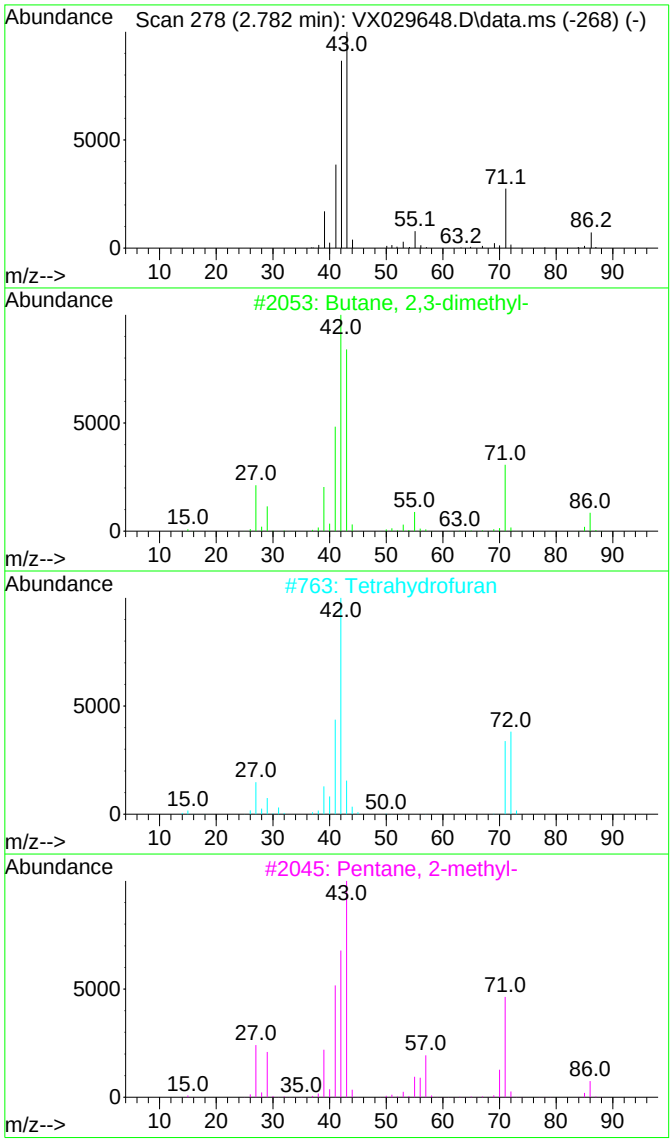
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

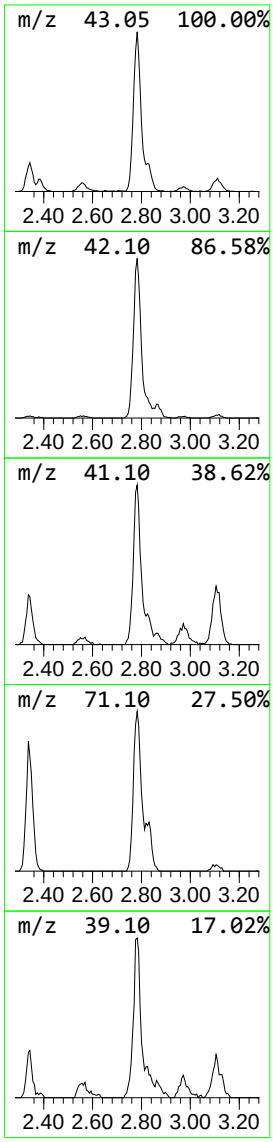
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.782	13.78 ug/l	222968	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Tetrahydrofuran	72	C4H8O	000109-99-9	38
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	38
4	Pentane	72	C5H12	000109-66-0	38
5	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

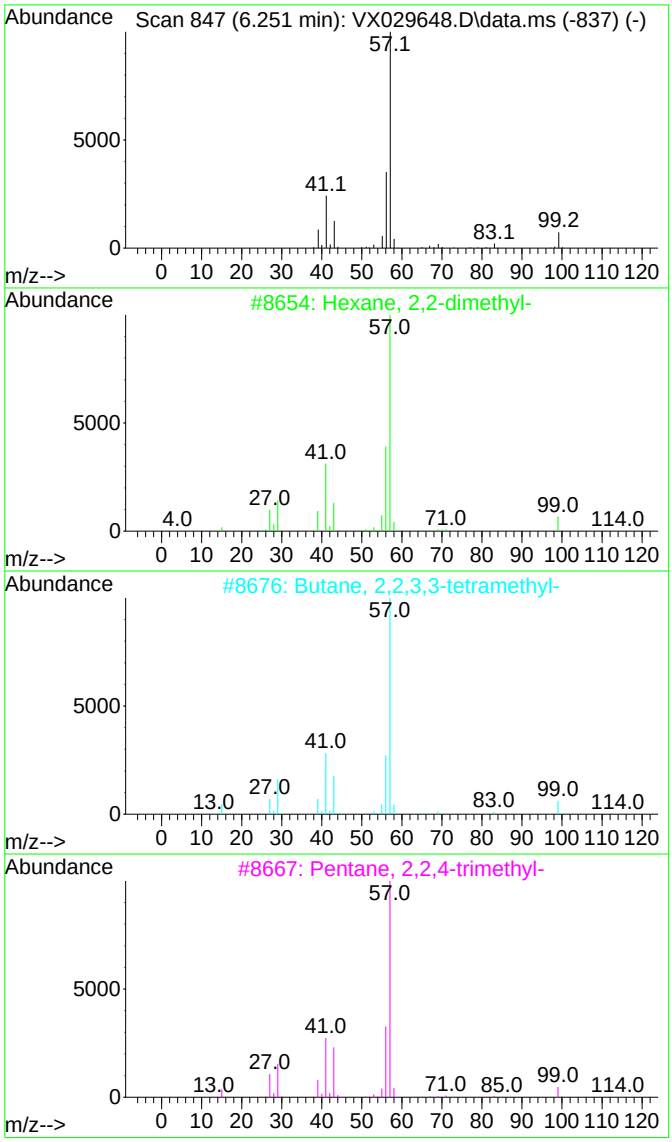
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

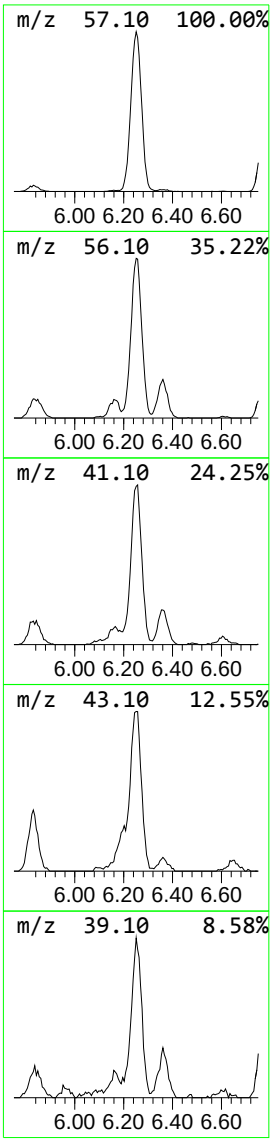
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexane, 2,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.251	20.91 ug/l	419567	1,4-Difluorobenzene	6.763

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	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

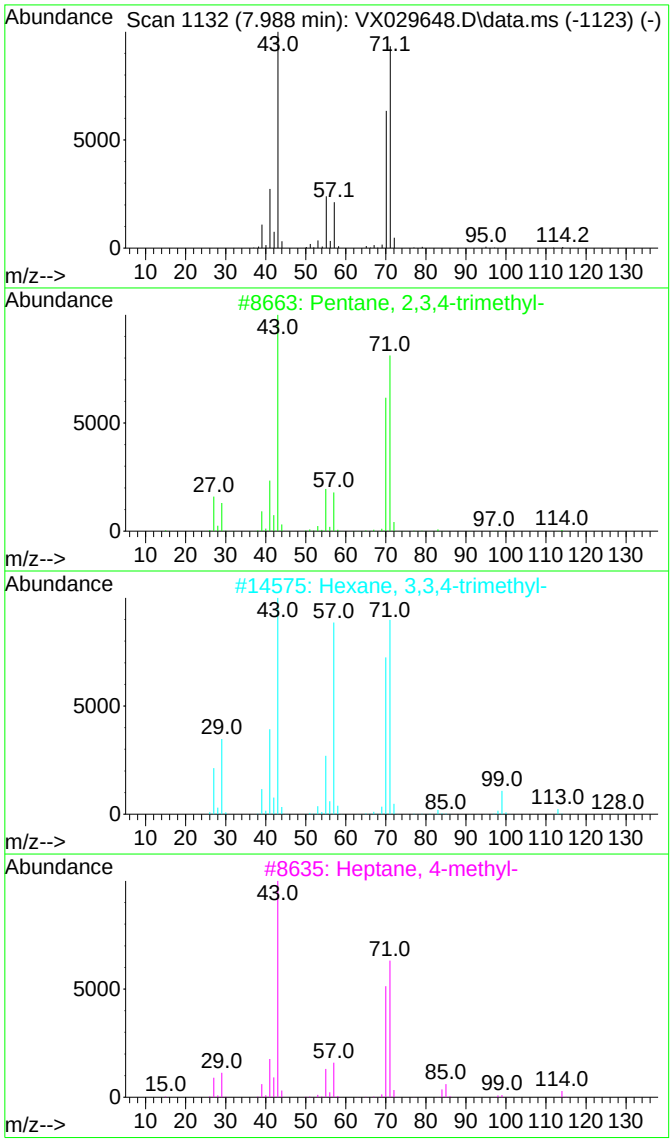
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

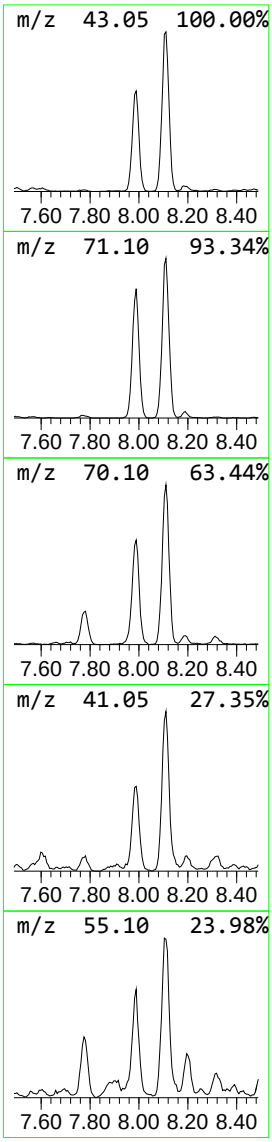
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 2,3,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.988	16.92 ug/l	339443	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

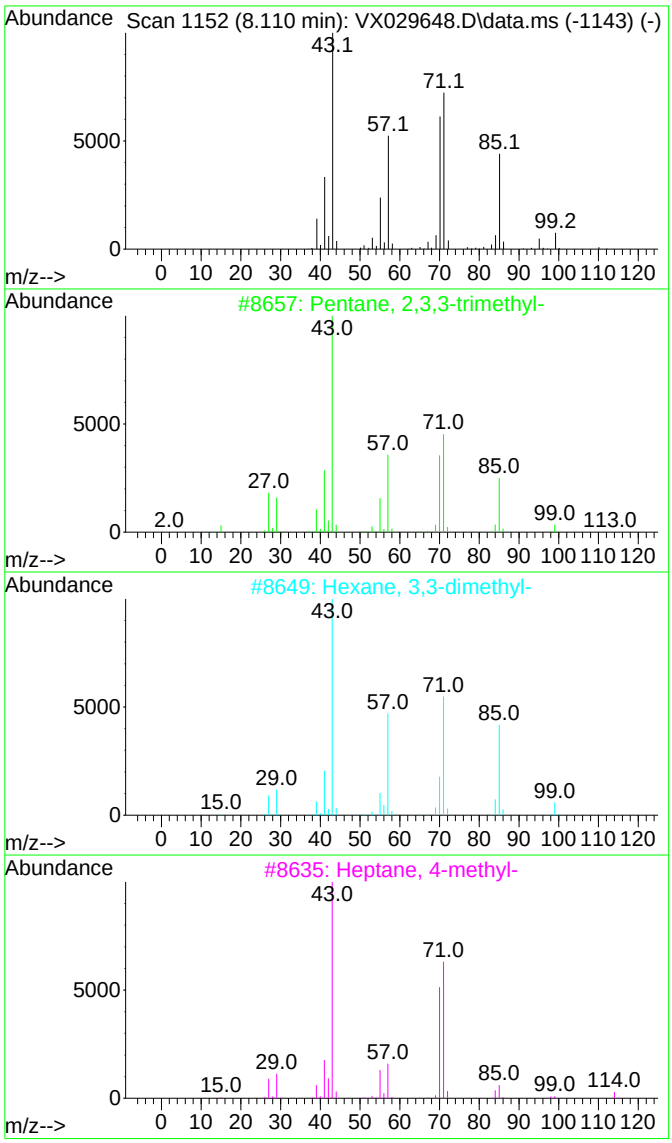
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

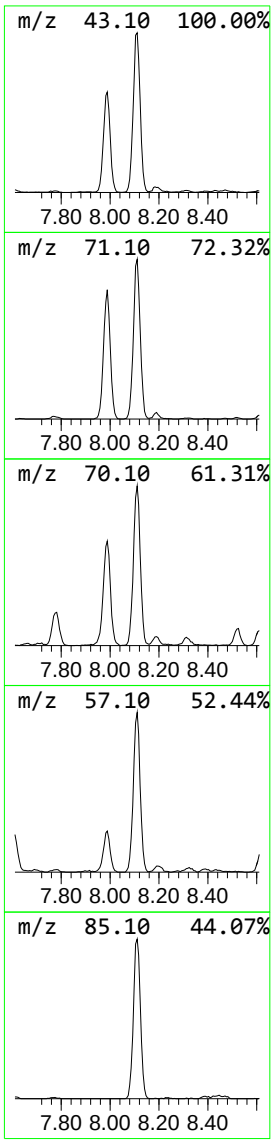
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.110	35.86 ug/l	719551	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	53
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

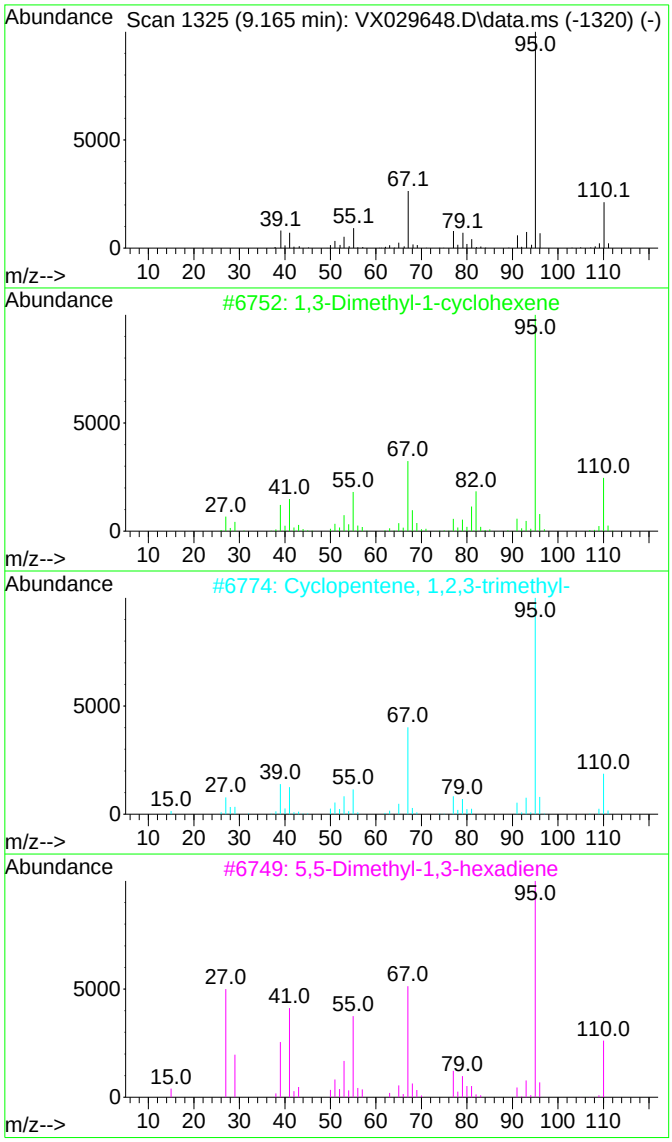
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

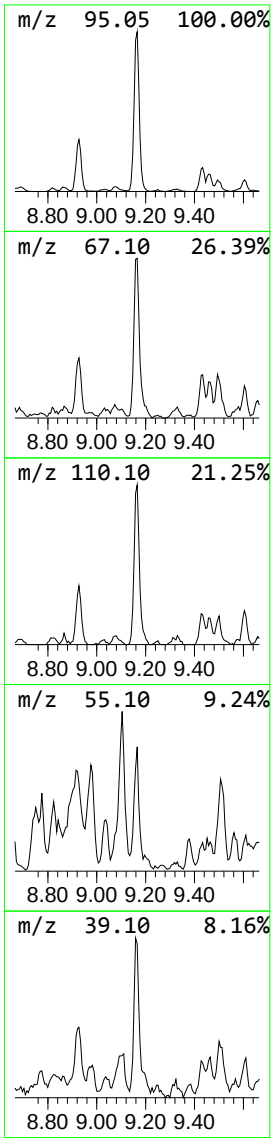
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,3-Dimethyl-1-cyclohexene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.165	9.00 ug/l	192582	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	91
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	91
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	90
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

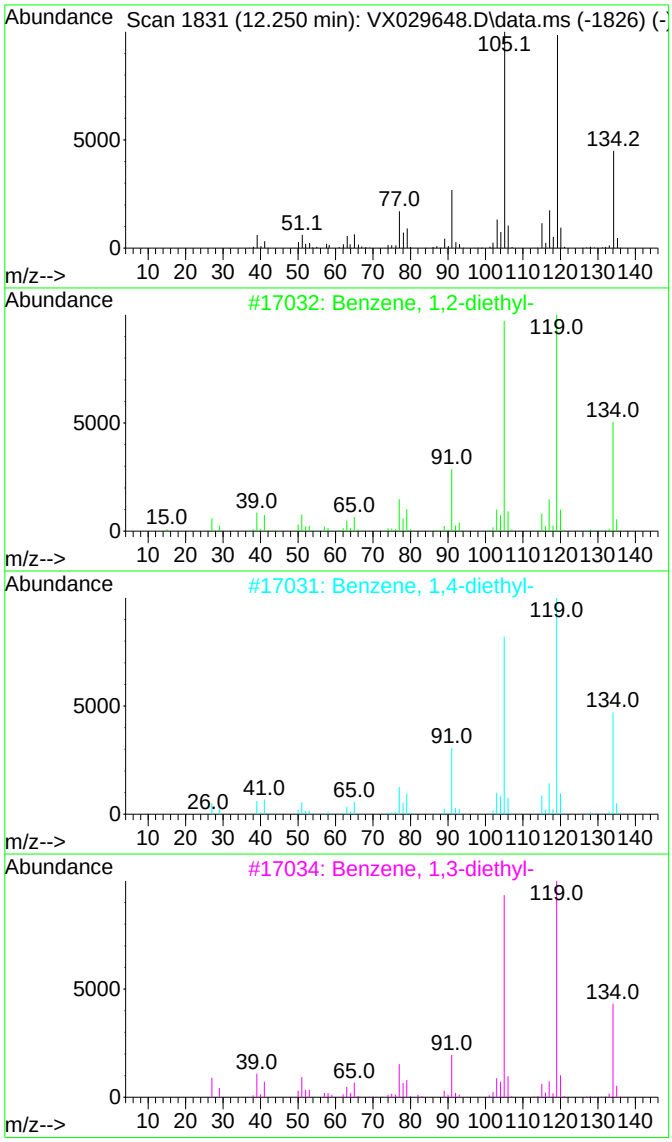
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

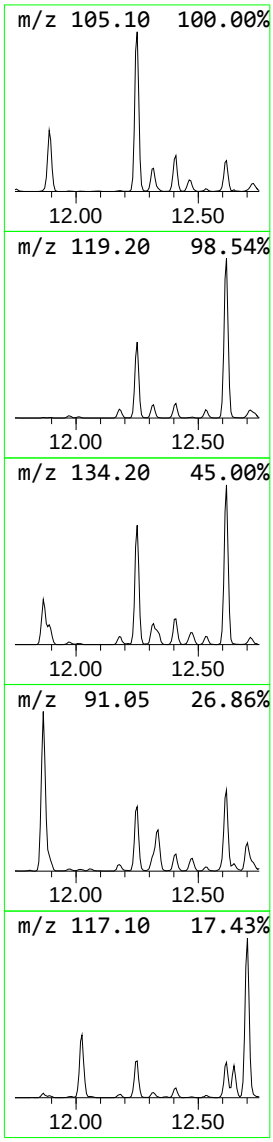
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	25.64 ug/l	493556	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

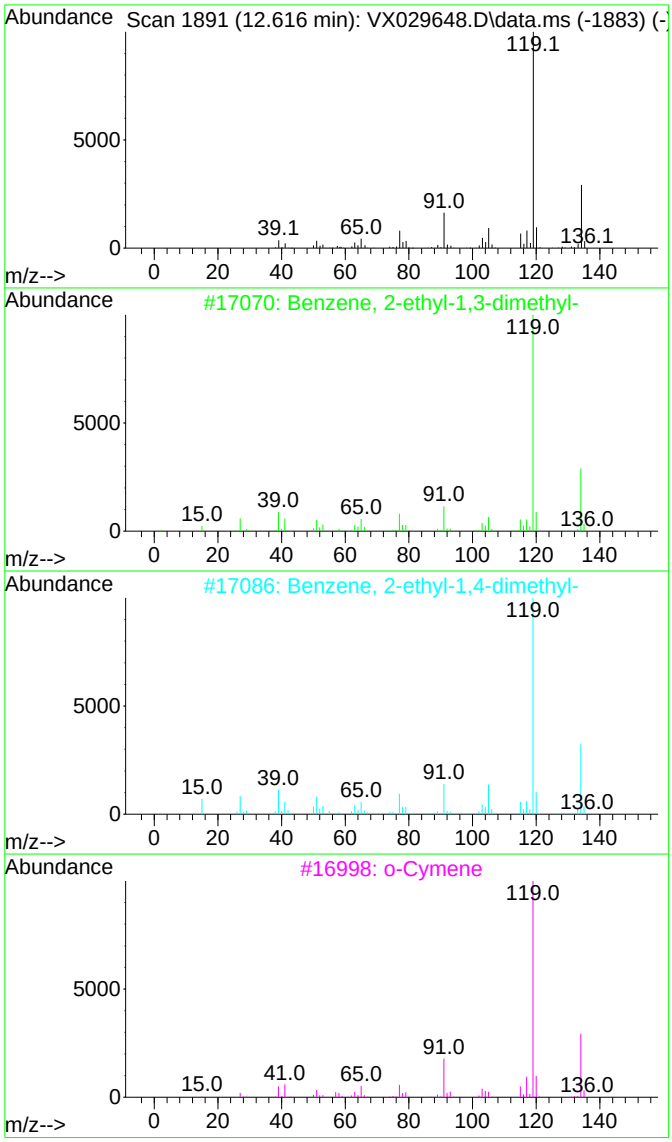
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

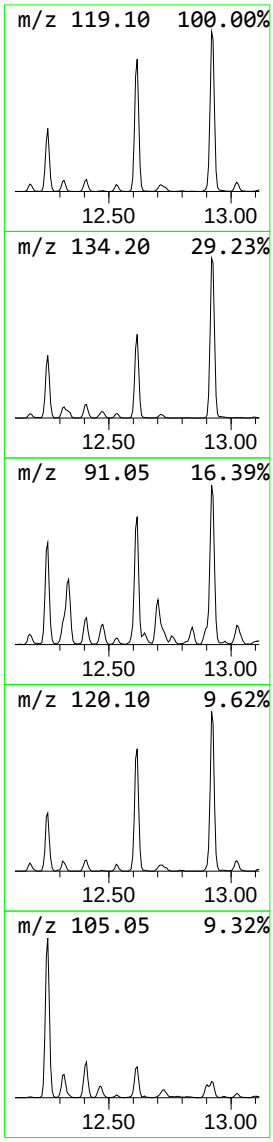
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	29.93 ug/l	576020	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

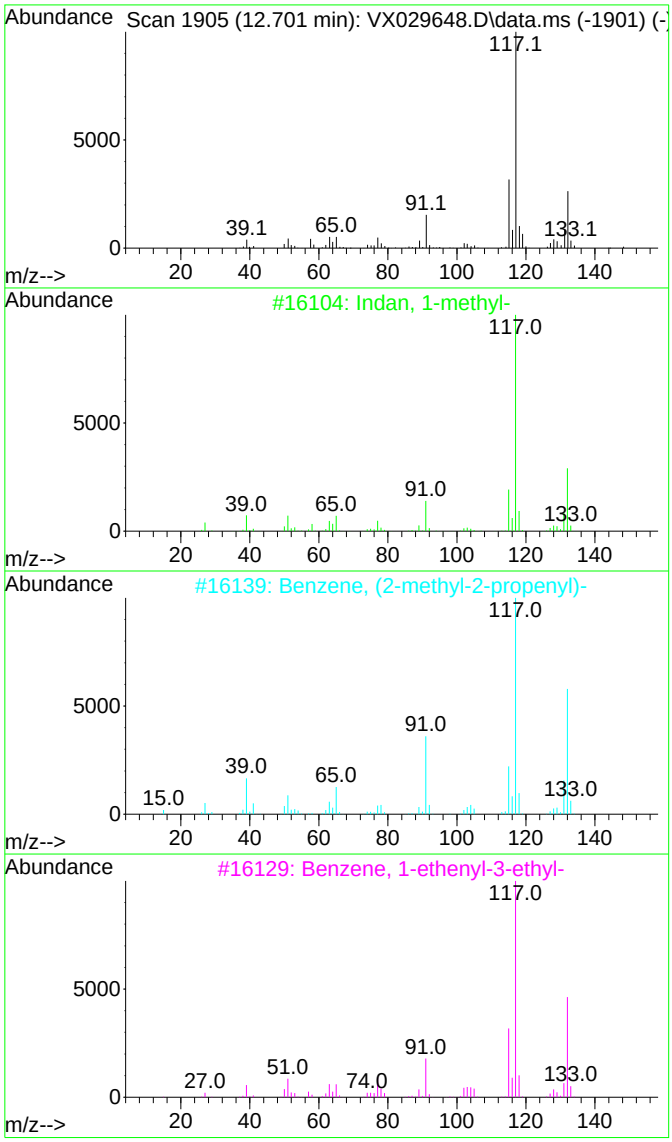
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

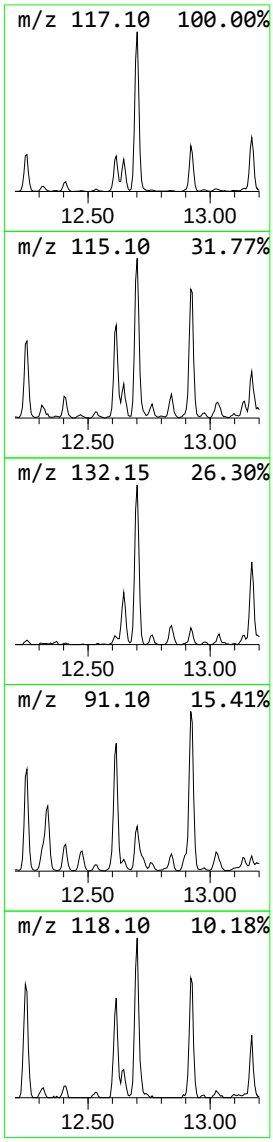
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Indan, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	16.80 ug/l	323464	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

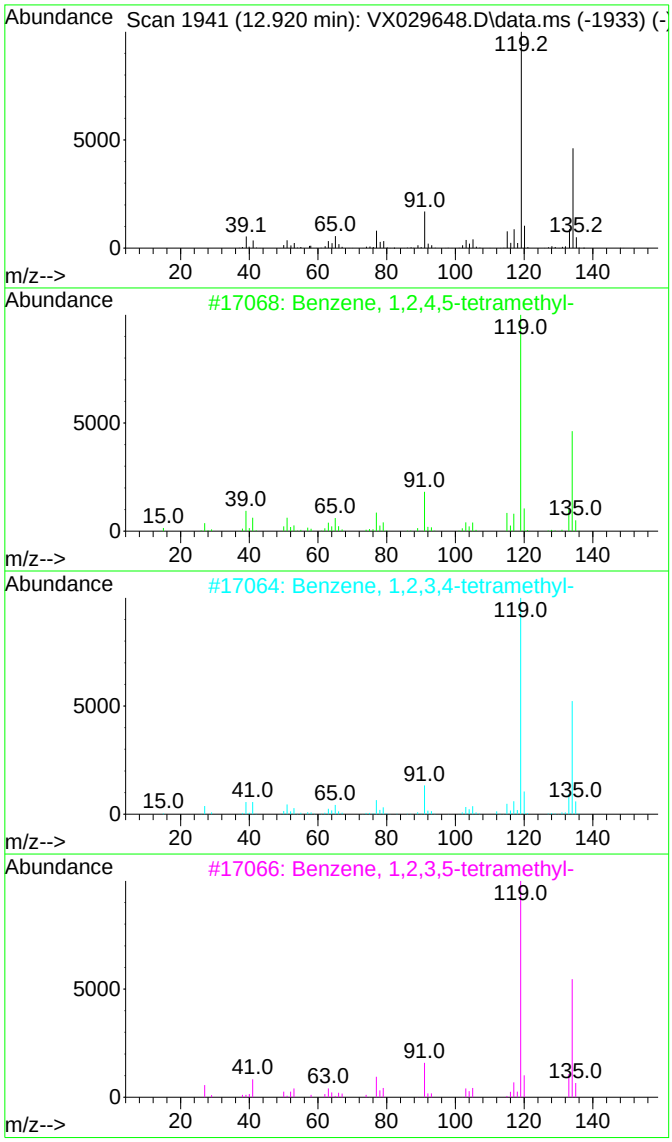
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

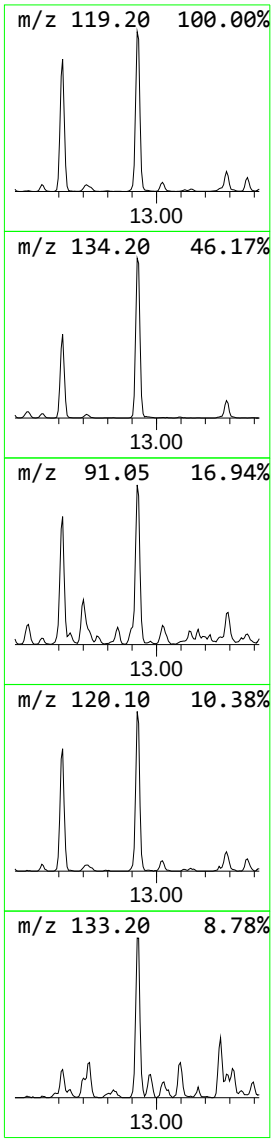
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	42.73 ug/l	822538	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

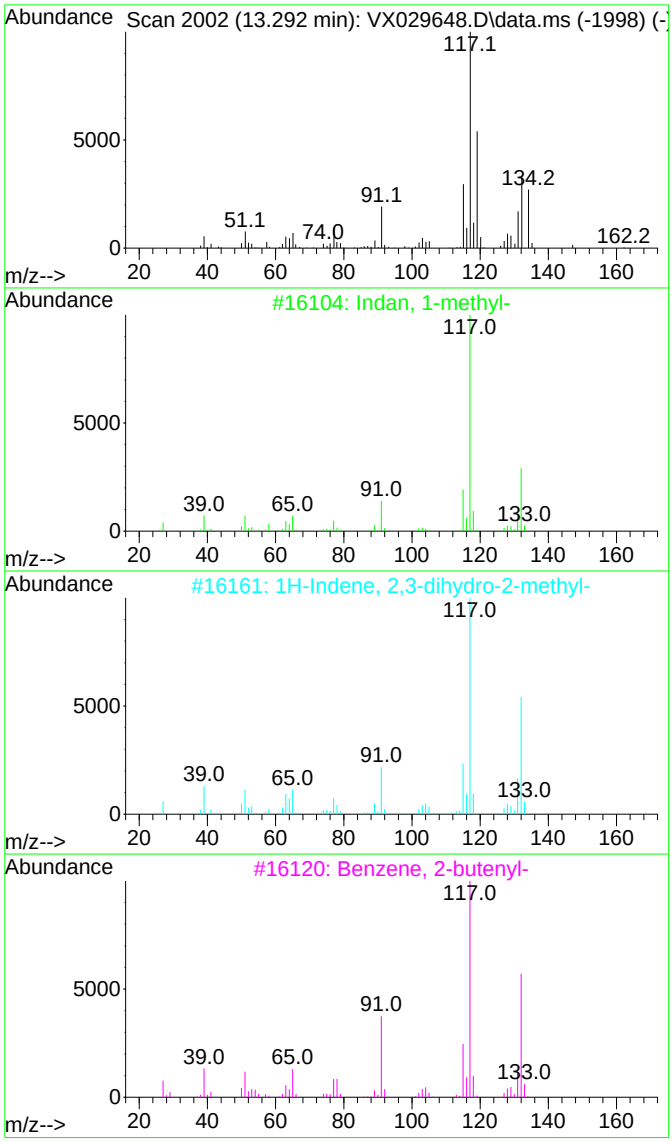
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

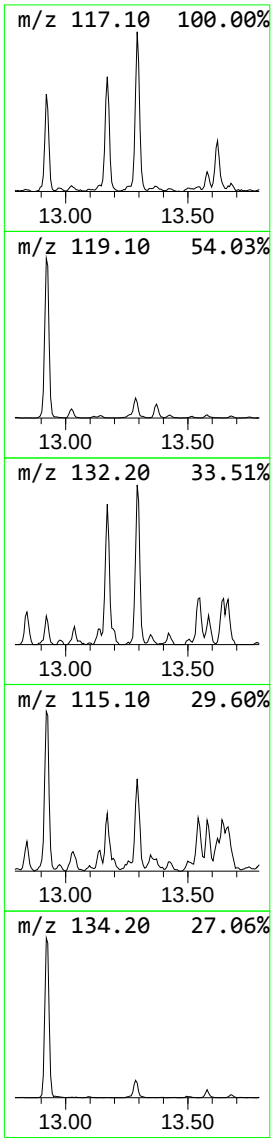
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Indene, 2,3-dihydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	10.91 ug/l	210067	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	70
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	62
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	62
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	62
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

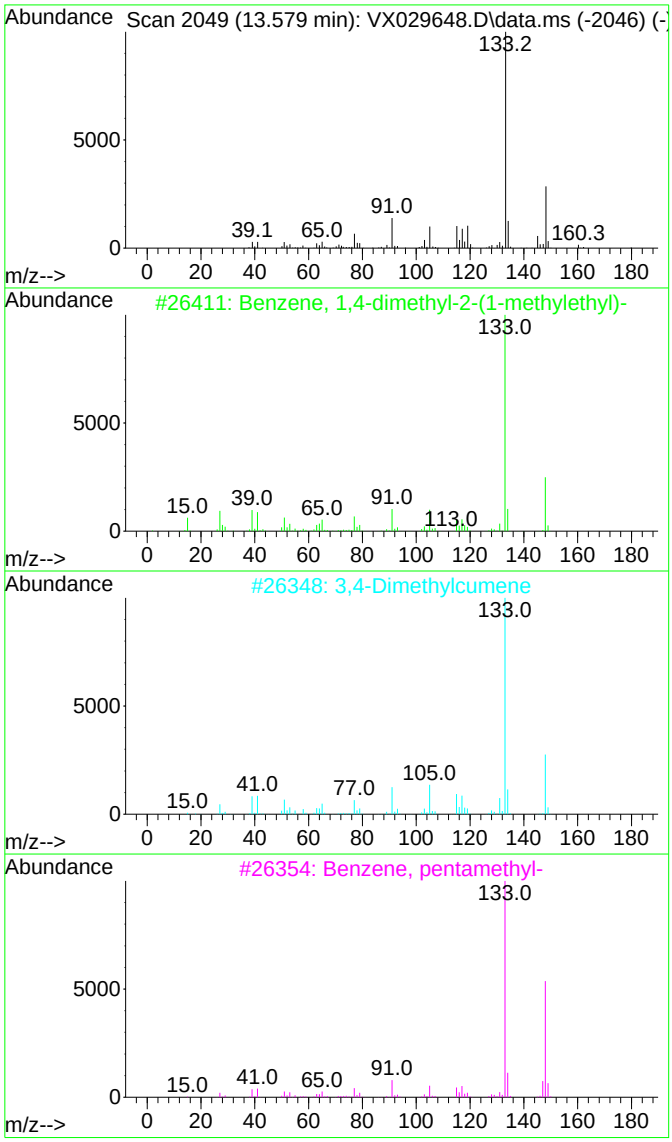
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

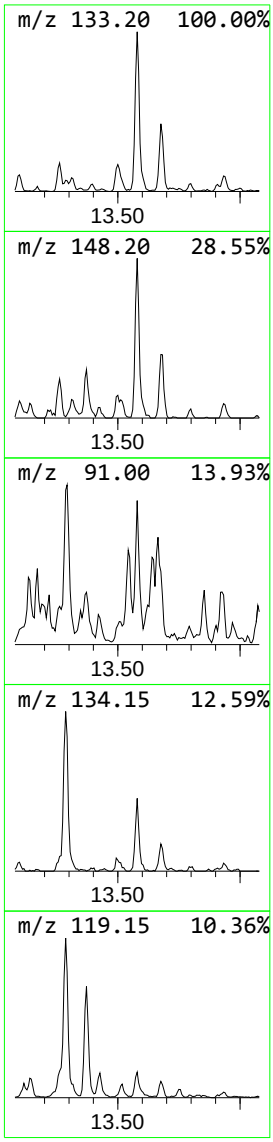
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,4-dimethyl-2-(1-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.579	9.14 ug/l	175870	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

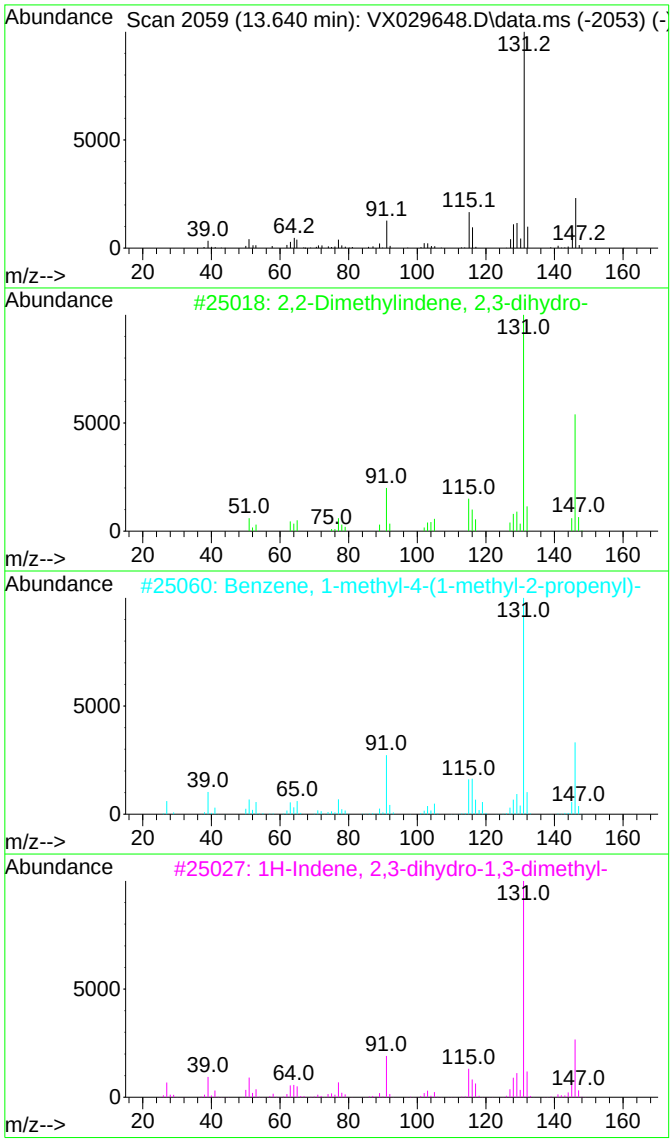
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

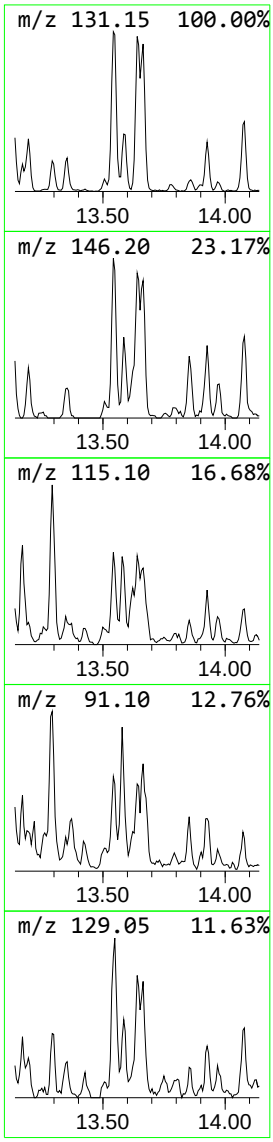
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,2-Dimethylindene, 2,3-dih... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.640	7.32 ug/l	140912	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

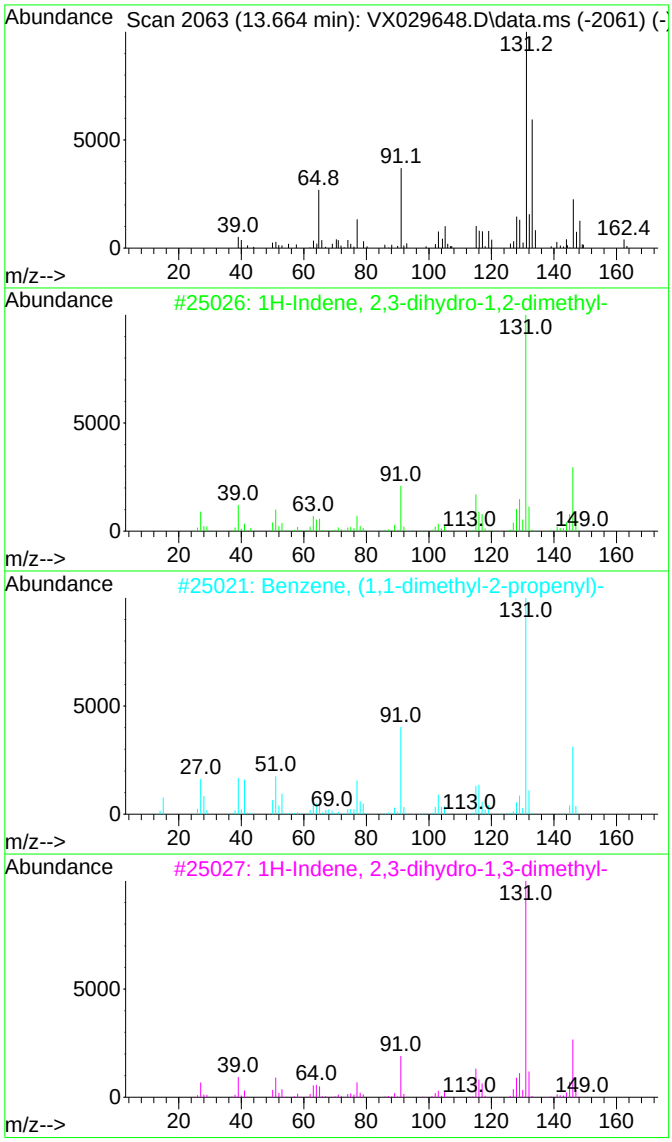
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

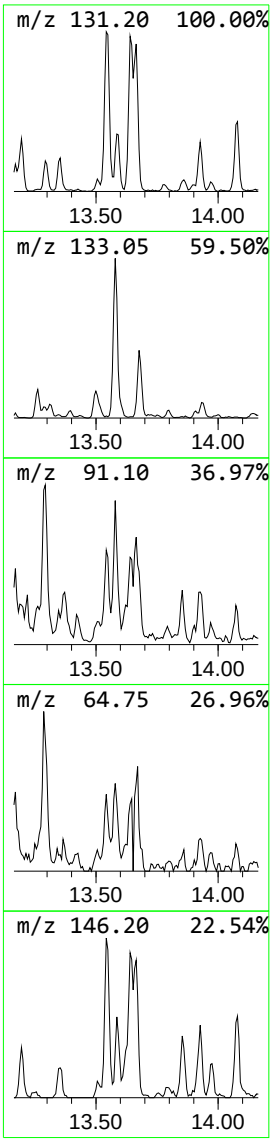
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.664	7.11 ug/l	136871	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
2	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	53
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	53
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	53
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

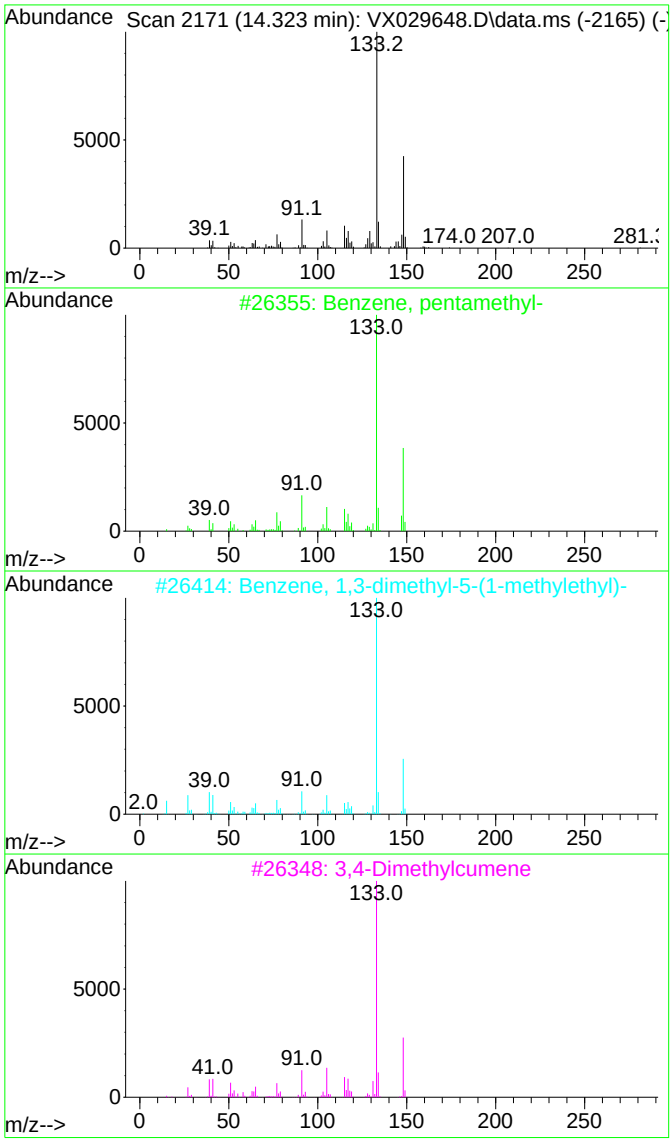
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

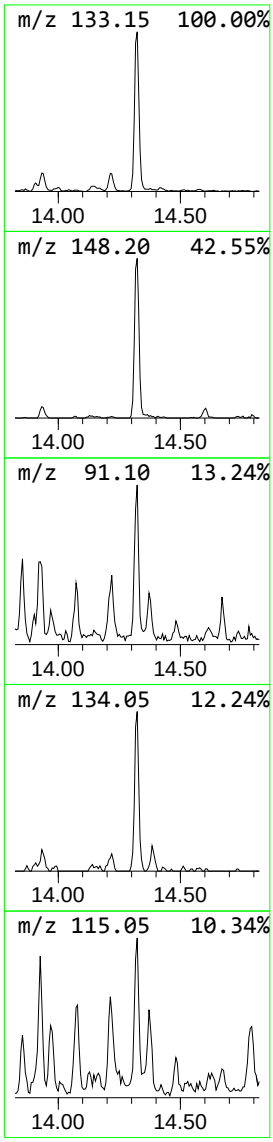
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, pentamethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.323	7.84 ug/l	150897	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	95
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	87
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	86
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029648.D
Acq On : 21 Jun 2022 08:05
Operator : JC/MD
Sample : N3354-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.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
Sulfur dioxide	1.270	8.0	ug/l	128842	1	5.556	809080	50.0
Butane, 2,3-dim...	2.782	13.8	ug/l	222968	1	5.556	809080	50.0
Hexane, 2,2-dim...	6.251	20.9	ug/l	419567	2	6.763	1003370	50.0
Pentane, 2,3,4-...	7.988	16.9	ug/l	339443	2	6.763	1003370	50.0
Pentane, 2,3,3-...	8.110	35.9	ug/l	719551	2	6.763	1003370	50.0
1,3-Dimethyl-1-...	9.165	9.0	ug/l	192582	3	10.055	1069480	50.0
Benzene, 1,2-di...	12.250	25.6	ug/l	493556	4	12.024	962431	50.0
Benzene, 2-ethy...	12.616	29.9	ug/l	576020	4	12.024	962431	50.0
Indan, 1-methyl-	12.701	16.8	ug/l	323464	4	12.024	962431	50.0
Benzene, 1,2,4,...	12.921	42.7	ug/l	822538	4	12.024	962431	50.0
1H-Indene, 2,3-...	13.292	10.9	ug/l	210067	4	12.024	962431	50.0
Benzene, 1,4-di...	13.579	9.1	ug/l	175870	4	12.024	962431	50.0
2,2-Dimethylind...	13.640	7.3	ug/l	140912	4	12.024	962431	50.0
1H-Indene, 2,3-...	13.664	7.1	ug/l	136871	4	12.024	962431	50.0
Benzene, pentam...	14.323	7.8	ug/l	150897	4	12.024	962431	50.0