LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015197.D
Acq On : 18 Aug 2023 15:48
Operator : SY/MD
Sample : 04086-08
Misc : 5.07g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

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_Y\methods\82Y081423S.M
Title : SW846 8260

Signal : TIC: VY015197.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.893	168	176	188	rBV	62120	140129	1.59%	0.177%
2	3.241	225	233	249	rVB	65255	161047	1.82%	0.204%
3	4.710	460	474	479	rBV	69769	251365	2.85%	0.318%
4	5.228	546	559	575	rBV2	30405	110964	1.26%	0.140%
5	5.740	632	643	661	rVB2	58471	186829	2.12%	0.236%
6	6.972	834	845	861	rBV	75353	231836	2.63%	0.293%
7	7.716	957	967	971	rBV	145368	353139	4.00%	0.447%
8	7.783	971	978	987	rVV	269506	709269	8.04%	0.898%
9	7.996	1001	1013	1026	rBV	67659	162283	1.84%	0.205%
10	8.136	1026	1036	1050	rVB	165066	374420	4.24%	0.474%
11	8.319	1061	1066	1077	rVB	48060	129666	1.47%	0.164%
12	8.545	1094	1103	1114	rVB	77977	167435	1.90%	0.212%
13	8.685	1117	1126	1143	rBV	402539	813220	9.21%	1.029%
14	9.179	1195	1207	1213	rBV2	43509	117228	1.33%	0.148%
15	9.612	1271	1278	1289	rVB2	47199	95562	1.08%	0.121%
16	9.746	1289	1300	1307	rBV3	63405	158552	1.80%	0.201%
17	9.819	1307	1312	1315	rBV	57846	98767	1.12%	0.125%
18	9.959	1324	1335	1346	rBV	77594	177727	2.01%	0.225%
19	10.179	1364	1371	1376	rBV	621767	1077375	12.21%	1.363%
20	10.240	1376	1381	1389	rVB	2487669	4215830	47.76%	5.335%
21	10.368	1395	1402	1409	rVB	101716	180761	2.05%	0.229%
22	10.581	1430	1437	1453	rBV	66008	160418	1.82%	0.203%
23	11.276	1543	1551	1557	rBV2	90615	181582	2.06%	0.230%
24	11.380	1562	1568	1578	rBV	83219	138856	1.57%	0.176%
25	11.489	1579	1586	1593	rBV	626818	1003234	11.37%	1.270%
26	11.593	1596	1603	1611	rVB	844003	1343129	15.22%	1.700%
27	11.697	1611	1620	1631	rBV	2934607	5360079	60.73%	6.783%
28	12.026	1666	1674	1682	rBV	1419444	2242543	25.41%	2.838%
29	12.331	1713	1724	1729	rBV	157916	303097	3.43%	0.384%
30	12.483	1744	1749	1753	rBV	505869	797727	9.04%	1.010%
31	12.520	1753	1755	1760	rVB	75608	93029	1.05%	0.118%
32	12.666	1773	1779	1784	rBV	751232	1143946	12.96%	1.448%
33	12.733	1784	1790	1793	rVV	2644932	4028033	45.63%	5.098%
34	12.764	1793	1795	1799	rVV	1347775	1875806	21.25%	2.374%
35	12.812	1799	1803	1809	rVB	1424941	2156204	24.43%	2.729%
36	12.971	1823	1829	1837	rVB	1075659	1658271	18.79%	2.099%

LSC Area Percent Report

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Misc : 5.07g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

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_Y\methods\82Y081423S.M
Title : SW846 8260

37	13.117	1847	1853	1860	rBV	5963207	8826663	100.00%	11.170%
38	13.245	1866	1874	1879	rBV3	99388	269878	3.06%	0.342%
39	13.312	1881	1885	1890	rVB	193611	274744	3.11%	0.348%
40	13.367	1890	1894	1897	rBV2	96807	144189	1.63%	0.182%
41	13.422	1897	1903	1905	rVV	698054	1068093	12.10%	1.352%
42	13.459	1905	1909	1914	rVV	1438220	2315286	26.23%	2.930%
43	13.501	1914	1916	1924	rVB3	66397	97942	1.11%	0.124%
44	13.593	1925	1931	1932	rBV	386265	503920	5.71%	0.638%
45	13.623	1932	1936	1939	rVV2	1474553	2246801	25.45%	2.843%
46	13.666	1939	1943	1953	rVB4	1317066	2643745	29.95%	3.346%
47	13.751	1953	1957	1962	rBV2	176489	246412	2.79%	0.312%
48	13.818	1962	1968	1973	rVB	394484	620220	7.03%	0.785%
49	13.885	1973	1979	1981	rBV	706953	1047258	11.86%	1.325%
50	13.916	1981	1984	1988	rVV	706056	982277	11.13%	1.243%
51	13.971	1988	1993	1999	rVV	1412367	1956094	22.16%	2.476%
52	14.074	2006	2010	2016	rVB2	386492	615310	6.97%	0.779%
53	14.154	2016	2023	2027	rVB4	52498	120726	1.37%	0.153%
54	14.215	2027	2033	2038	rBV	314963	508095	5.76%	0.643%
55	14.294	2038	2046	2049	rVV	770260	1233009	13.97%	1.560%
56	14.336	2049	2053	2057	rVV	1095212	1634881	18.52%	2.069%
57	14.379	2057	2060	2064	rVV	358990	504738	5.72%	0.639%
58	14.416	2064	2066	2073	rVV2	193421	277619	3.15%	0.351%
59	14.519	2079	2083	2086	rVV	259230	349944	3.96%	0.443%
60	14.562	2086	2090	2095	rVV2	561283	1013186	11.48%	1.282%
61	14.611	2095	2098	2102	rVB	427928	577103	6.54%	0.730%
62	14.678	2102	2109	2115	rBV3	1001188	2274961	25.77%	2.879%
63	14.739	2115	2119	2124	rVB	348020	543327	6.16%	0.688%
64	14.830	2130	2134	2138	rBV	77490	103010	1.17%	0.130%
65	14.946	2148	2153	2164	rVB2	500869	1157825	13.12%	1.465%
66	15.050	2164	2170	2177	rVV2	309199	612418	6.94%	0.775%
67	15.233	2189	2200	2207	rBV	2001204	3463805	39.24%	4.384%
68	15.342	2212	2218	2223	rVV3	229985	405522	4.59%	0.513%
69	15.397	2223	2227	2230	rVV2	96466	170887	1.94%	0.216%
70	15.434	2230	2233	2241	rVB3	176136	279345	3.16%	0.354%
71	15.525	2241	2248	2254	rBV	266886	521039	5.90%	0.659%
72	15.690	2265	2275	2285	rBV3	144987	530249	6.01%	0.671%
73	15.812	2289	2295	2301	rVV	166742	318587	3.61%	0.403%
74	15.891	2301	2308	2324	rVB2	137920	367663	4.17%	0.465%
75	16.287	2366	2373	2381	rBV	1964857	3863774	43.77%	4.890%
76	16.489	2397	2406	2418	rVB	918057	1928158	21.84%	2.440%

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Operator : SY/MD
Sample : 04086-08
Misc : 5.07g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

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_Y\methods\82Y081423S.M
Title : SW846 8260

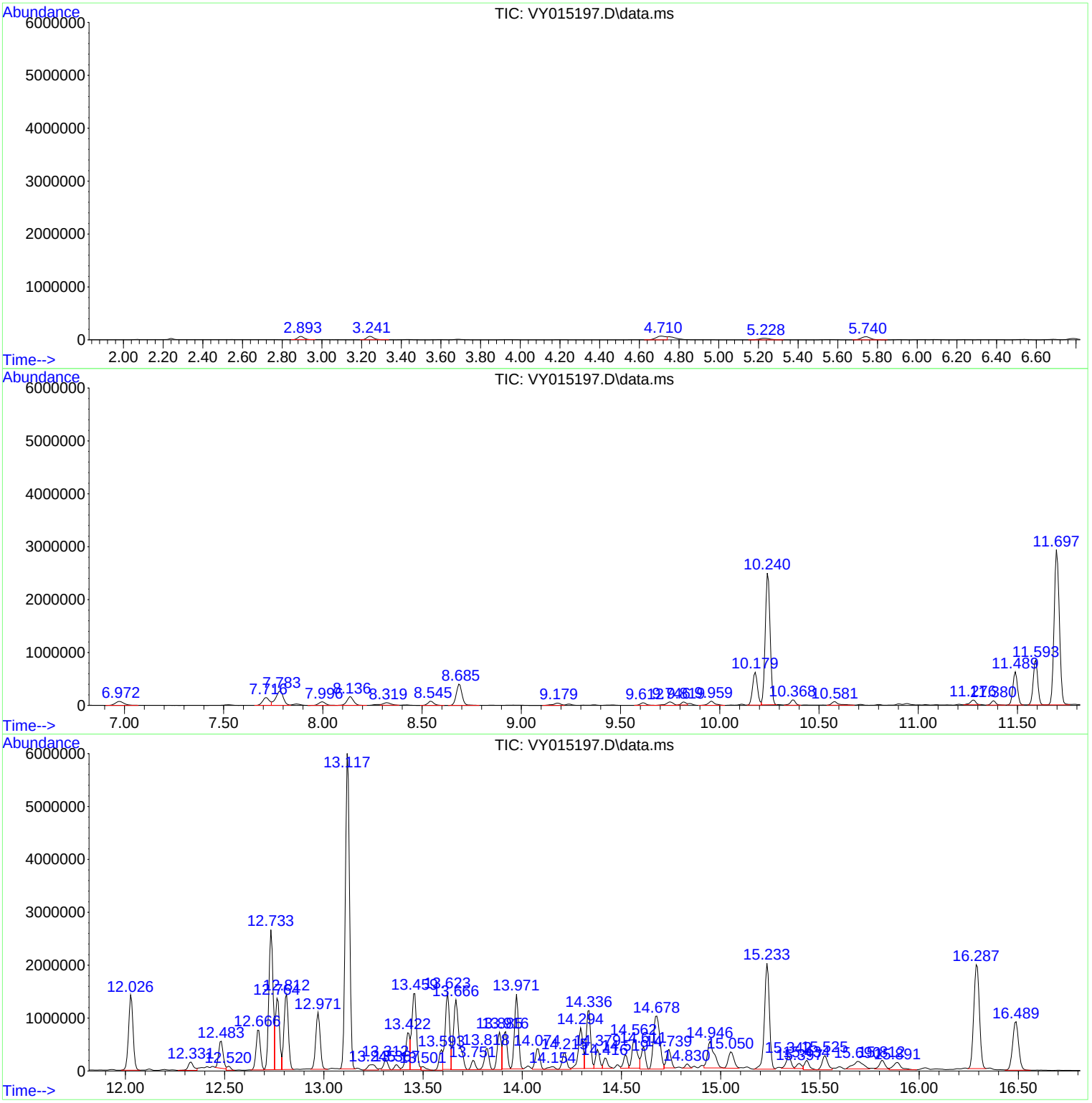
Sum of corrected areas: 79018061

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015197.D
Acq On : 18 Aug 2023 15:48
Operator : SY/MD
Sample : 04086-08
Misc : 5.07g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015197.D
Acq On : 18 Aug 2023 15:48
Operator : SY/MD
Sample : 04086-08
Misc : 5.07g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

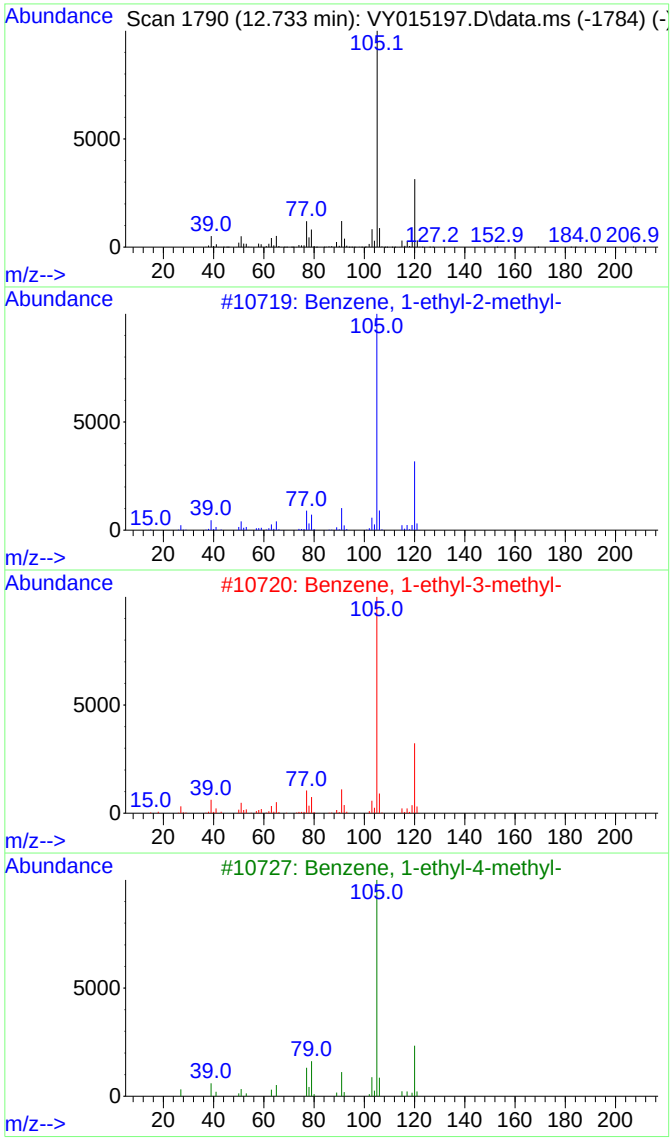
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

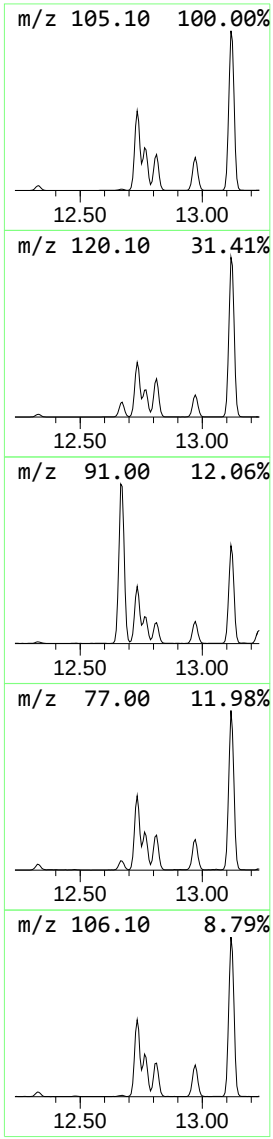
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	188.56 ug/l	4028030	1,4-Dichlorobenzene-d4	13.422

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015197.D
Acq On : 18 Aug 2023 15:48
Operator : SY/MD
Sample : 04086-08
Misc : 5.07g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

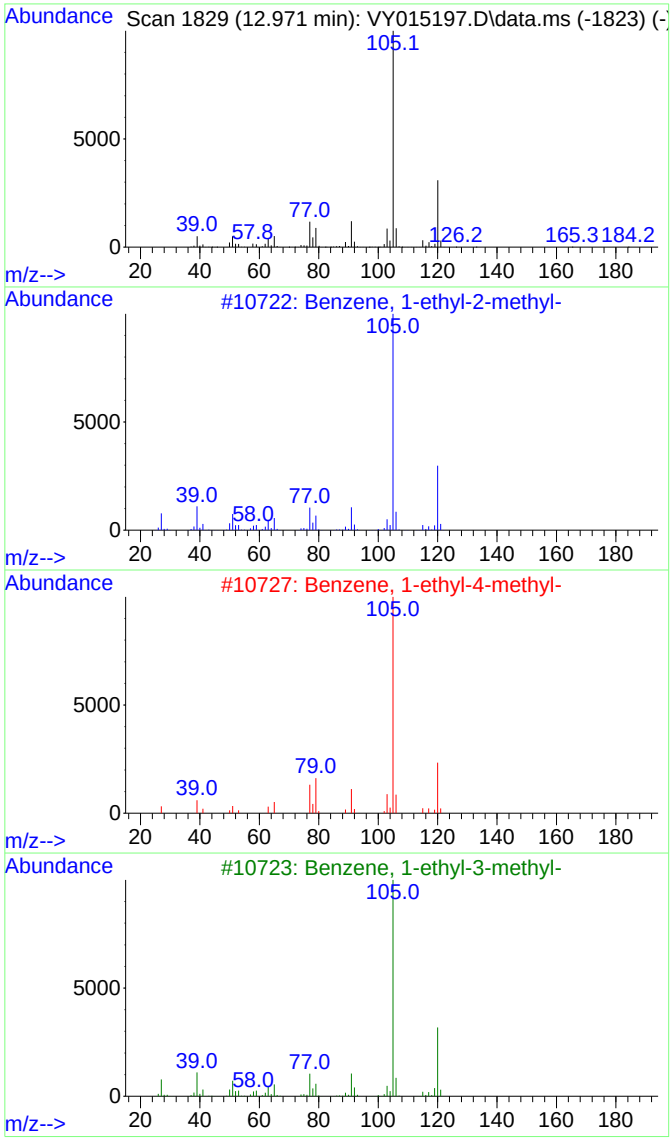
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

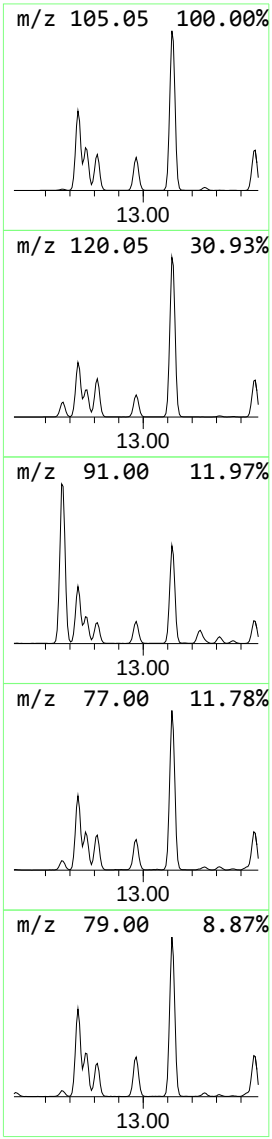
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	77.63 ug/l	1658270	1,4-Dichlorobenzene-d4	13.422

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	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015197.D
Acq On : 18 Aug 2023 15:48
Operator : SY/MD
Sample : 04086-08
Misc : 5.07g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

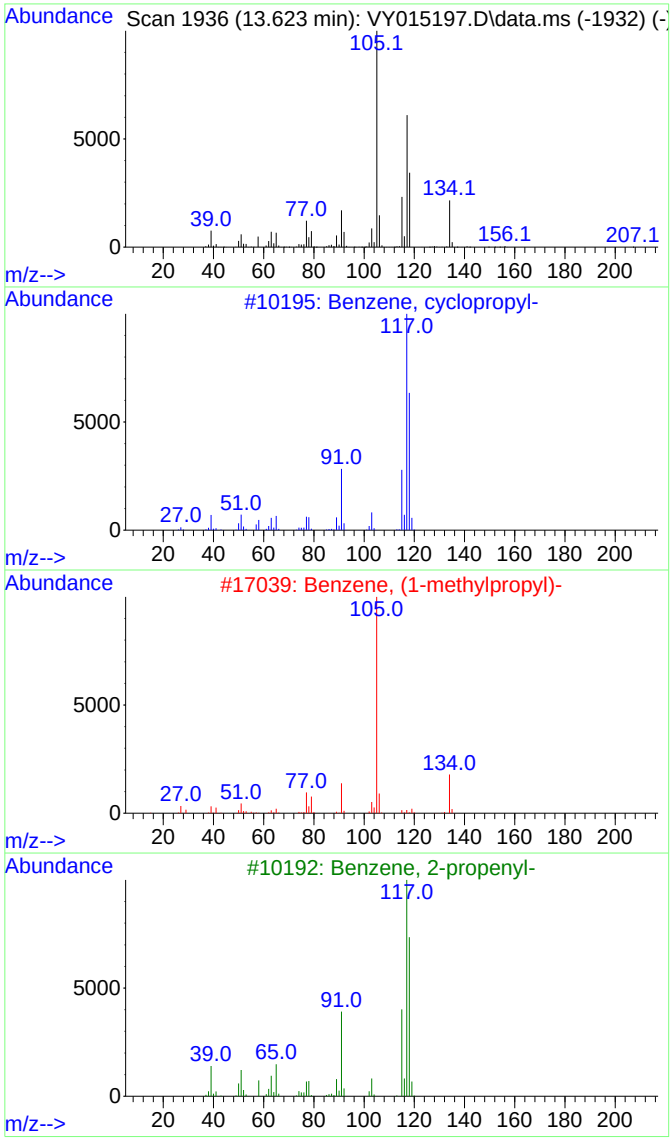
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

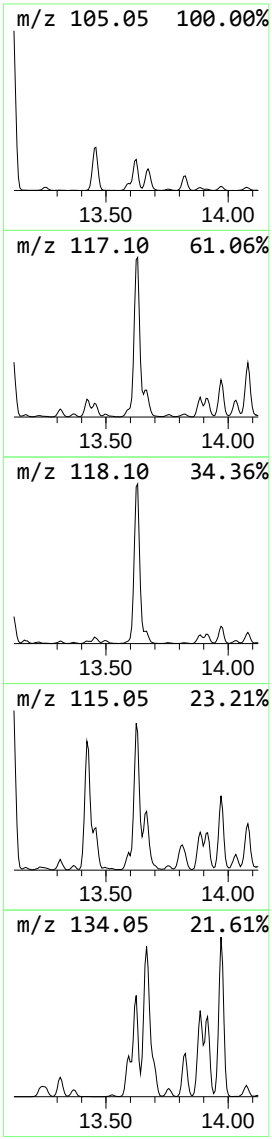
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, cyclopropyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	105.18 ug/l	2246800	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	50
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	45
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	43
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
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Operator : SY/MD
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

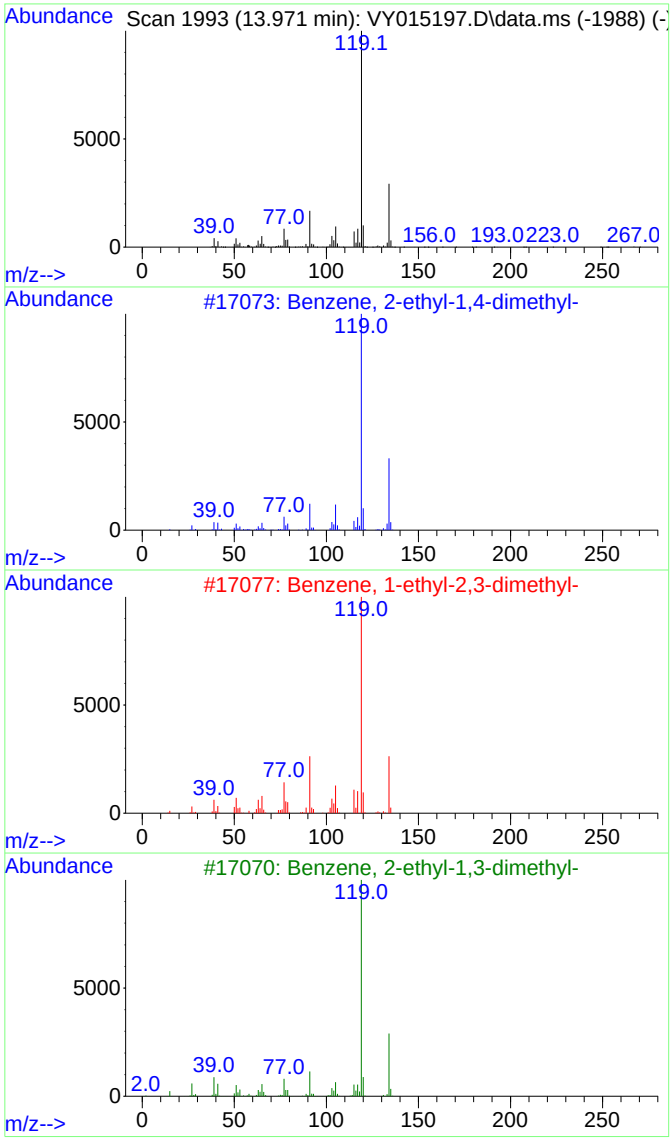
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

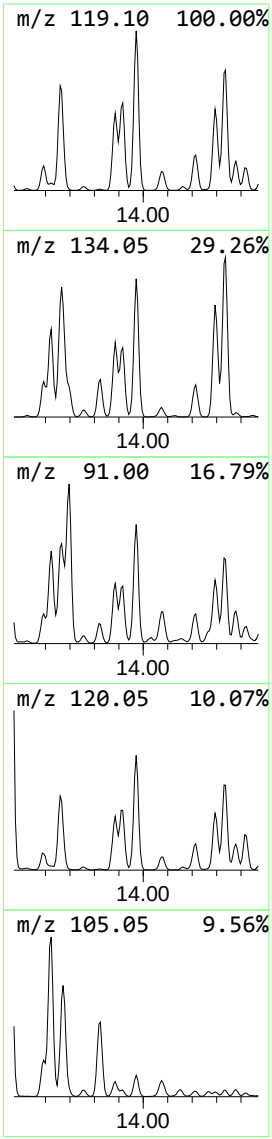
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	91.57 ug/l	1956090	1,4-Dichlorobenzene-d4	13.422

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





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Data File : VY015197.D
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Operator : SY/MD
Sample : 04086-08
Misc : 5.07g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

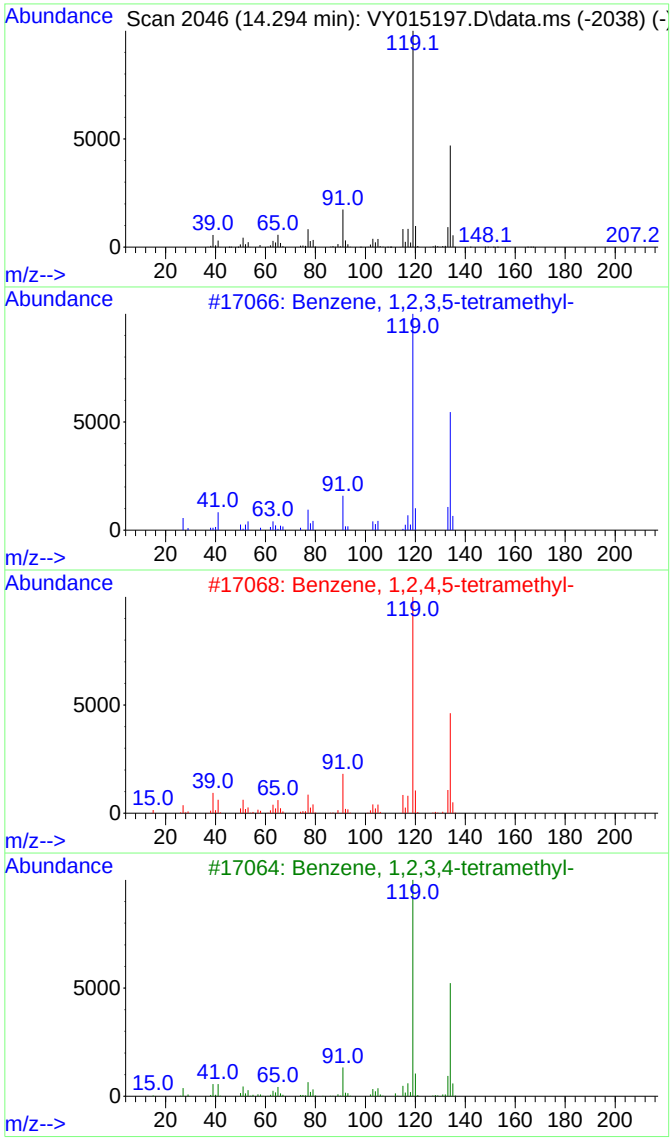
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

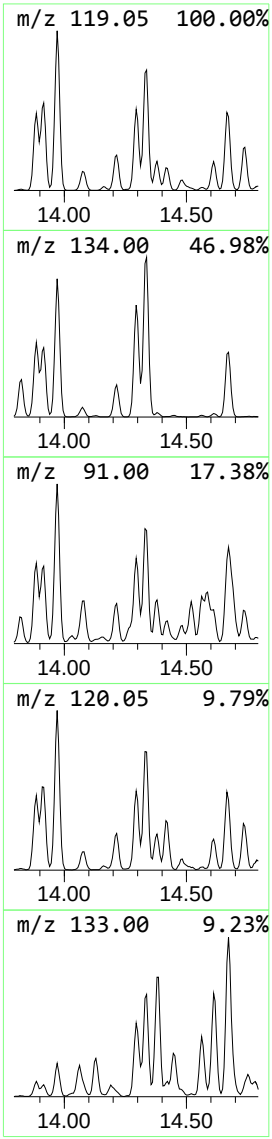
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	57.72 ug/l	1233010	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015197.D
Acq On : 18 Aug 2023 15:48
Operator : SY/MD
Sample : 04086-08
Misc : 5.07g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

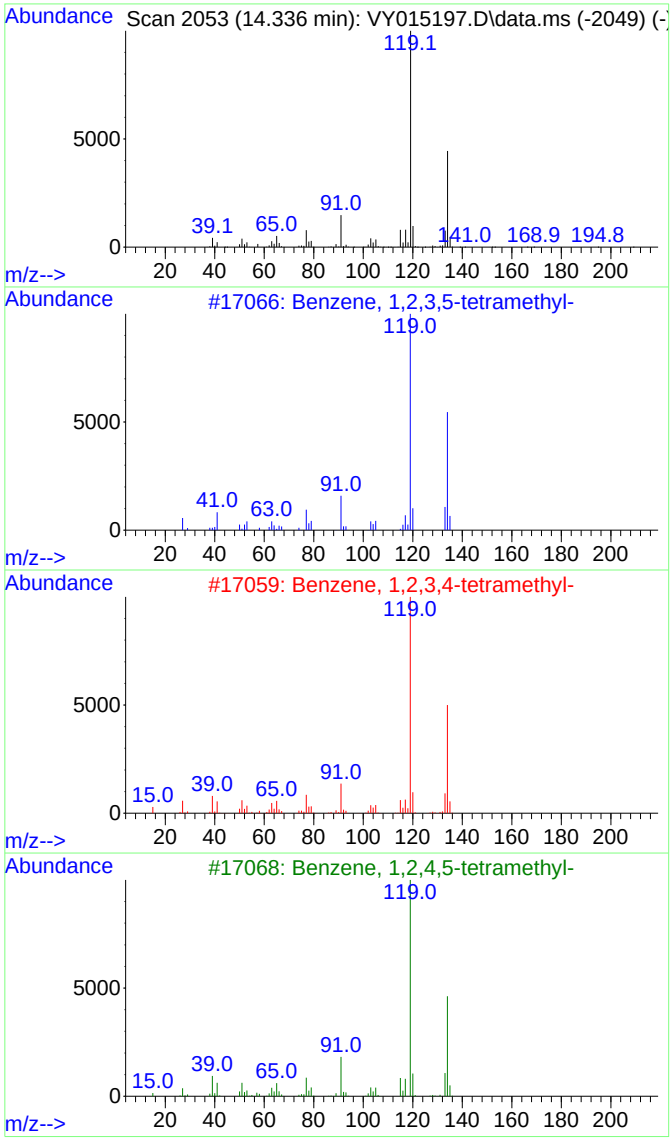
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

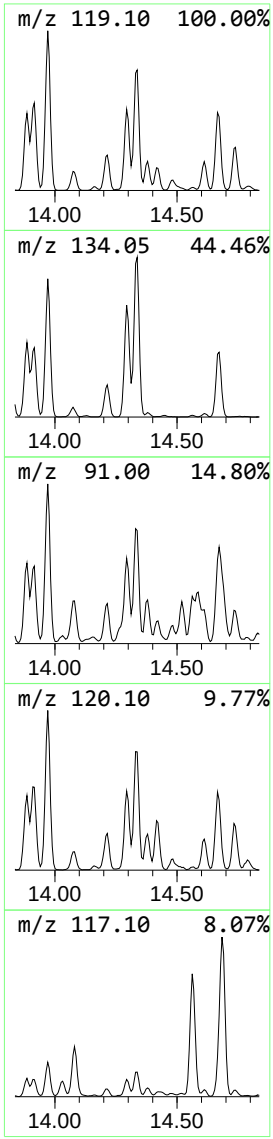
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.336	76.53 ug/l	1634880	1,4-Dichlorobenzene-d4	13.422

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	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015197.D
Acq On : 18 Aug 2023 15:48
Operator : SY/MD
Sample : 04086-08
Misc : 5.07g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

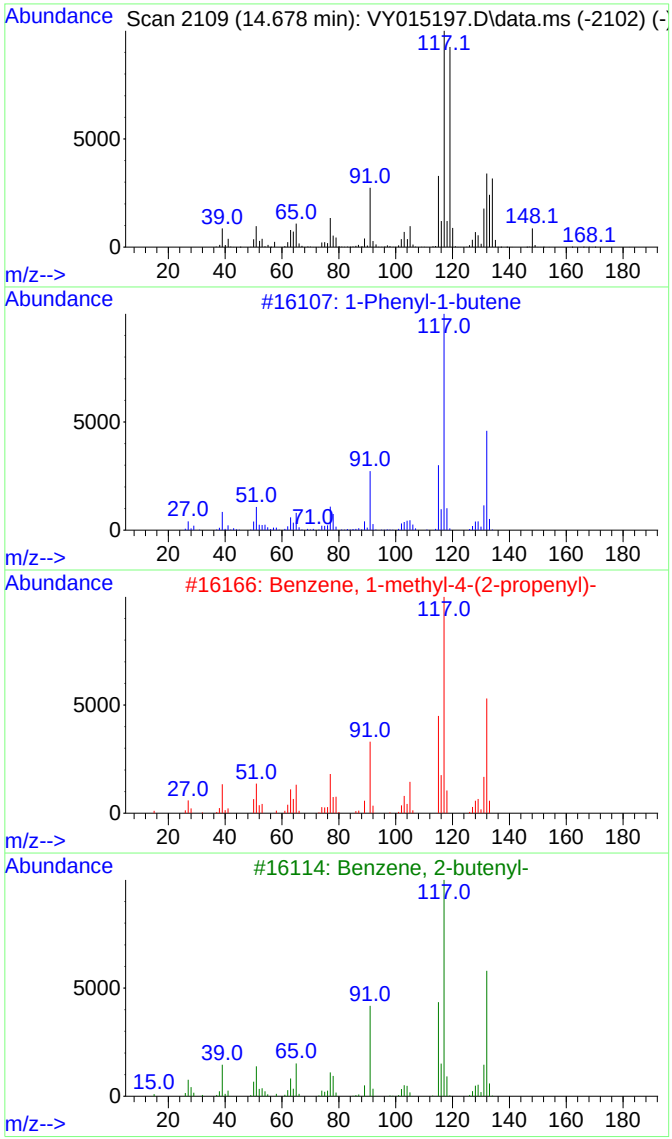
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

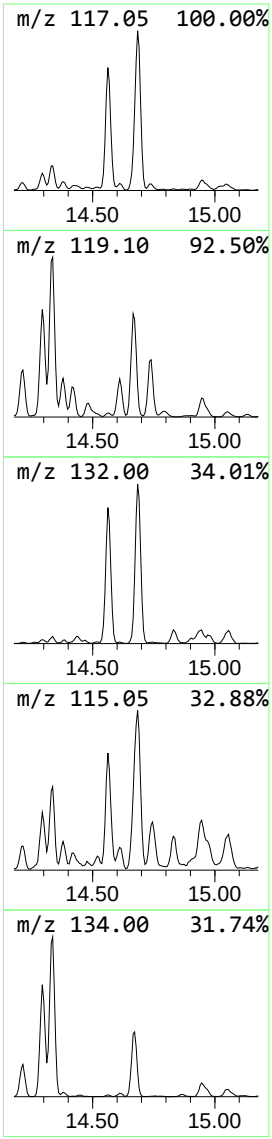
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	106.50 ug/l	2274960	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015197.D
Acq On : 18 Aug 2023 15:48
Operator : SY/MD
Sample : 04086-08
Misc : 5.07g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.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
Benzene, 1-ethy...	12.733	188.6	ug/l	4028030	4	13.422	1068090	50.0
Benzene, 1-ethy...	12.971	77.6	ug/l	1658270	4	13.422	1068090	50.0
Benzene, cyclop...	13.623	105.2	ug/l	2246800	4	13.422	1068090	50.0
Benzene, 2-ethy...	13.971	91.6	ug/l	1956090	4	13.422	1068090	50.0
Benzene, 1,2,3,...	14.294	57.7	ug/l	1233010	4	13.422	1068090	50.0
Benzene, 1,2,3,...	14.336	76.5	ug/l	1634880	4	13.422	1068090	50.0
1-Phenyl-1-butene	14.678	106.5	ug/l	2274960	4	13.422	1068090	50.0