LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
Data File : VX036238.D
Acq On : 20 Jun 2023 13:20
Operator : JC/MD
Sample : 03291-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

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\82X061623W.M
Title : SW846 8260

Signal : TIC: VX036238.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.368	43	46	52	rBV	1004331	1057866	5.15%	0.585%
2	1.745	103	108	125	rVB	4935449	6547543	31.87%	3.619%
3	1.953	137	142	155	rVB2	1605614	2435728	11.85%	1.346%
4	2.069	155	161	167	rBV	406842	555321	2.70%	0.307%
5	2.160	172	176	180	rVV	221667	337528	1.64%	0.187%
6	2.215	180	185	196	rVV	844650	1313932	6.39%	0.726%
7	2.337	197	205	225	rVB	299376	634340	3.09%	0.351%
8	2.782	257	278	281	rBV2	943168	2382249	11.59%	1.317%
9	2.825	281	285	289	rVV	1601425	3310425	16.11%	1.830%
10	2.867	289	292	311	rVB2	996013	2111788	10.28%	1.167%
11	3.099	320	330	347	rBV	1540518	3492062	17.00%	1.930%
12	3.318	356	366	377	rBV2	123213	287885	1.40%	0.159%
13	3.446	377	387	400	rBV	456428	1003728	4.89%	0.555%
14	3.727	427	433	443	rVB	274897	656628	3.20%	0.363%
15	3.837	443	451	457	rBV	234709	599623	2.92%	0.331%
16	3.904	457	462	468	rBV	95515	215462	1.05%	0.119%
17	4.099	482	494	504	rVB2	213658	597359	2.91%	0.330%
18	4.208	504	512	518	rVV2	102742	290552	1.41%	0.161%
19	4.306	518	528	540	rVV	1782988	5115828	24.90%	2.828%
20	4.428	540	548	561	rVB3	113438	351951	1.71%	0.195%
21	5.190	665	673	690	rVB	251811	819910	3.99%	0.453%
22	5.385	690	705	710	rBV3	116452	367820	1.79%	0.203%
23	5.477	710	720	736	rVV4	715278	2997719	14.59%	1.657%
24	5.617	736	743	764	rVB3	305596	1148076	5.59%	0.635%
25	5.824	764	777	790	rBV4	379994	1208719	5.88%	0.668%
26	5.952	790	798	806	rBV	122091	313849	1.53%	0.173%
27	6.165	820	833	842	rBV4	285016	1216069	5.92%	0.672%
28	6.257	842	848	856	rVV2	317291	890076	4.33%	0.492%
29	6.354	856	864	876	rVB2	269864	767452	3.74%	0.424%
30	6.610	891	906	914	rBV3	136823	354133	1.72%	0.196%
31	6.763	922	931	936	rBV	224334	585613	2.85%	0.324%
32	6.848	940	945	955	rVB4	241125	680823	3.31%	0.376%
33	7.171	989	998	1006	rBV2	209832	471519	2.29%	0.261%
34	7.379	1018	1032	1044	rBV4	876586	2335582	11.37%	1.291%
35	7.659	1071	1078	1089	rVB	184261	367432	1.79%	0.203%
36	7.879	1112	1114	1121	rVV2	114576	207972	1.01%	0.115%

LSC Area Percent Report

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Sample : 03291-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

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\82X061623W.M
Title : SW846 8260

37	8.141	1152	1157	1162	rVB	418094	675378	3.29%	0.373%
38	8.506	1211	1217	1225	rVB2	368917	661332	3.22%	0.366%
39	8.604	1226	1233	1236	rBV2	131381	264009	1.28%	0.146%
40	8.647	1236	1240	1246	rVB	503037	771988	3.76%	0.427%
41	8.720	1246	1252	1258	rBV	2337216	3541073	17.23%	1.957%
42	8.842	1265	1272	1278	rVB3	118078	259261	1.26%	0.143%
43	8.921	1279	1285	1290	rBV3	132720	238590	1.16%	0.132%
44	9.159	1320	1324	1335	rVB	274790	454438	2.21%	0.251%
45	9.500	1376	1380	1386	rVB2	109605	209399	1.02%	0.116%
46	10.055	1467	1471	1475	rVB	461795	607280	2.96%	0.336%
47	10.195	1489	1494	1500	rVB	8248739	10706649	52.11%	5.918%
48	10.305	1505	1512	1518	rVB	13821881	18944160	92.20%	10.471%
49	10.640	1562	1567	1578	rVB	5249160	6726838	32.74%	3.718%
50	10.963	1614	1620	1628	rBV	840719	1058987	5.15%	0.585%
51	11.079	1635	1639	1644	rBV	453311	533566	2.60%	0.295%
52	11.305	1666	1676	1683	rBV	3305947	3948650	19.22%	2.182%
53	11.378	1683	1688	1690	rVV	2919217	4153733	20.22%	2.296%
54	11.402	1690	1692	1696	rVV	3713218	3776470	18.38%	2.087%
55	11.451	1696	1700	1711	rVB	1105876	1447594	7.05%	0.800%
56	11.616	1721	1727	1735	rBV	3983184	5209951	25.36%	2.880%
57	11.756	1744	1750	1755	rVB	16817529	20546279	100.00%	11.356%
58	11.866	1762	1768	1770	rBV	165310	230689	1.12%	0.128%
59	11.890	1770	1772	1777	rVB	232149	250213	1.22%	0.138%
60	11.969	1777	1785	1788	rBV	268134	332618	1.62%	0.184%
61	12.018	1788	1793	1799	rVB2	542146	829672	4.04%	0.459%
62	12.085	1799	1804	1810	rBV	4009408	4913861	23.92%	2.716%
63	12.244	1824	1830	1837	rBV2	3920315	5394343	26.25%	2.982%
64	12.311	1837	1841	1849	rVB3	1206750	1839002	8.95%	1.016%
65	12.408	1851	1857	1862	rVV3	285209	469792	2.29%	0.260%
66	12.463	1862	1866	1872	rVB	755954	875667	4.26%	0.484%
67	12.530	1872	1877	1879	rBV	1917004	2352753	11.45%	1.300%
68	12.555	1879	1881	1886	rVV	1597328	1682616	8.19%	0.930%
69	12.615	1886	1891	1894	rVV	2770068	3485018	16.96%	1.926%
70	12.646	1894	1896	1900	rVV	748049	752515	3.66%	0.416%
71	12.701	1900	1905	1912	rVV2	2056688	2865649	13.95%	1.584%
72	12.847	1924	1929	1934	rVB	817628	976761	4.75%	0.540%
73	12.920	1934	1941	1944	rBV	1791716	2161460	10.52%	1.195%
74	12.963	1944	1948	1954	rVB	2549619	2927027	14.25%	1.618%
75	13.024	1954	1958	1964	rBV4	180263	360846	1.76%	0.199%
76	13.170	1978	1982	1986	rVB	1853951	2266947	11.03%	1.253%

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ClientSampleId :
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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : SW846 8260

77	13.256	1992	1996	1997	rBV2	203463	256912	1.25%	0.142%
78	13.292	1997	2002	2007	rVB2	3436986	4590708	22.34%	2.537%
79	13.420	2019	2023	2031	rVB	443166	574410	2.80%	0.317%
80	13.506	2031	2037	2039	rBV2	237131	311095	1.51%	0.172%
81	13.542	2039	2043	2046	rVV	501819	670429	3.26%	0.371%
82	13.585	2046	2050	2055	rVV3	541412	986735	4.80%	0.545%
83	13.640	2055	2059	2060	rVV2	286951	370143	1.80%	0.205%
84	13.664	2060	2063	2069	rVB2	518623	739591	3.60%	0.409%
85	13.774	2074	2081	2090	rVV	1391705	1786766	8.70%	0.988%
86	13.865	2090	2096	2100	rVV2	144103	221175	1.08%	0.122%
87	13.920	2100	2105	2110	rVV2	200140	292133	1.42%	0.161%
88	13.969	2110	2113	2117	rVB	185847	210704	1.03%	0.116%
89	14.073	2126	2130	2137	rVB	358387	432324	2.10%	0.239%
90	14.213	2149	2153	2159	rBV	287729	459808	2.24%	0.254%
91	14.371	2176	2179	2184	rVB	204285	235487	1.15%	0.130%
92	14.633	2219	2222	2233	rVB	159577	237219	1.15%	0.131%
93	14.780	2240	2246	2255	rVB	618362	814477	3.96%	0.450%

Sum of corrected areas: 180923752

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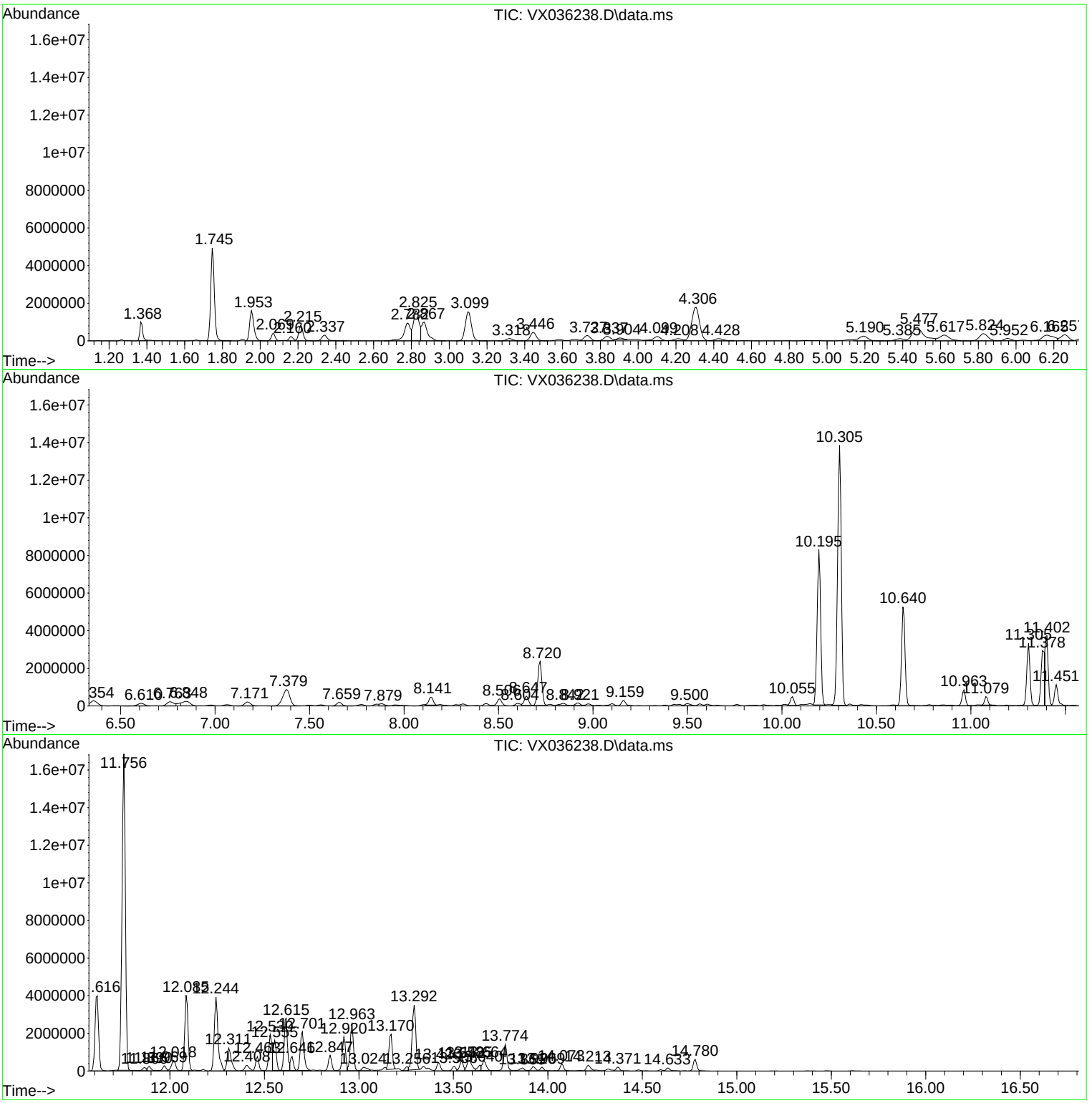
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260

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



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260

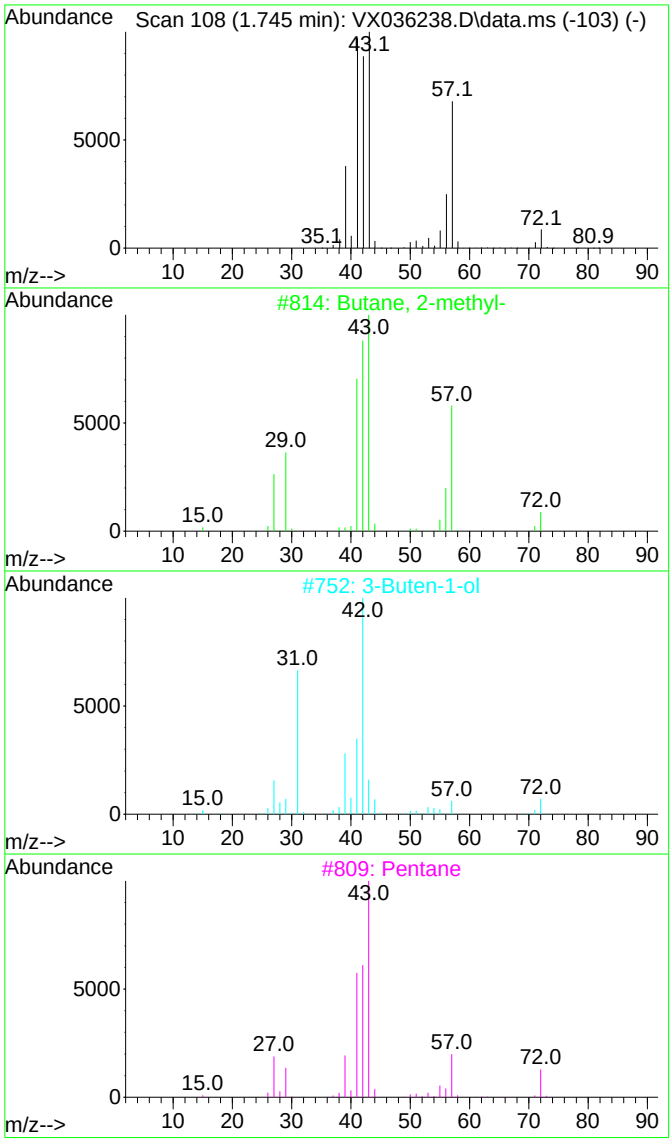
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

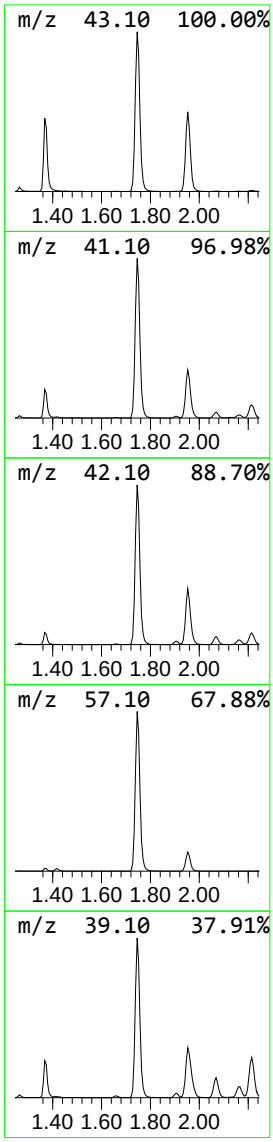
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.745	285.15 ug/l	6547540	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	36
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	16
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	9





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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

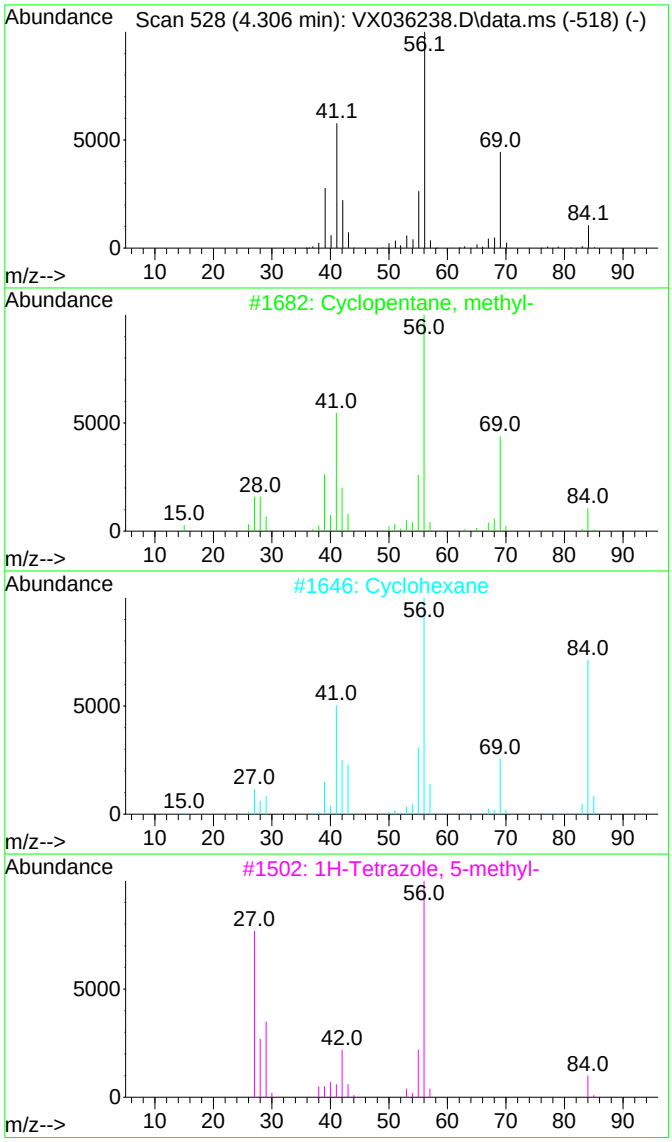
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260

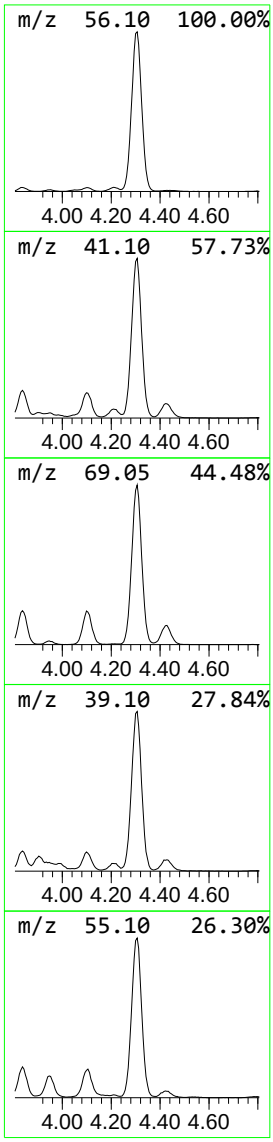
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.306	222.80 ug/l	5115830	Pentafluorobenzene	5.556

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	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclobutane	56	C4H8	000287-23-0	53





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MSVOA_X
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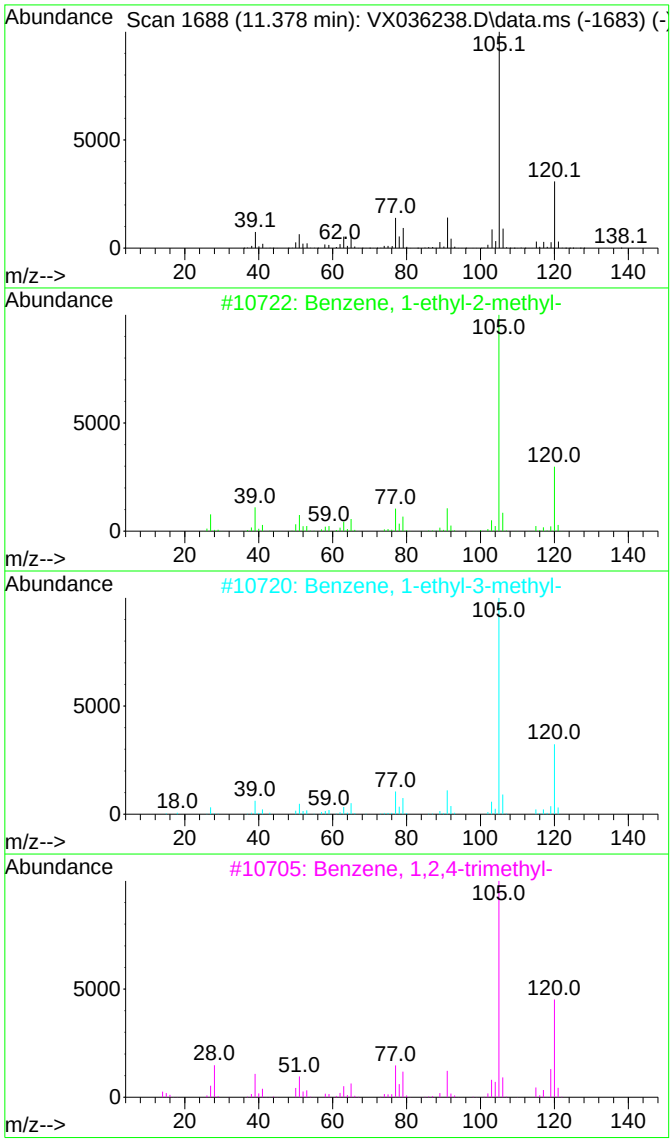
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260

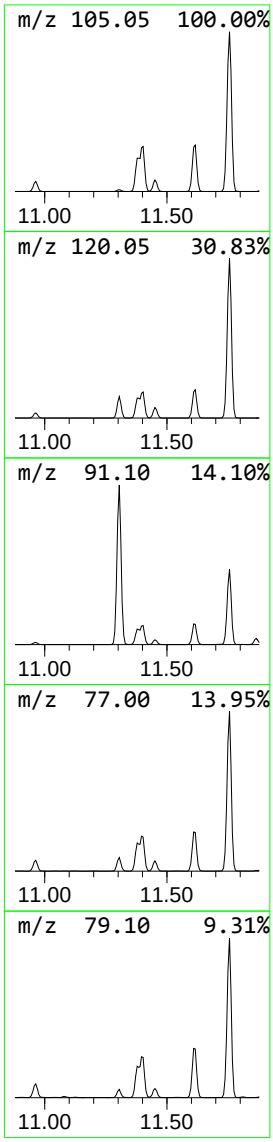
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	250.32 ug/l	4153730	1,4-Dichlorobenzene-d4	12.024

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	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

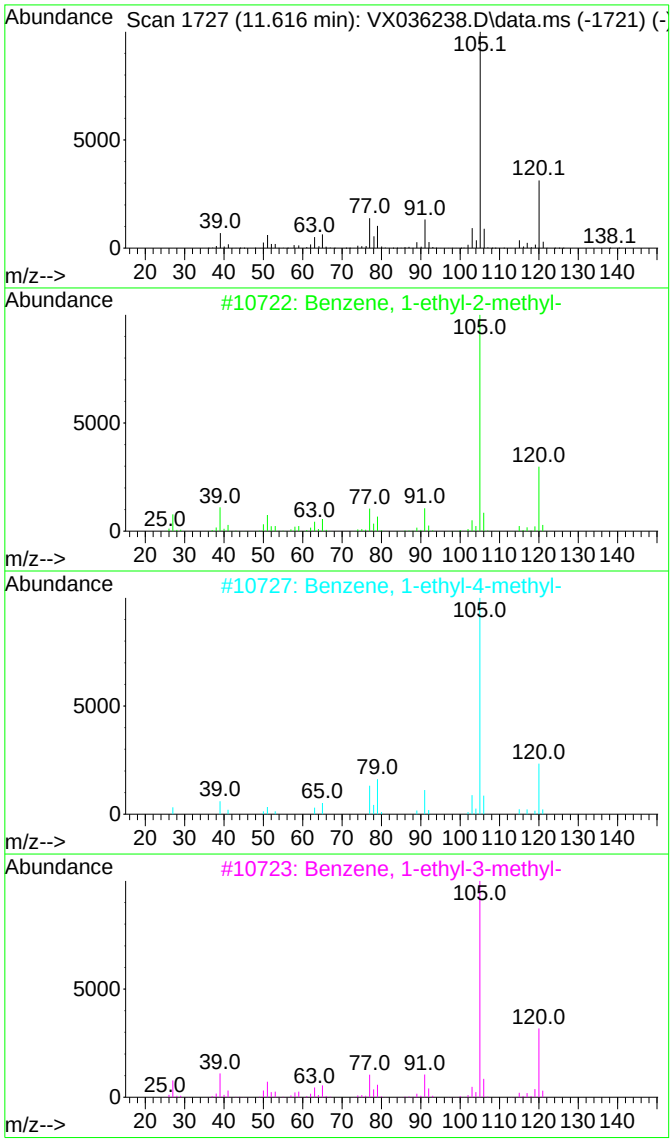
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260

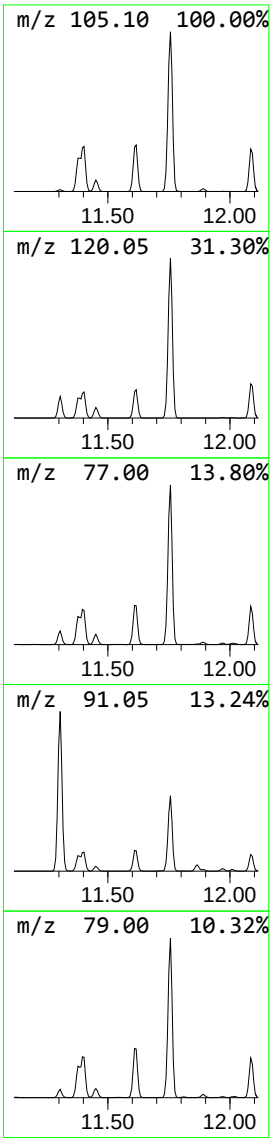
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	313.98 ug/l	5209950	1,4-Dichlorobenzene-d4	12.024

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	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

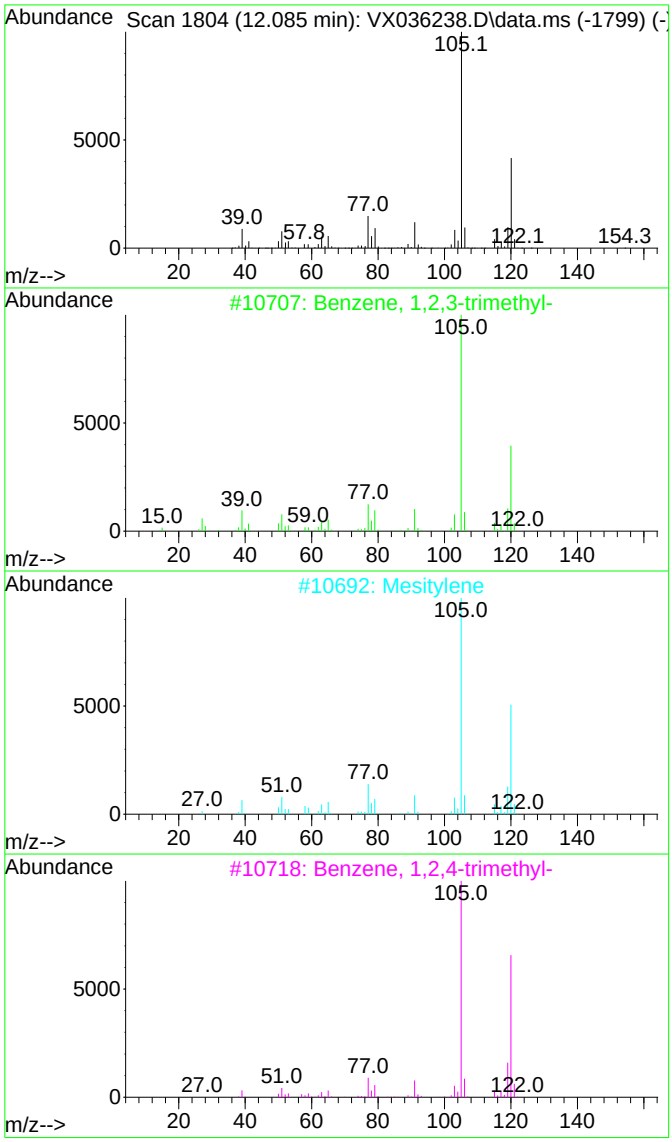
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260

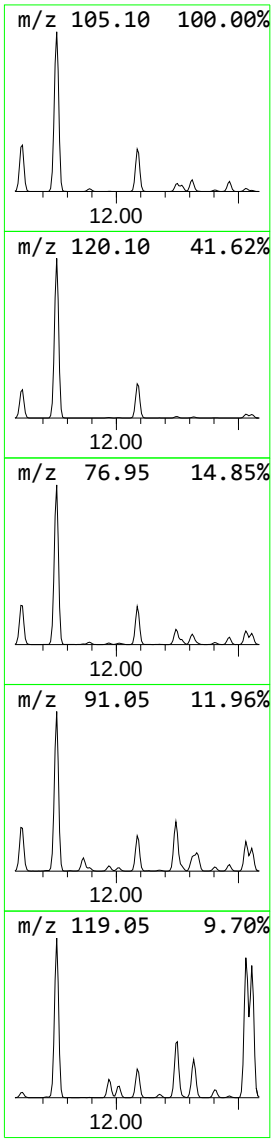
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	296.13 ug/l	4913860	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-5B

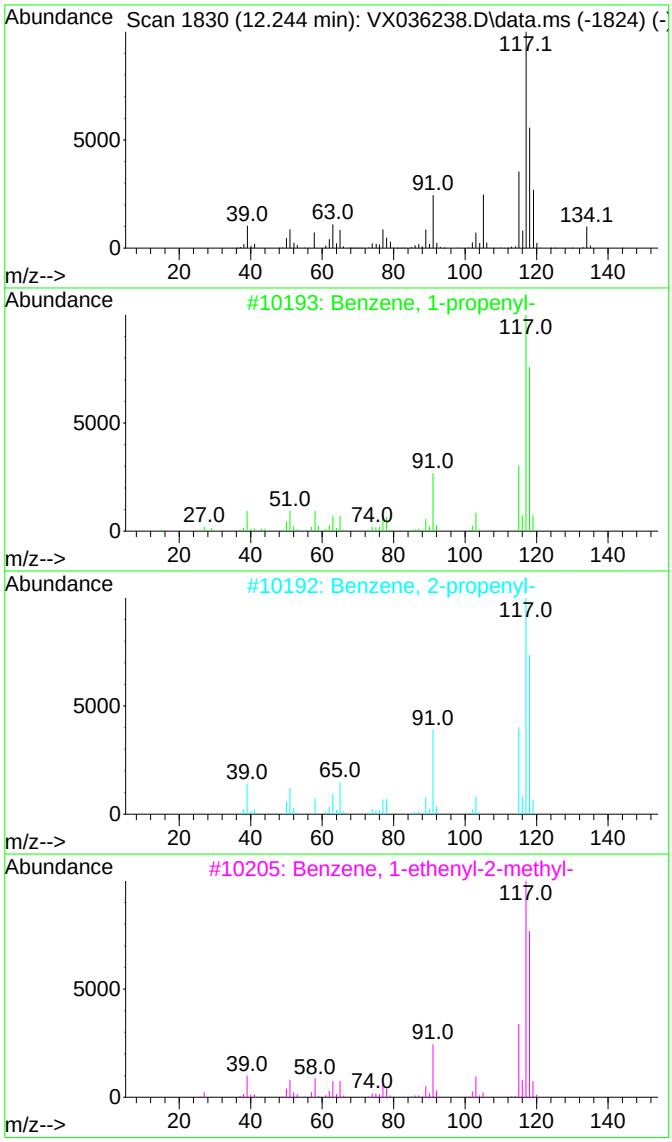
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260

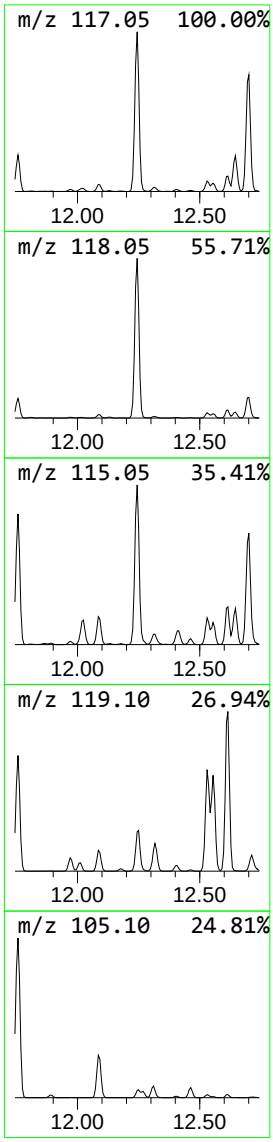
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	325.09 ug/l	5394340	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Indane	118	C9H10	000496-11-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
Data File : VX036238.D
Acq On : 20 Jun 2023 13:20
Operator : JC/MD
Sample : 03291-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

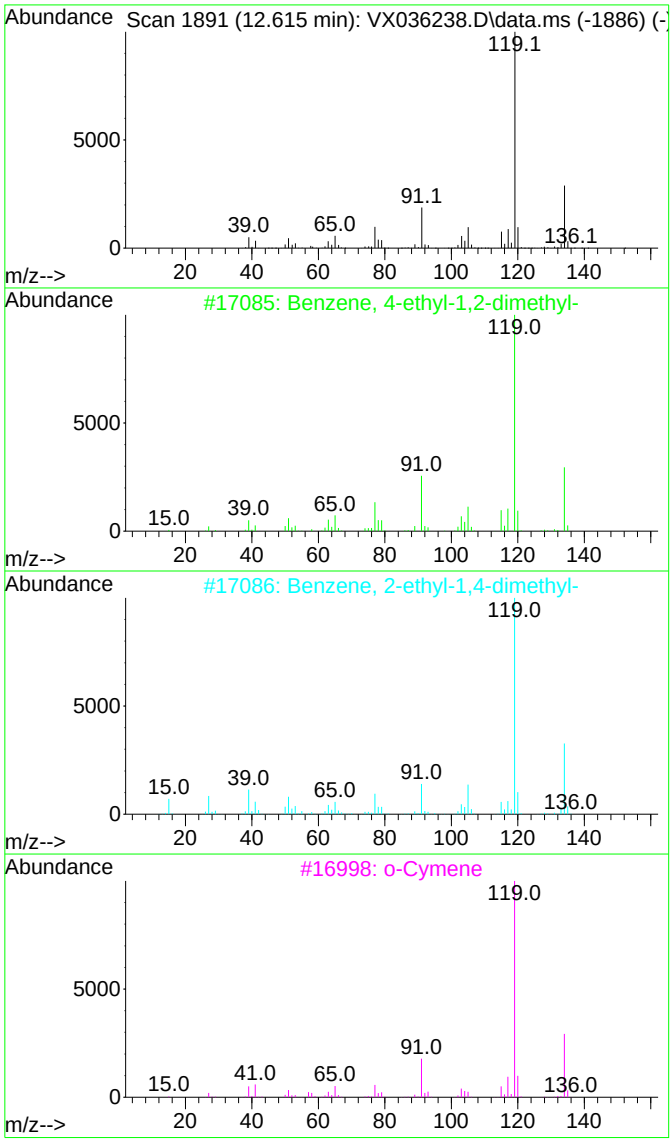
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260

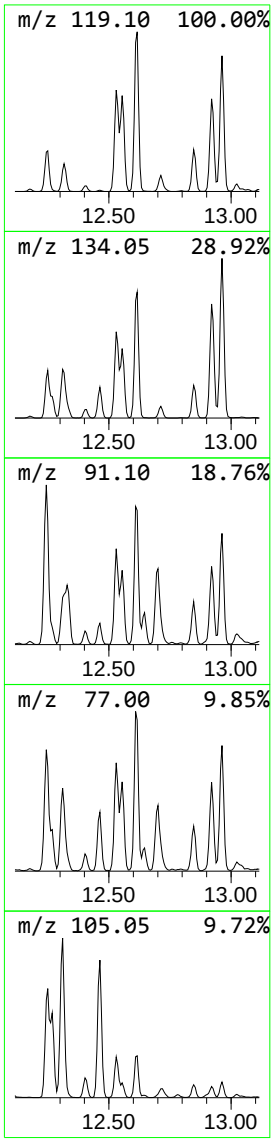
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	210.02 ug/l	3485020	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
Data File : VX036238.D
Acq On : 20 Jun 2023 13:20
Operator : JC/MD
Sample : 03291-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

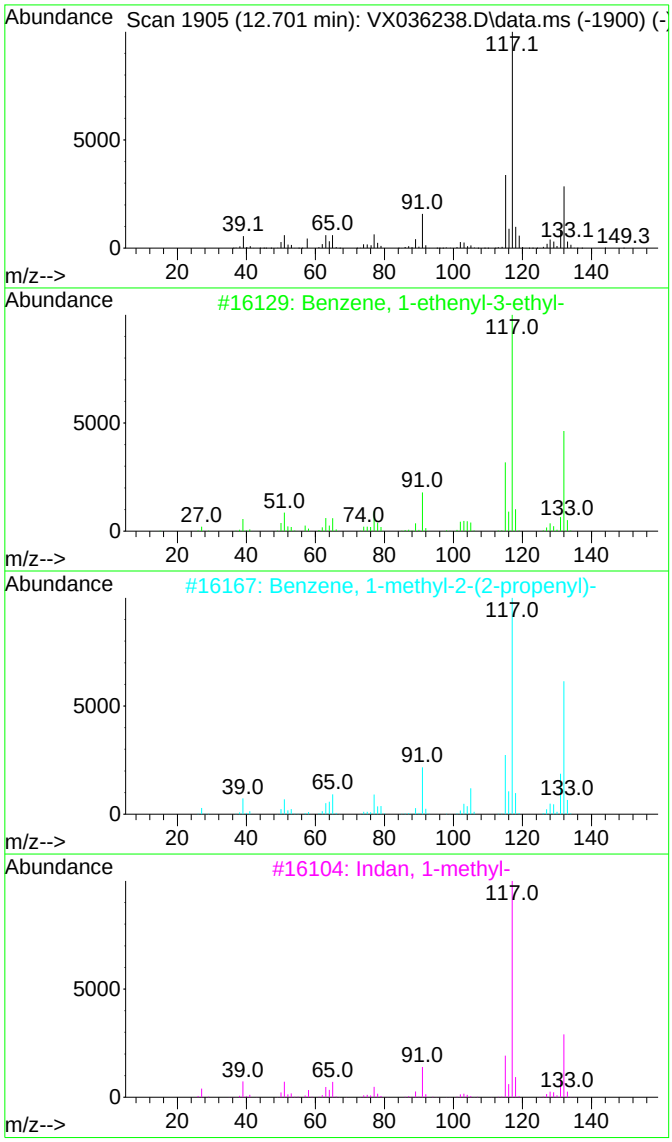
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260

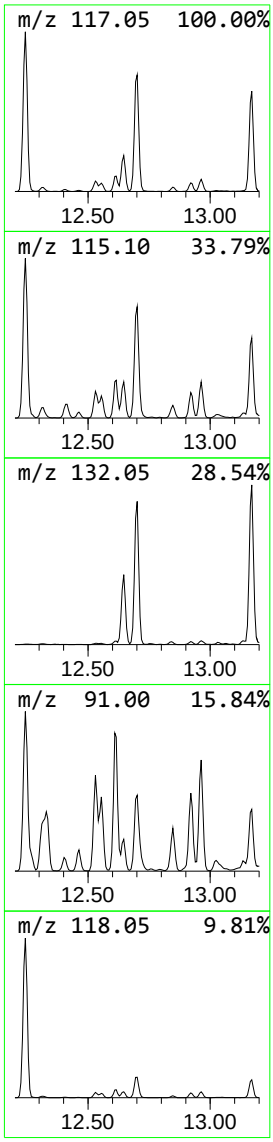
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	172.70 ug/l	2865650	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
Data File : VX036238.D
Acq On : 20 Jun 2023 13:20
Operator : JC/MD
Sample : 03291-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

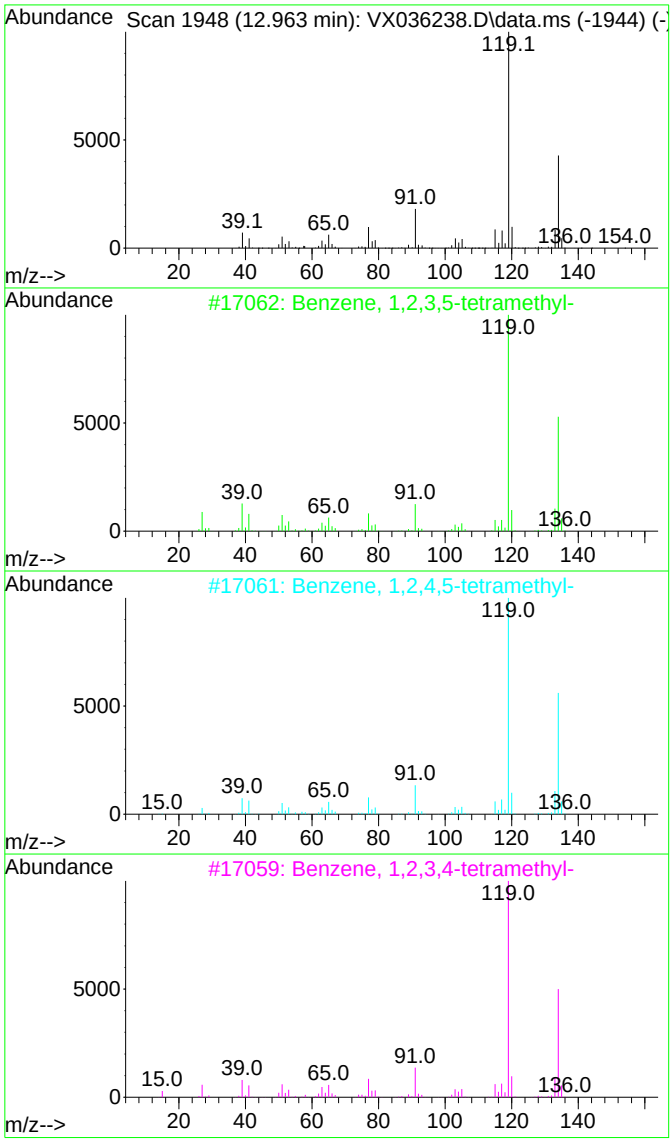
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260

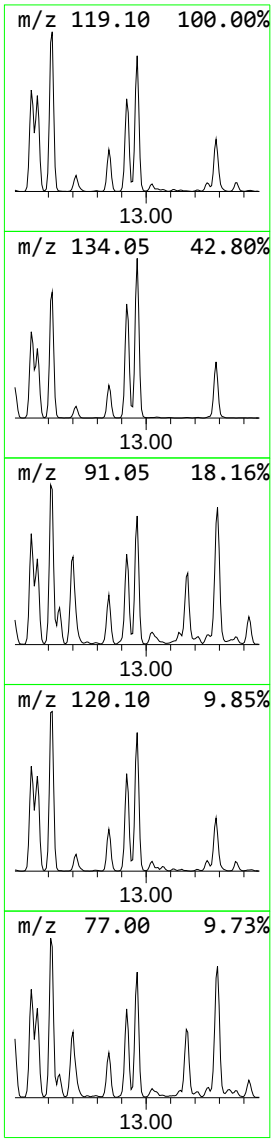
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	176.40 ug/l	2927030	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
Data File : VX036238.D
Acq On : 20 Jun 2023 13:20
Operator : JC/MD
Sample : 03291-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

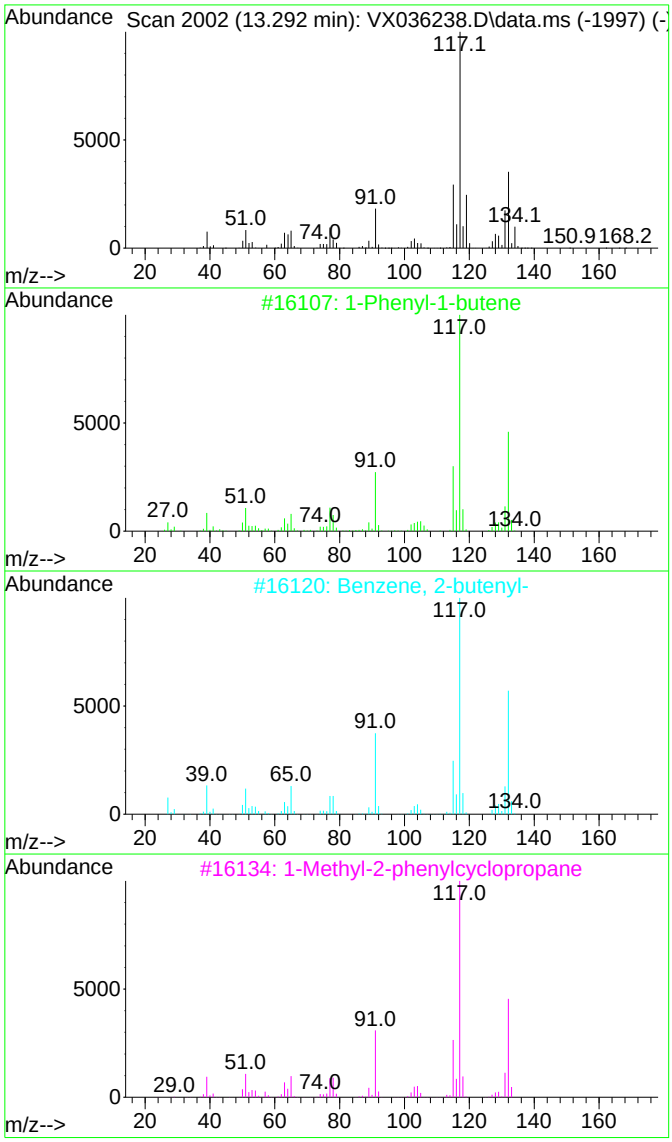
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260

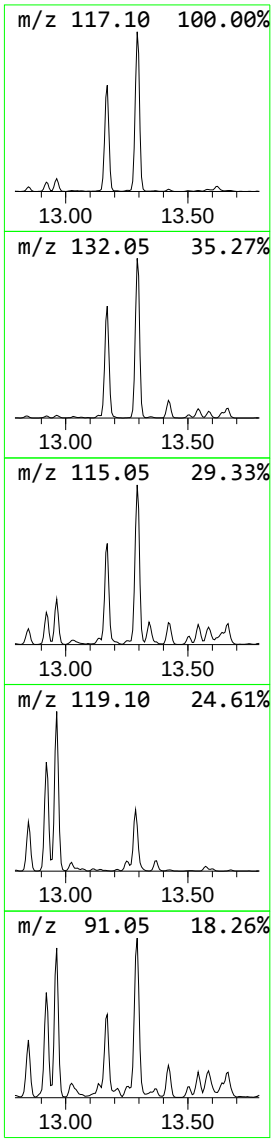
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	276.66 ug/l	4590710	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
Data File : VX036238.D
Acq On : 20 Jun 2023 13:20
Operator : JC/MD
Sample : 03291-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.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-	1.745	285.1	ug/l	6547540	1	5.556	1148080	50.0
Cyclopentane, m...	4.306	222.8	ug/l	5115830	1	5.556	1148080	50.0
Benzene, 1-ethy...	11.378	250.3	ug/l	4153730	4	12.024	829672	50.0
Benzene, 1-ethy...	11.616	314.0	ug/l	5209950	4	12.024	829672	50.0
Benzene, 1,2,3-...	12.085	296.1	ug/l	4913860	4	12.024	829672	50.0
Benzene, 1-prop...	12.244	325.1	ug/l	5394340	4	12.024	829672	50.0
Benzene, 4-ethy...	12.616	210.0	ug/l	3485020	4	12.024	829672	50.0
Benzene, 1-ethe...	12.701	172.7	ug/l	2865650	4	12.024	829672	50.0
Benzene, 1,2,3,...	12.963	176.4	ug/l	2927030	4	12.024	829672	50.0
1-Phenyl-1-butene	13.292	276.7	ug/l	4590710	4	12.024	829672	50.0