LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
Data File : VY011075.D
Acq On : 24 Oct 2022 17:29
Operator : KP/MD
Sample : N5253-07
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

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\82Y101722S.M
Title : SW846 8260

Signal : TIC: VY011075.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.942	340	348	361	rBV	5692	15945	1.30%	0.170%
2	4.710	463	474	491	rBV2	25613	83067	6.77%	0.884%
3	6.972	834	845	856	rBV2	12299	36887	3.01%	0.392%
4	7.710	957	966	972	rBV	182836	438687	35.76%	4.666%
5	7.783	972	978	989	rVB	296847	675180	55.04%	7.182%
6	8.137	1027	1036	1048	rBV	168358	372896	30.40%	3.966%
7	8.326	1061	1067	1075	rVB2	4287	12349	1.01%	0.131%
8	8.685	1117	1126	1141	rBV	454322	887580	72.35%	9.441%
9	9.179	1195	1207	1213	rBV6	6936	18460	1.50%	0.196%
10	9.819	1306	1312	1315	rVV	10347	18875	1.54%	0.201%
11	9.959	1325	1335	1345	rVB3	11890	31766	2.59%	0.338%
12	10.179	1363	1371	1384	rBV	721090	1226796	100.00%	13.049%
13	10.368	1394	1402	1408	rVB7	7982	20001	1.63%	0.213%
14	10.618	1438	1443	1448	rVB5	5396	12472	1.02%	0.133%
15	10.904	1485	1490	1492	rBV	8955	13902	1.13%	0.148%
16	10.941	1492	1496	1504	rVB	19319	34934	2.85%	0.372%
17	11.276	1543	1551	1562	rVB5	24519	65543	5.34%	0.697%
18	11.380	1562	1568	1573	rBV3	20127	35395	2.89%	0.376%
19	11.490	1578	1586	1595	rBV	607613	991442	80.82%	10.546%
20	11.672	1611	1616	1620	rVV7	6641	17363	1.42%	0.185%
21	11.733	1620	1626	1630	rVV7	9021	25319	2.06%	0.269%
22	12.002	1664	1670	1677	rBV8	11383	29470	2.40%	0.313%
23	12.118	1685	1689	1693	rVB	9260	12915	1.05%	0.137%
24	12.197	1693	1702	1706	rBV7	9316	20517	1.67%	0.218%
25	12.325	1719	1723	1728	rBV3	11760	24242	1.98%	0.258%
26	12.477	1743	1748	1759	rVB2	507134	841403	68.59%	8.950%
27	12.666	1774	1779	1784	rVB	52863	79667	6.49%	0.847%
28	12.764	1791	1795	1798	rBV	19358	29201	2.38%	0.311%
29	12.813	1798	1803	1808	rVB3	26390	48256	3.93%	0.513%
30	13.117	1846	1853	1858	rVV	30785	50520	4.12%	0.537%
31	13.361	1889	1893	1896	rVV3	12585	18994	1.55%	0.202%
32	13.422	1896	1903	1913	rVV	581587	882759	71.96%	9.390%
33	13.495	1913	1915	1923	rVB4	8175	15033	1.23%	0.160%
34	13.587	1925	1930	1934	rBV	66742	106751	8.70%	1.135%
35	13.623	1934	1936	1939	rVV2	23433	31802	2.59%	0.338%
36	13.672	1939	1944	1952	rVB3	53691	132335	10.79%	1.408%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
Data File : VY011075.D
Acq On : 24 Oct 2022 17:29
Operator : KP/MD
Sample : N5253-07
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

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\82Y101722S.M
Title : SW846 8260

37	13.751	1952	1957	1962	rBV2	17224	27181	2.22%	0.289%
38	13.886	1974	1979	1987	rBV2	28481	64892	5.29%	0.690%
39	13.971	1987	1993	1998	rVV	184160	285392	23.26%	3.036%
40	14.026	1998	2002	2005	rVV	19612	29383	2.40%	0.313%
41	14.075	2005	2010	2016	rVB	80600	133209	10.86%	1.417%
42	14.148	2016	2022	2027	rBV5	10730	20090	1.64%	0.214%
43	14.215	2027	2033	2037	rBV5	13745	28849	2.35%	0.307%
44	14.294	2037	2046	2050	rVV	102968	178199	14.53%	1.895%
45	14.331	2050	2052	2056	rVV	34924	41822	3.41%	0.445%
46	14.373	2056	2059	2064	rVV	36742	56330	4.59%	0.599%
47	14.477	2073	2076	2079	rVV	10422	15068	1.23%	0.160%
48	14.513	2079	2082	2086	rVV2	9281	13670	1.11%	0.145%
49	14.562	2086	2090	2095	rVV	68673	114564	9.34%	1.219%
50	14.611	2095	2098	2102	rVB2	30238	41350	3.37%	0.440%
51	14.678	2102	2109	2115	rBV3	132005	260845	21.26%	2.775%
52	14.733	2115	2118	2124	rVB	36452	55657	4.54%	0.592%
53	14.904	2137	2146	2147	rBV4	17260	26337	2.15%	0.280%
54	14.940	2147	2152	2156	rVV2	74223	144217	11.76%	1.534%
55	14.977	2156	2158	2164	rVV2	30353	49921	4.07%	0.531%
56	15.050	2164	2170	2177	rVB2	59696	123014	10.03%	1.308%
57	15.202	2188	2195	2196	rBV3	9371	14572	1.19%	0.155%
58	15.233	2198	2200	2205	rVB2	14409	18700	1.52%	0.199%
59	15.343	2205	2218	2222	rBV5	24287	63054	5.14%	0.671%
60	15.391	2222	2226	2231	rVB2	16768	26561	2.17%	0.283%
61	15.525	2241	2248	2253	rBV	25771	48526	3.96%	0.516%
62	15.690	2264	2275	2284	rBV4	15934	53413	4.35%	0.568%
63	15.812	2290	2295	2300	rVV	9652	16878	1.38%	0.180%
64	15.885	2300	2307	2313	rVB3	10618	23825	1.94%	0.253%
65	16.288	2367	2373	2379	rBV	19522	36220	2.95%	0.385%
66	16.483	2398	2405	2413	rBV	14433	30847	2.51%	0.328%

Sum of corrected areas: 9401310

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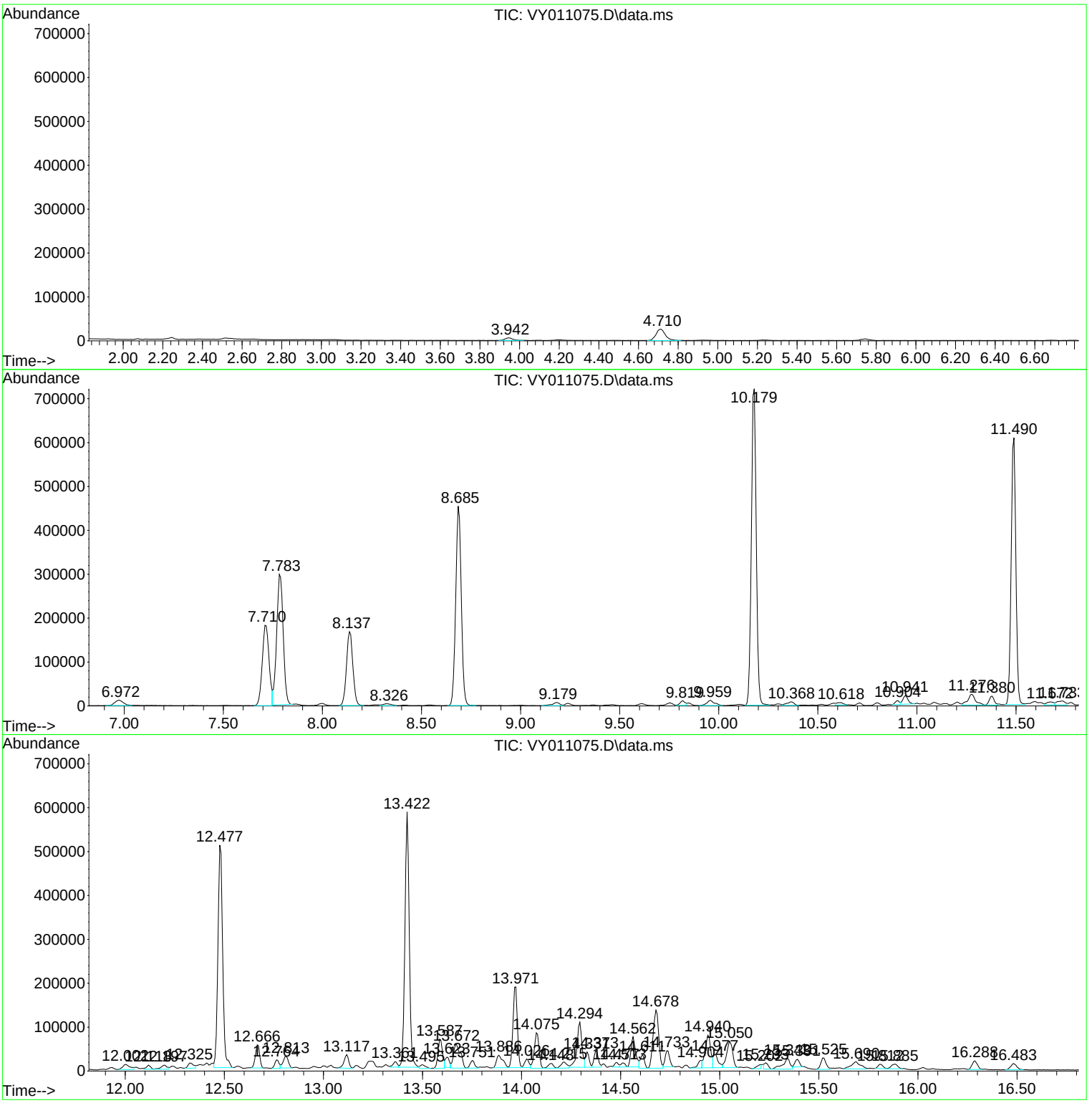
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
Data File : VY011075.D
Acq On : 24 Oct 2022 17:29
Operator : KP/MD
Sample : N5253-07
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

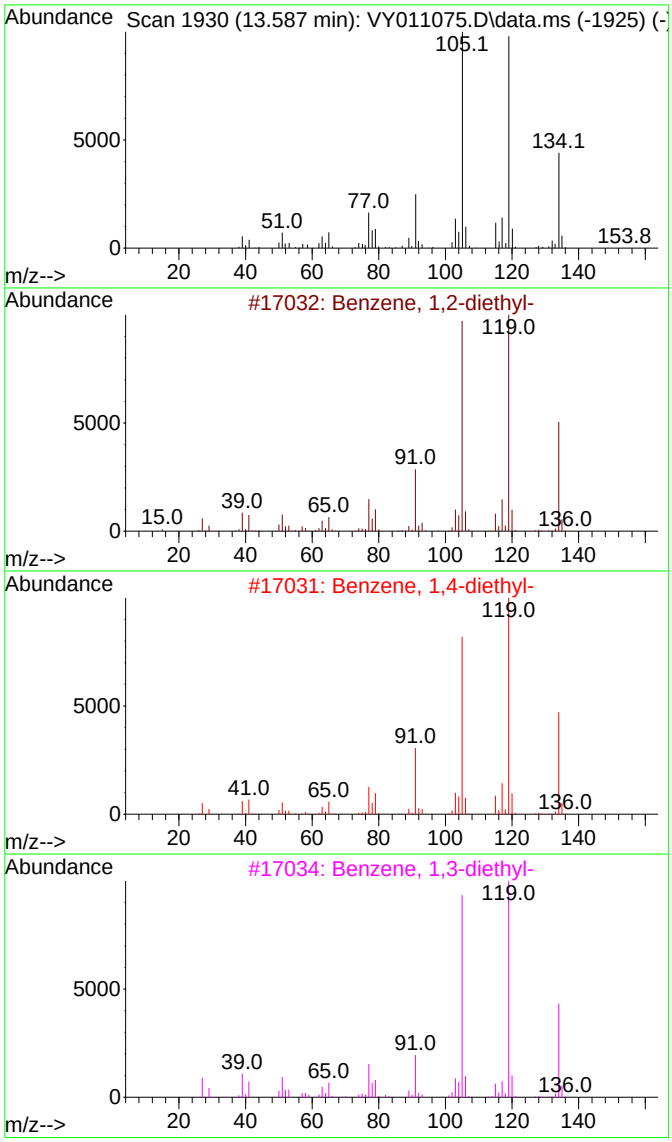
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

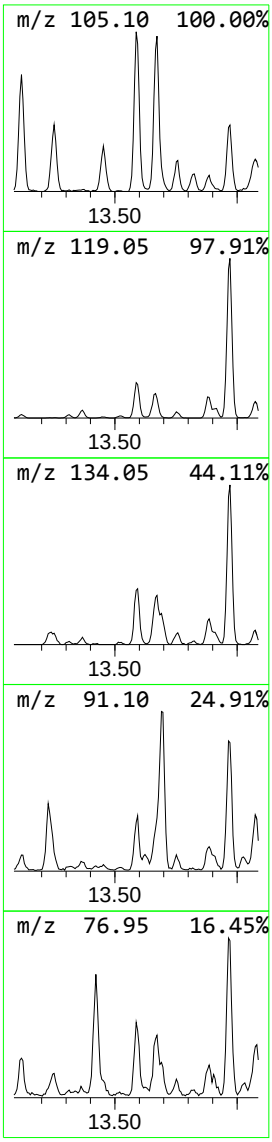
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.587	6.05 ug/l	106751	1,4-Dichlorobenzene-d4	13.422

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	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
Data File : VY011075.D
Acq On : 24 Oct 2022 17:29
Operator : KP/MD
Sample : N5253-07
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

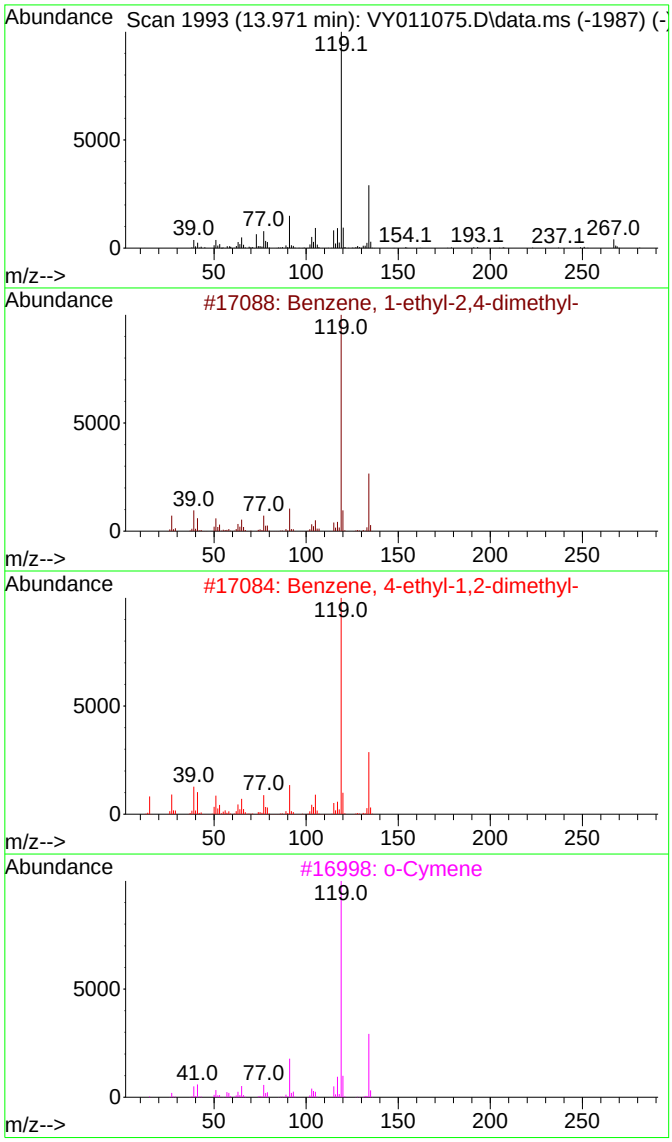
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

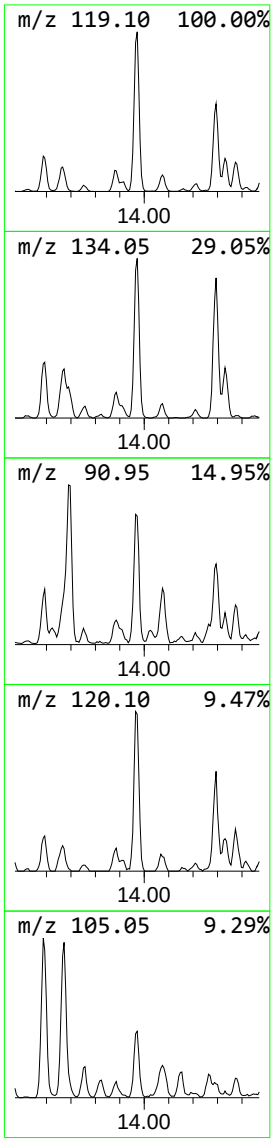
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	16.16 ug/l	285392	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
Data File : VY011075.D
Acq On : 24 Oct 2022 17:29
Operator : KP/MD
Sample : N5253-07
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

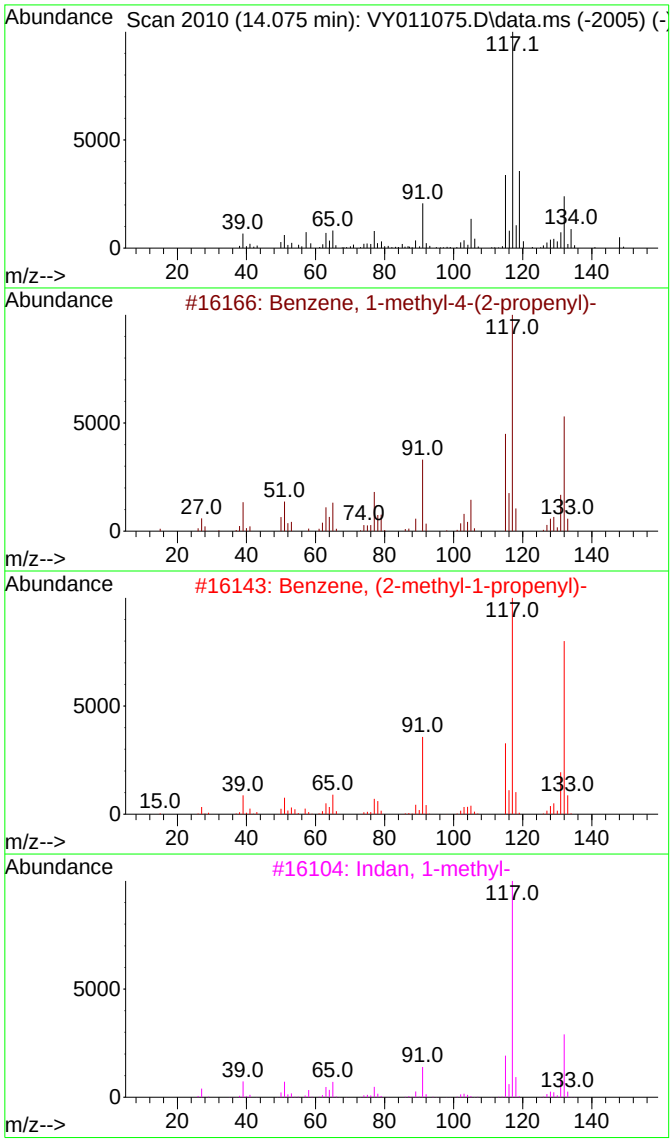
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

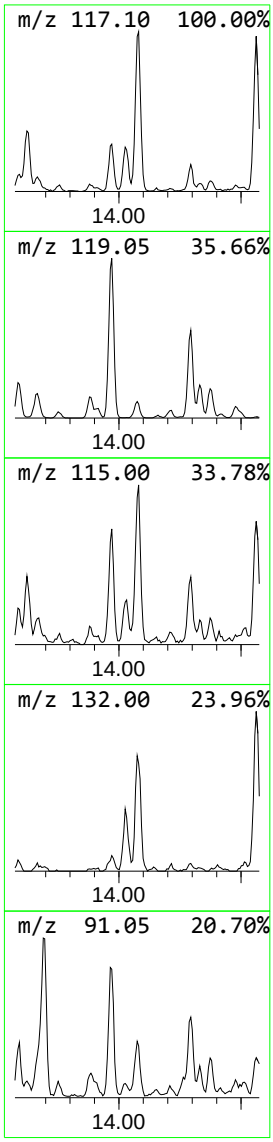
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-methyl-4-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.075	7.55 ug/l	133209	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72
3	Indan, 1-methyl-	132	C10H12	000767-58-8	70
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
Data File : VY011075.D
Acq On : 24 Oct 2022 17:29
Operator : KP/MD
Sample : N5253-07
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

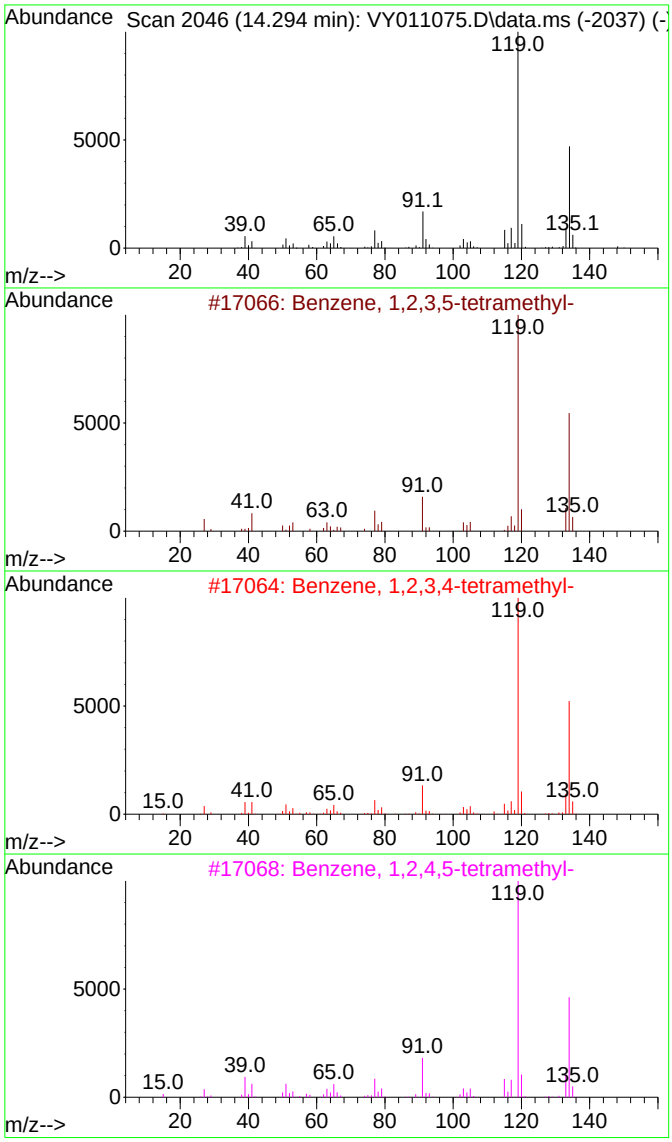
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

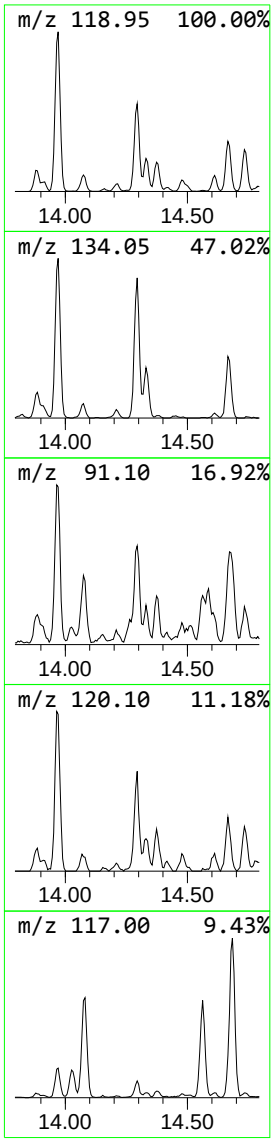
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	10.09 ug/l	178199	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	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	o-Cymene	134	C10H14	000527-84-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
Data File : VY011075.D
Acq On : 24 Oct 2022 17:29
Operator : KP/MD
Sample : N5253-07
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

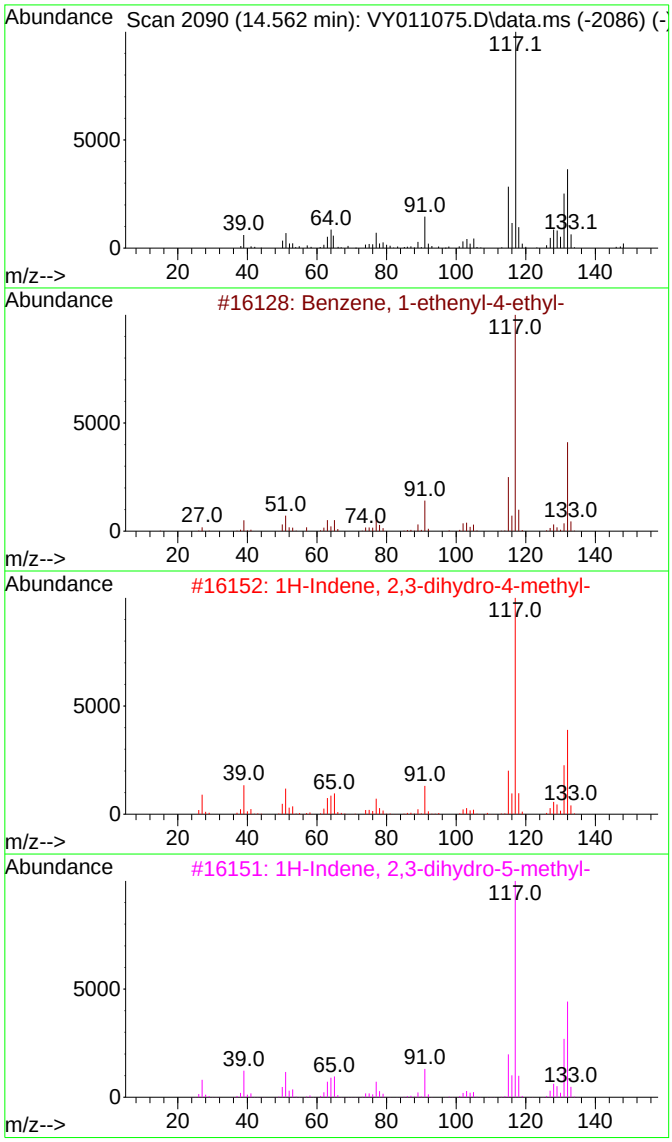
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

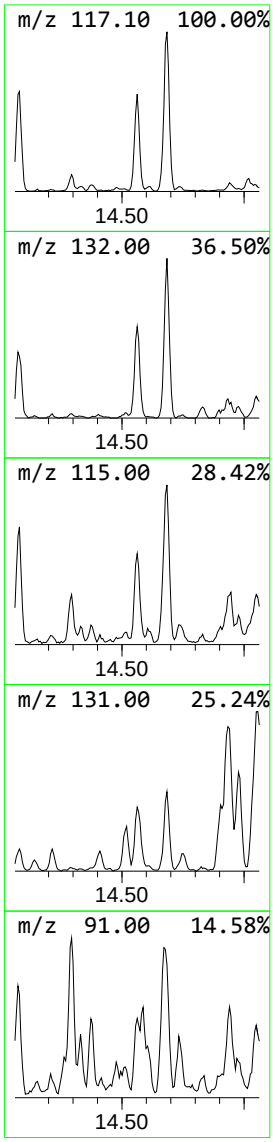
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	6.49 ug/l	114564	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
Data File : VY011075.D
Acq On : 24 Oct 2022 17:29
Operator : KP/MD
Sample : N5253-07
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

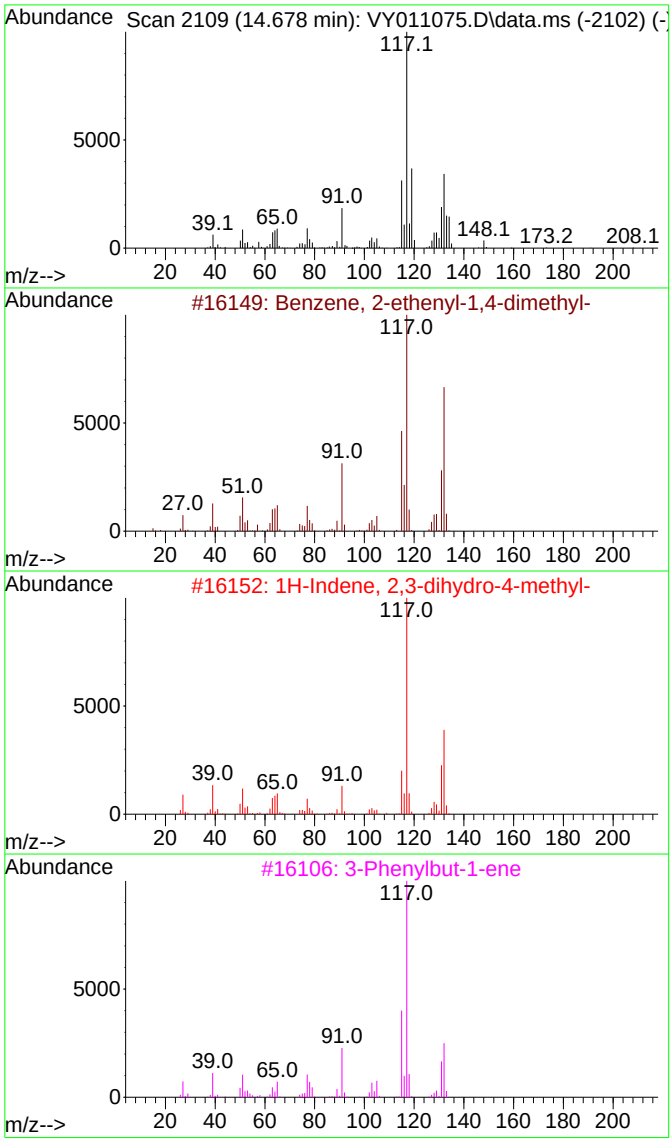
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

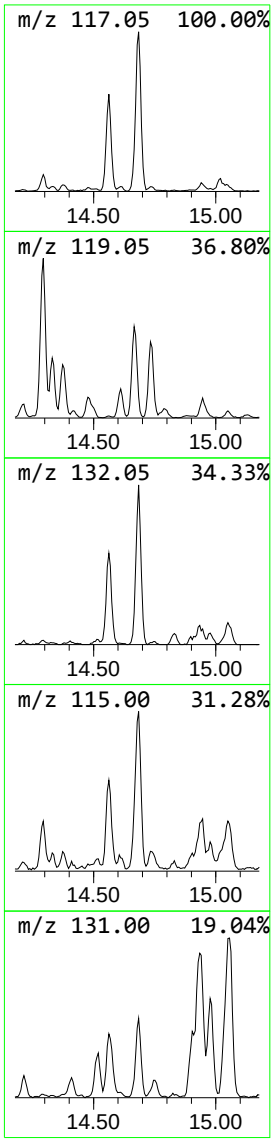
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	14.77 ug/l	260845	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
Data File : VY011075.D
Acq On : 24 Oct 2022 17:29
Operator : KP/MD
Sample : N5253-07
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

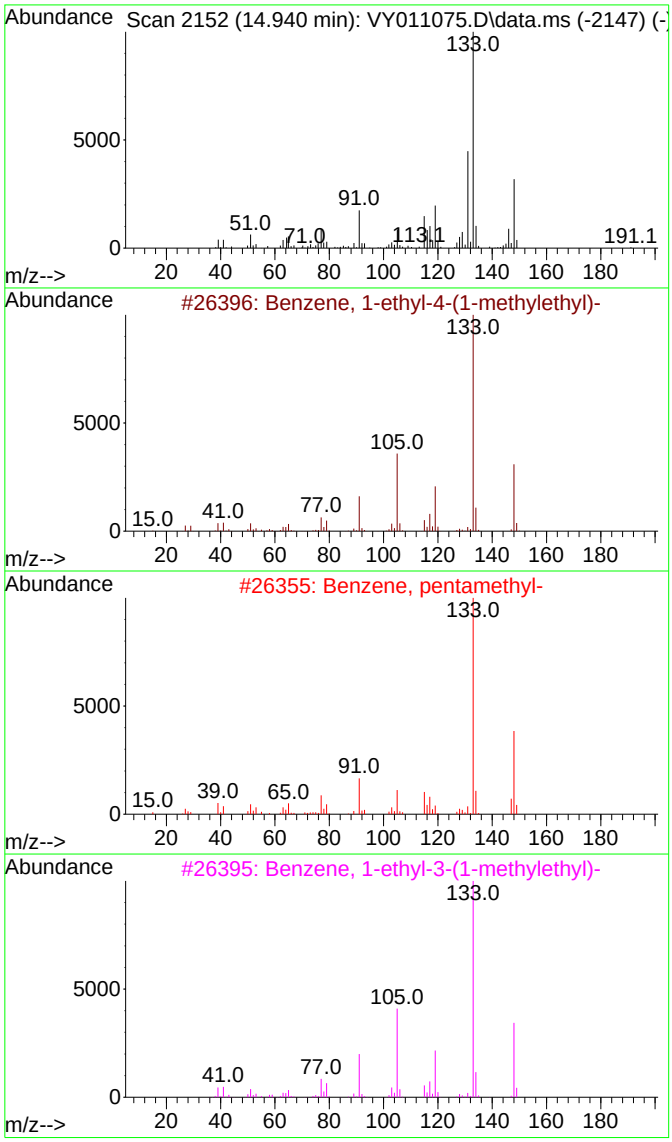
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

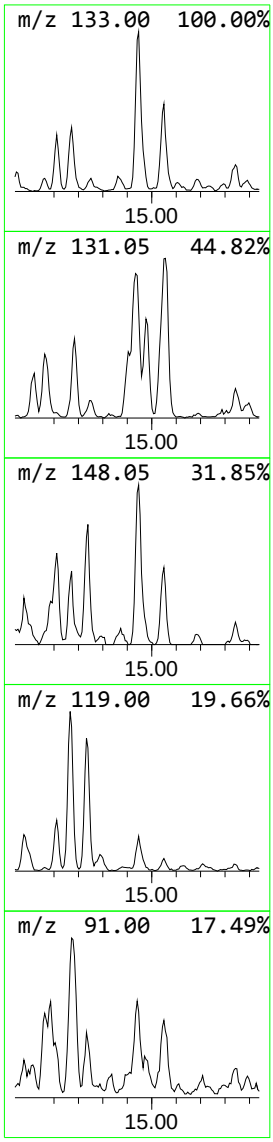
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	8.17 ug/l	144217	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	58
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	58
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
Data File : VY011075.D
Acq On : 24 Oct 2022 17:29
Operator : KP/MD
Sample : N5253-07
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

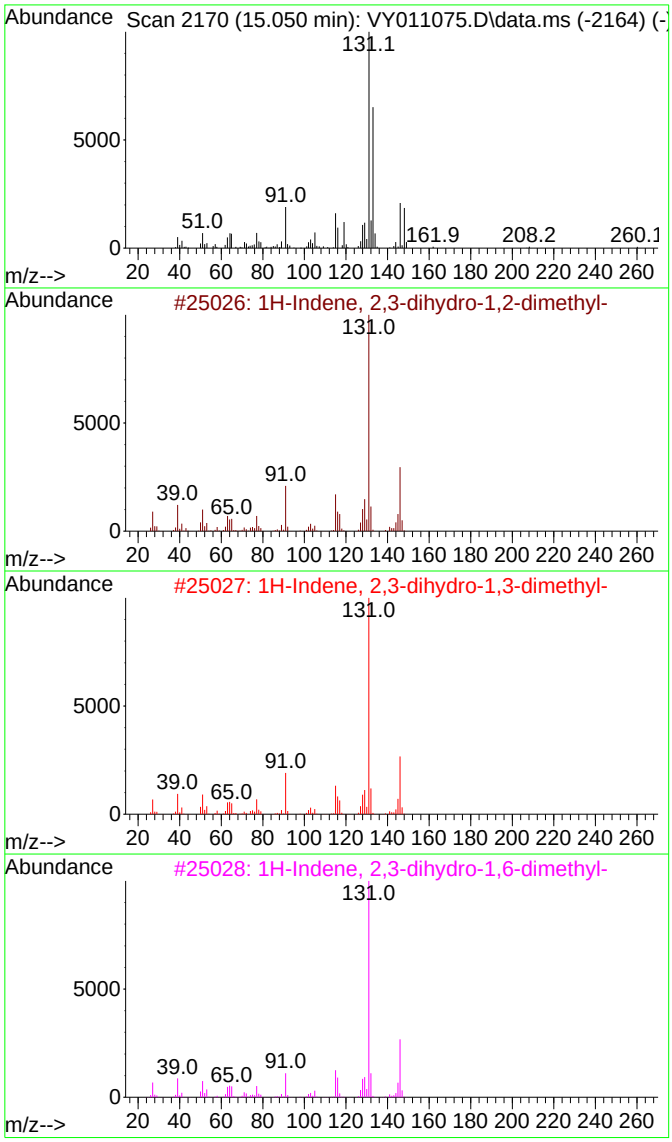
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

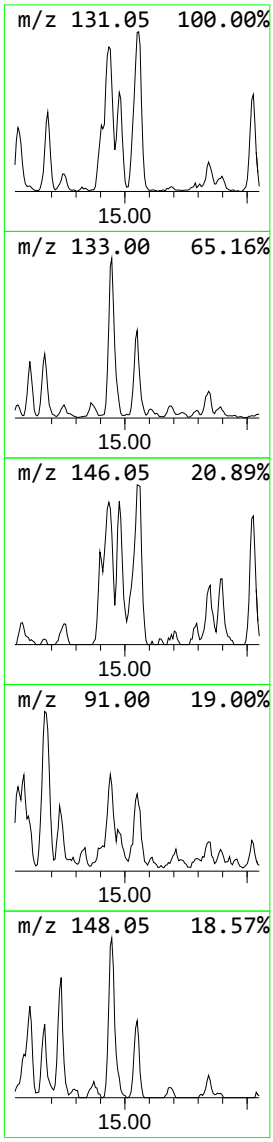
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.050	6.97 ug/l	123014	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
Data File : VY011075.D
Acq On : 24 Oct 2022 17:29
Operator : KP/MD
Sample : N5253-07
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124019

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.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, 1,2-di...	13.587	6.0	ug/l	106751	4	13.422	882759	50.0
Benzene, 1-ethy...	13.971	16.2	ug/l	285392	4	13.422	882759	50.0
Benzene, 1-meth...	14.075	7.5	ug/l	133209	4	13.422	882759	50.0
Benzene, 1,2,3,...	14.294	10.1	ug/l	178199	4	13.422	882759	50.0
Benzene, 1-ethe...	14.562	6.5	ug/l	114564	4	13.422	882759	50.0
Benzene, 2-ethe...	14.678	14.8	ug/l	260845	4	13.422	882759	50.0
Benzene, 1-ethy...	14.940	8.2	ug/l	144217	4	13.422	882759	50.0
1H-Indene, 2,3-...	15.050	7.0	ug/l	123014	4	13.422	882759	50.0