LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005312.D
Acq On : 01 Jul 2021 14:28
Operator : SY/MD
Sample : M2896-01
Misc : 7.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : FS-01

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\82Y062221S.M
Title : SW846 8260

Signal : TIC: VY005312.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.869	3	8	23	rVB	53807	83314	5.58%	0.785%
2	2.229	60	67	77	rBV2	13138	30230	2.03%	0.285%
3	3.966	340	352	372	rBV	60383	183947	12.33%	1.734%
4	4.204	381	391	404	rBV	5939	18076	1.21%	0.170%
5	4.729	467	477	494	rBV4	8845	33713	2.26%	0.318%
6	7.003	841	850	861	rBV2	13892	37297	2.50%	0.352%
7	7.728	958	969	974	rBV	137851	328388	22.01%	3.096%
8	7.795	974	980	991	rVB	228655	517215	34.66%	4.876%
9	8.149	1028	1038	1051	rBV	145129	316098	21.18%	2.980%
10	8.551	1095	1104	1114	rVB5	9231	21066	1.41%	0.199%
11	8.697	1119	1128	1139	rBV	346333	698702	46.82%	6.587%
12	10.185	1363	1372	1378	rBV	578528	990163	66.35%	9.335%
13	10.246	1378	1382	1387	rVB	20279	32600	2.18%	0.307%
14	10.374	1395	1403	1410	rBV2	21063	38034	2.55%	0.359%
15	11.276	1547	1551	1565	rVB6	6212	18553	1.24%	0.175%
16	11.496	1578	1587	1597	rBV	513383	847736	56.81%	7.992%
17	11.593	1597	1603	1609	rBV	24109	38928	2.61%	0.367%
18	11.703	1609	1621	1634	rVV3	82666	171683	11.50%	1.619%
19	12.032	1666	1675	1683	rBV	56854	97696	6.55%	0.921%
20	12.239	1704	1709	1718	rVV2	49616	88801	5.95%	0.837%
21	12.325	1718	1723	1728	rVV2	25748	48164	3.23%	0.454%
22	12.489	1740	1750	1759	rBV2	858975	1492296	100.00%	14.069%
23	12.672	1776	1780	1786	rVV	23744	36086	2.42%	0.340%
24	12.733	1786	1790	1793	rVV	31194	48184	3.23%	0.454%
25	12.770	1793	1796	1799	rVV	28876	47909	3.21%	0.452%
26	12.806	1799	1802	1809	rVB3	26689	49013	3.28%	0.462%
27	12.971	1821	1829	1837	rVB	43993	77850	5.22%	0.734%
28	13.081	1837	1847	1849	rBV7	10012	25285	1.69%	0.238%
29	13.123	1849	1854	1859	rVB	55640	83020	5.56%	0.783%
30	13.251	1868	1875	1877	rBV5	8949	21285	1.43%	0.201%
31	13.428	1898	1904	1913	rVB	458748	727611	48.76%	6.860%
32	13.593	1925	1931	1933	rBV	28062	41563	2.79%	0.392%
33	13.629	1933	1937	1941	rVV	103665	152418	10.21%	1.437%
34	13.672	1941	1944	1946	rVV2	12754	15360	1.03%	0.145%
35	13.757	1954	1958	1964	rBV4	16120	24238	1.62%	0.229%
36	13.824	1964	1969	1976	rVB	27345	46770	3.13%	0.441%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005312.D
Acq On : 01 Jul 2021 14:28
Operator : SY/MD
Sample : M2896-01
Misc : 7.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : FS-01

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\82Y062221S.M
Title : SW846 8260

37	13.916	1981	1984	1988	rVB2	12111	15352	1.03%	0.145%
38	13.971	1988	1993	1998	rVB2	52364	84130	5.64%	0.793%
39	14.032	1999	2003	2006	rBV	17645	24953	1.67%	0.235%
40	14.081	2006	2011	2017	rVB	87350	135003	9.05%	1.273%
41	14.215	2024	2033	2037	rVB7	10950	27898	1.87%	0.263%
42	14.270	2037	2042	2050	rBV2	58833	115053	7.71%	1.085%
43	14.391	2050	2062	2066	rBV	216011	511348	34.27%	4.821%
44	14.568	2086	2091	2103	rVB3	68127	187513	12.57%	1.768%
45	14.684	2103	2110	2116	rBV3	52000	124623	8.35%	1.175%
46	14.751	2117	2121	2130	rVB4	13772	23780	1.59%	0.224%
47	14.836	2130	2135	2140	rBV	39086	61389	4.11%	0.579%
48	14.946	2148	2153	2162	rVB3	37802	93613	6.27%	0.883%
49	15.062	2163	2172	2178	rVB3	26599	67030	4.49%	0.632%
50	15.196	2184	2194	2209	rBV3	131591	458845	30.75%	4.326%
51	15.318	2209	2214	2224	rVV	219938	408760	27.39%	3.854%
52	15.403	2224	2228	2232	rVB	44628	66707	4.47%	0.629%
53	15.525	2242	2248	2256	rBV4	15112	38427	2.58%	0.362%
54	15.611	2256	2262	2267	rBV6	12270	28535	1.91%	0.269%
55	15.855	2291	2302	2315	rBV5	33250	147835	9.91%	1.394%
56	15.964	2315	2320	2322	rBV2	9293	17291	1.16%	0.163%
57	16.001	2322	2326	2329	rBV2	9537	16232	1.09%	0.153%
58	16.135	2343	2348	2354	rVV2	38383	80044	5.36%	0.755%
59	16.208	2354	2360	2366	rVV2	52162	131643	8.82%	1.241%
60	16.281	2367	2372	2380	rVB4	42352	102058	6.84%	0.962%
61	16.434	2390	2397	2401	rBV2	32085	73435	4.92%	0.692%
62	16.696	2434	2440	2448	rVB4	15910	36209	2.43%	0.341%

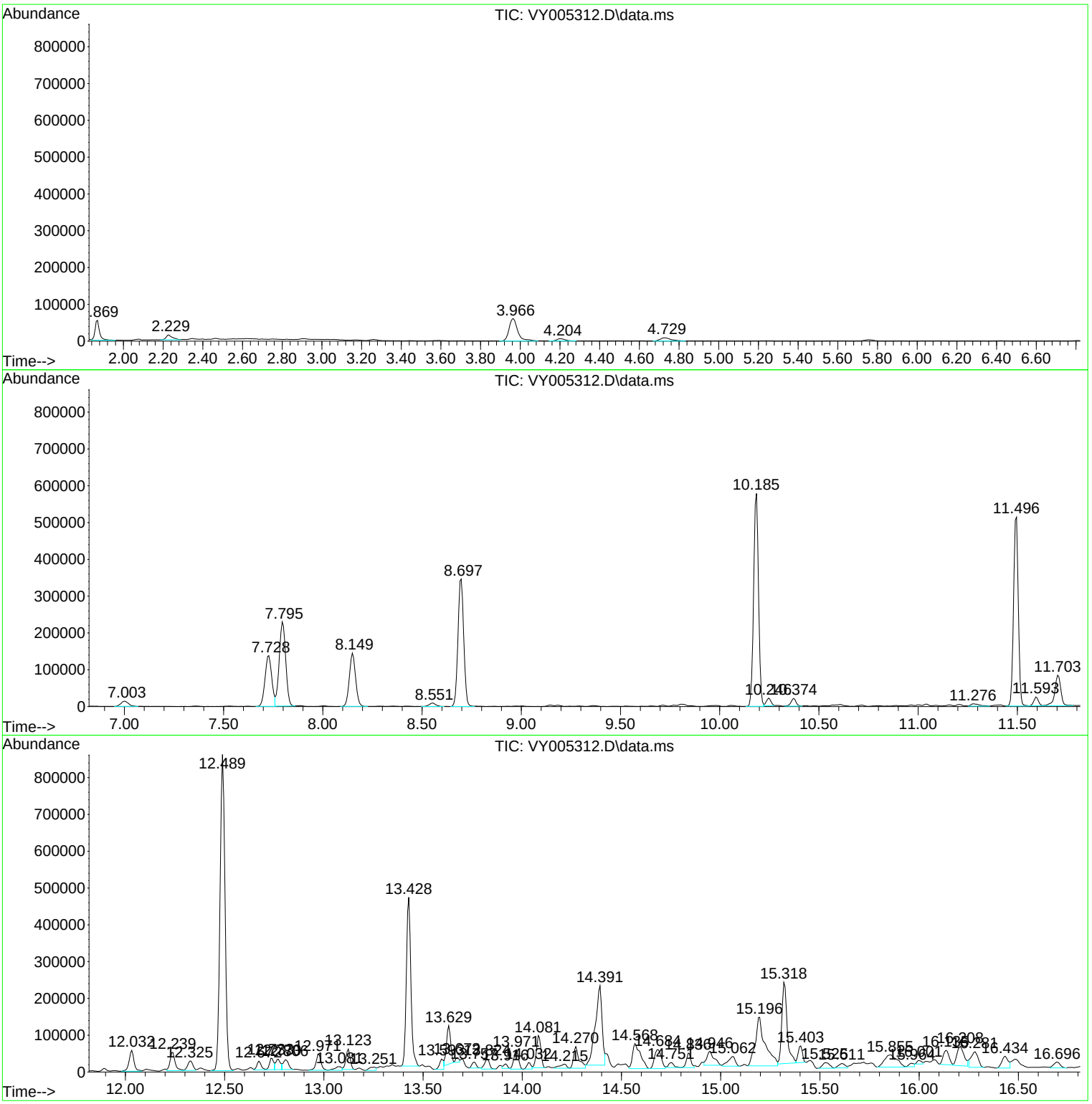
Sum of corrected areas: 10606998

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005312.D
Acq On : 01 Jul 2021 14:28
Operator : SY/MD
Sample : M2896-01
Misc : 7.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FS-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005312.D
Acq On : 01 Jul 2021 14:28
Operator : SY/MD
Sample : M2896-01
Misc : 7.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : FS-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

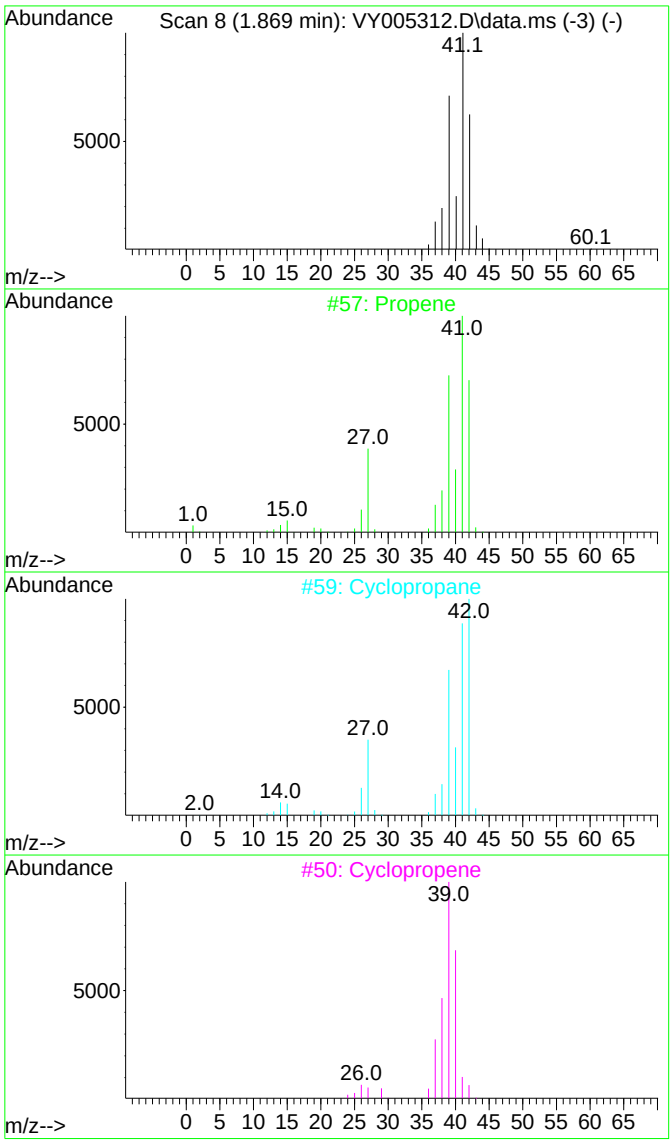
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

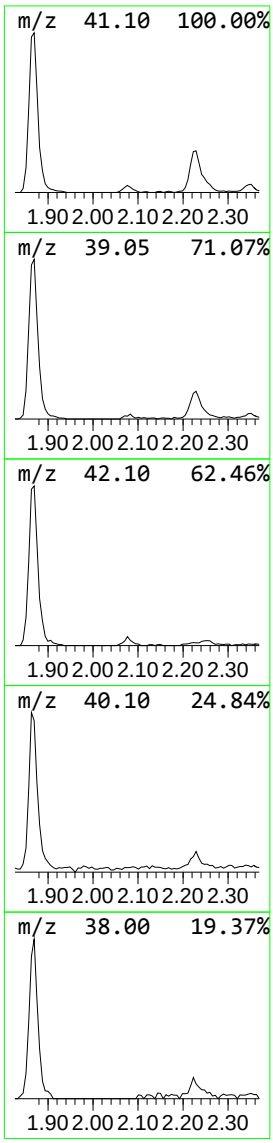
****

Peak Number 1 Propene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.869	8.05 ug/l	83314	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	47
3	Cyclopropene	40	C3H4	002781-85-3	37
4	Cyanamide	42	CH2N2	000420-04-2	4
5	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005312.D
Acq On : 01 Jul 2021 14:28
Operator : SY/MD
Sample : M2896-01
Misc : 7.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : FS-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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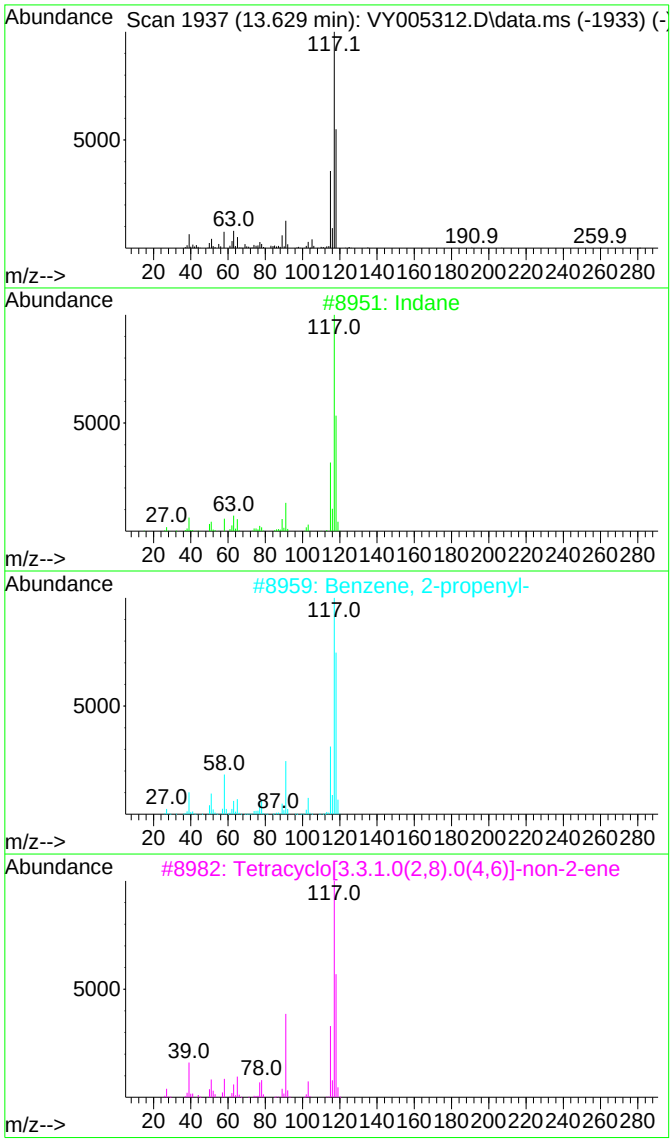
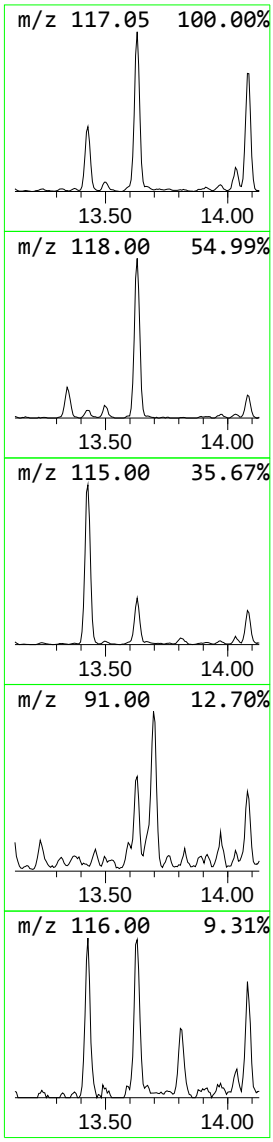
Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	10.47 ug/l	152418	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005312.D
Acq On : 01 Jul 2021 14:28
Operator : SY/MD
Sample : M2896-01
Misc : 7.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FS-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

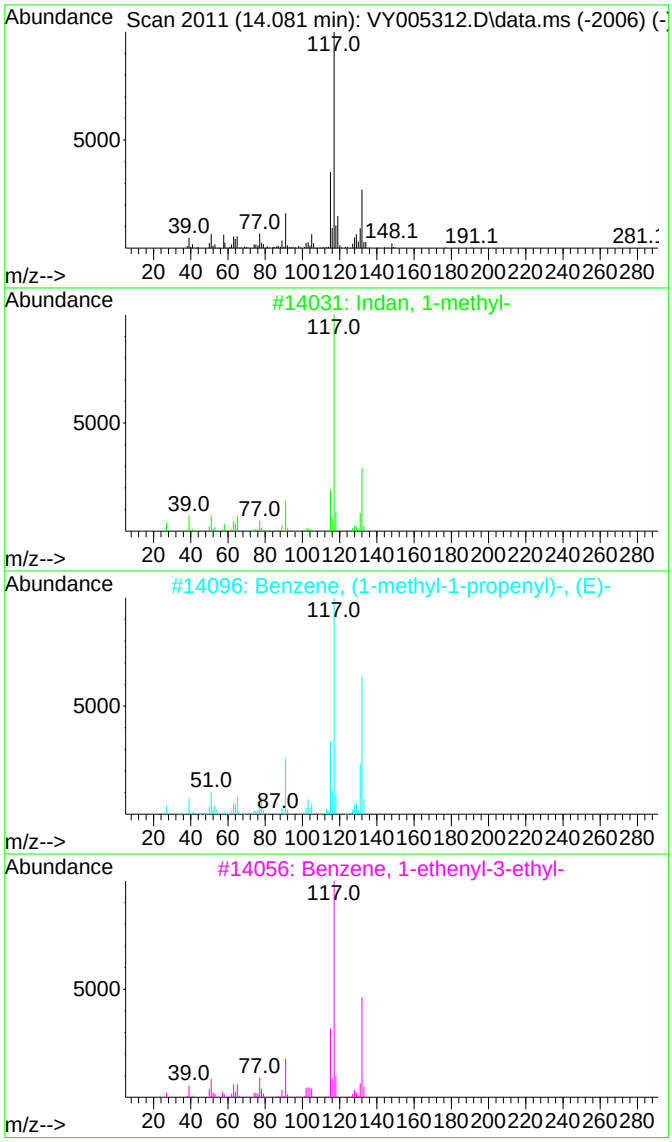
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

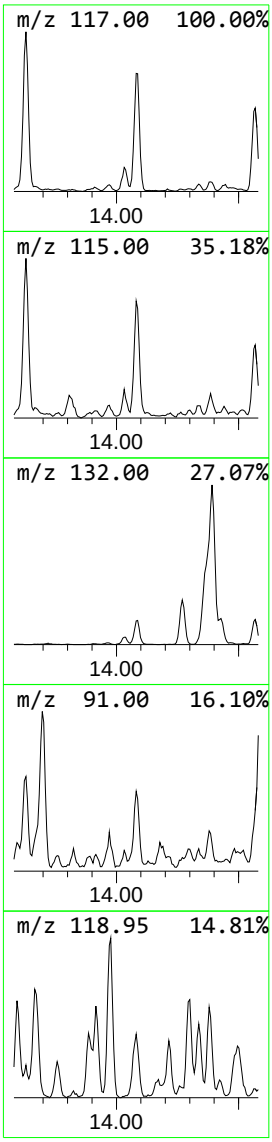
****

Peak Number 3 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	9.28 ug/l	135003	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005312.D
Acq On : 01 Jul 2021 14:28
Operator : SY/MD
Sample : M2896-01
Misc : 7.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : FS-01

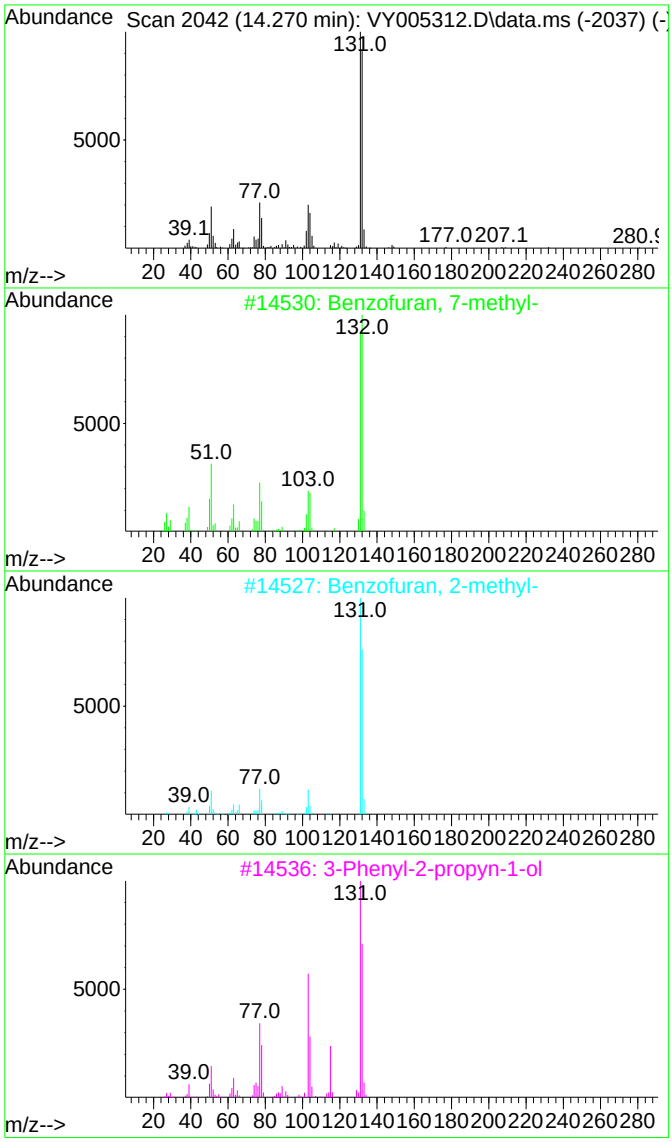
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

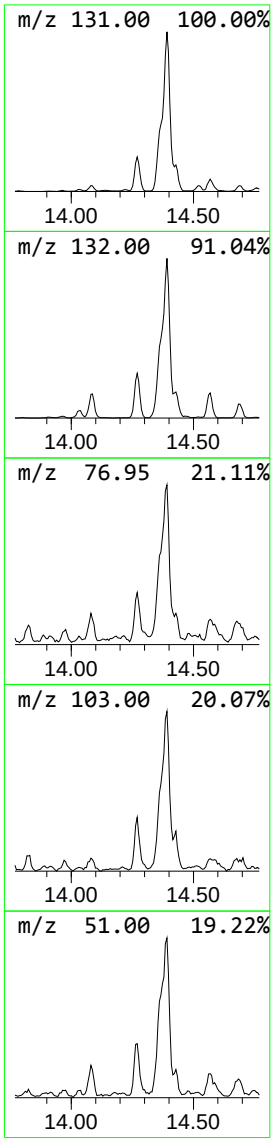
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzofuran, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.270	7.91 ug/l	115053	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005312.D
Acq On : 01 Jul 2021 14:28
Operator : SY/MD
Sample : M2896-01
Misc : 7.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FS-01

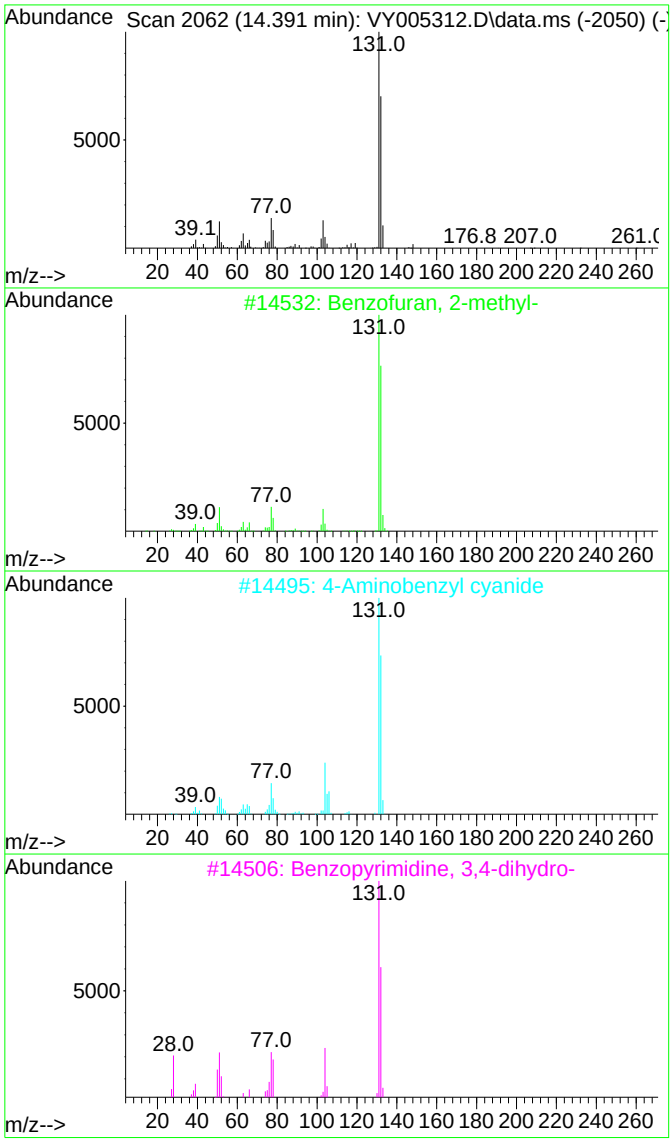
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

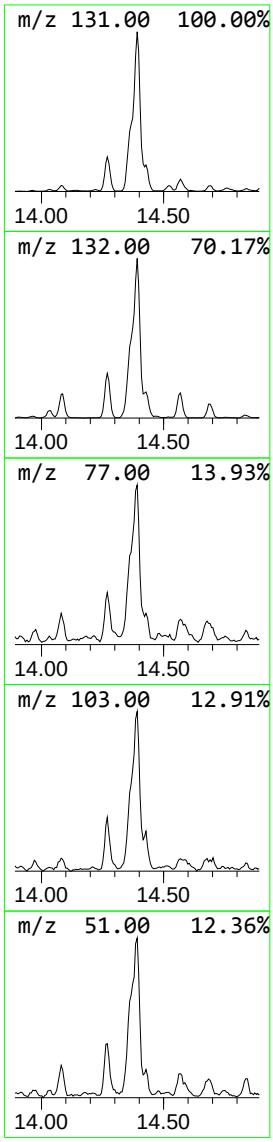
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.392	35.14 ug/l	511348	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	97
2	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	80
3	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	72
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	70
5	1H-Indenol	132	C9H8O	056631-57-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005312.D
Acq On : 01 Jul 2021 14:28
Operator : SY/MD
Sample : M2896-01
Misc : 7.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FS-01

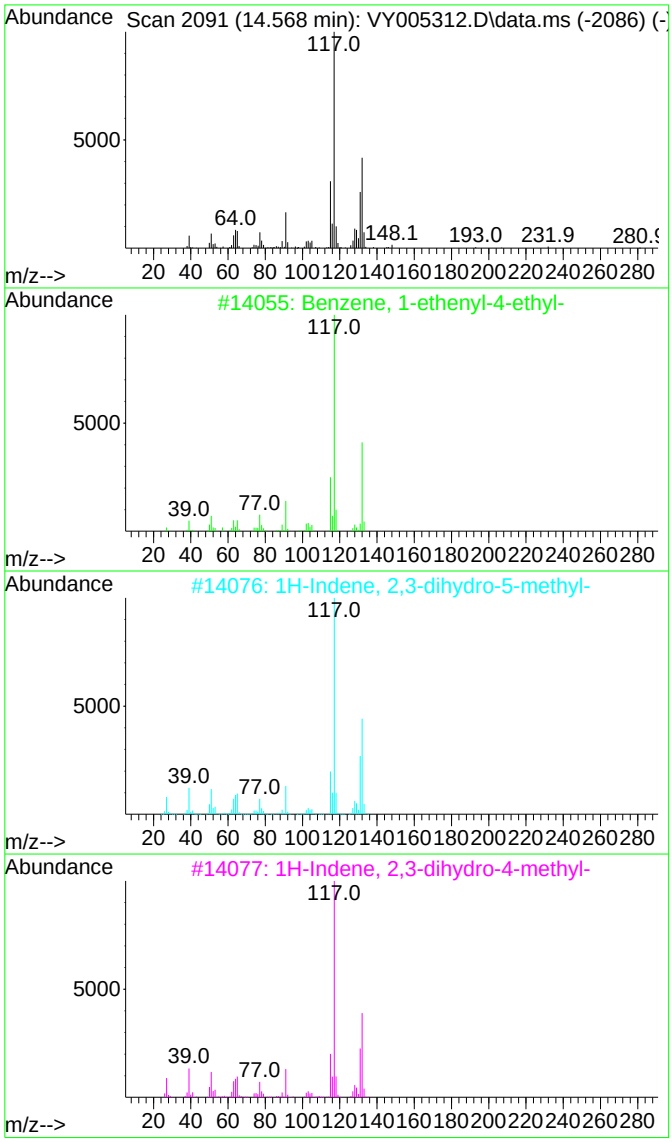
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

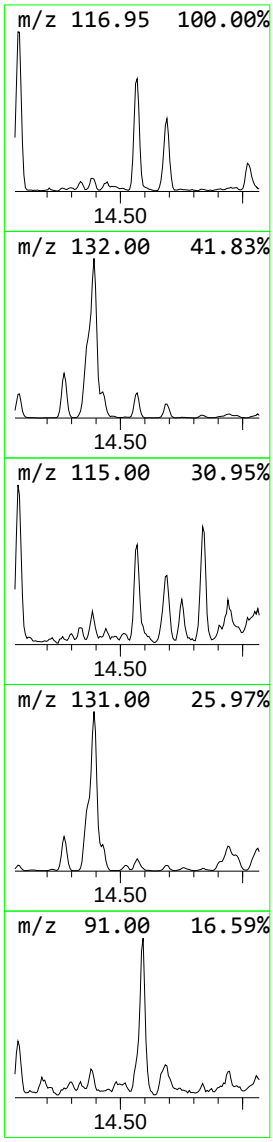
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.568	12.89 ug/l	187513	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005312.D
Acq On : 01 Jul 2021 14:28
Operator : SY/MD
Sample : M2896-01
Misc : 7.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FS-01

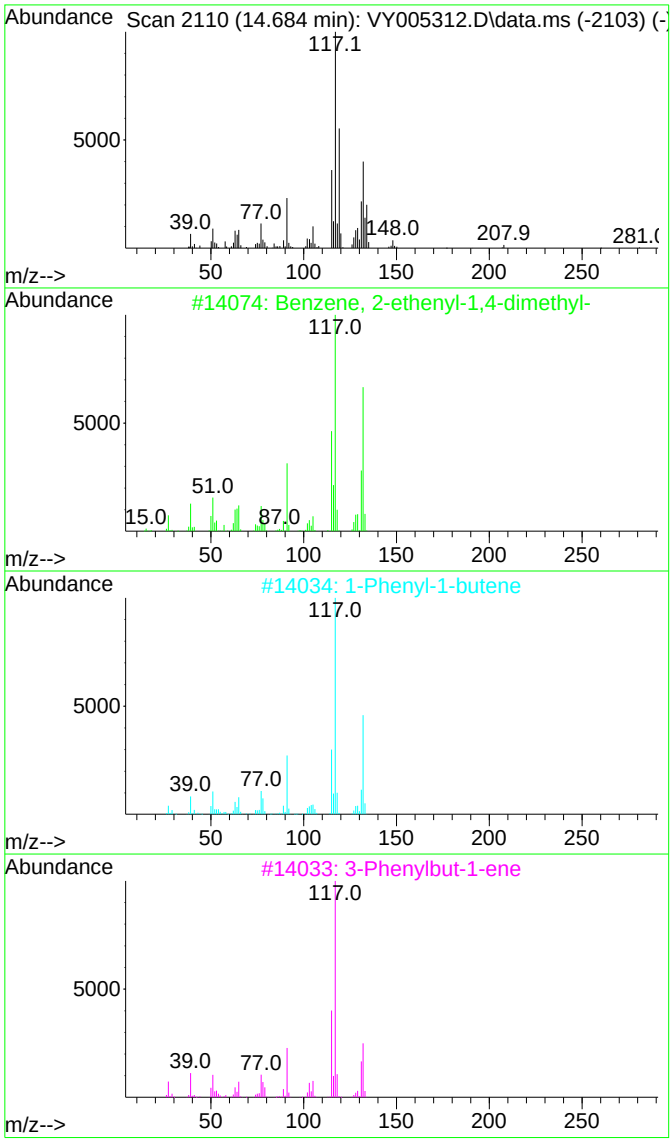
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

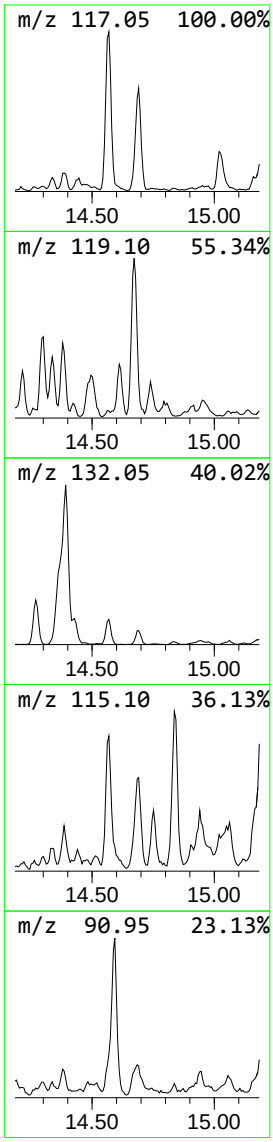
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	8.56 ug/l	124623	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64





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Data File : VY005312.D
Acq On : 01 Jul 2021 14:28
Operator : SY/MD
Sample : M2896-01
Misc : 7.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : FS-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

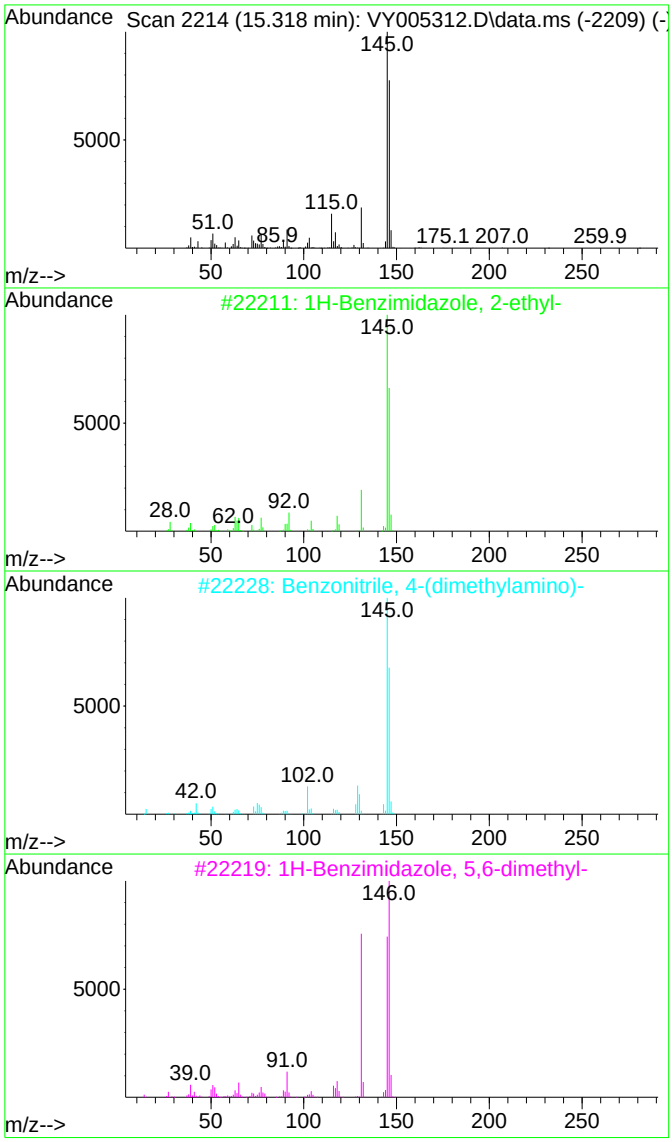
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

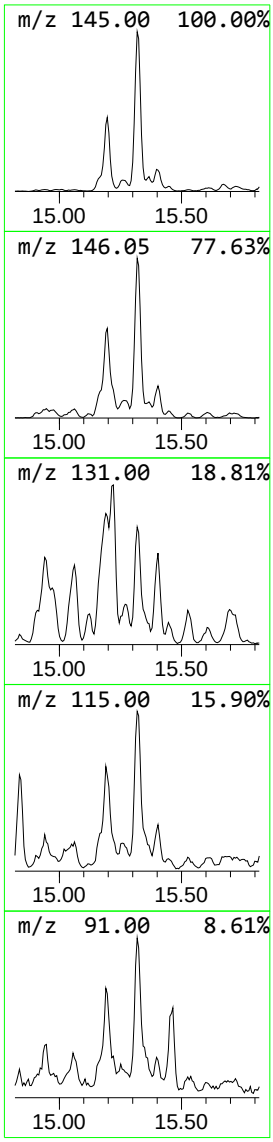
****

Peak Number 8 1H-Benzimidazole, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	28.09 ug/l	408760	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	80
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	64
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	50
4	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	50
5	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	50





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Data File : VY005312.D
Acq On : 01 Jul 2021 14:28
Operator : SY/MD
Sample : M2896-01
Misc : 7.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : FS-01

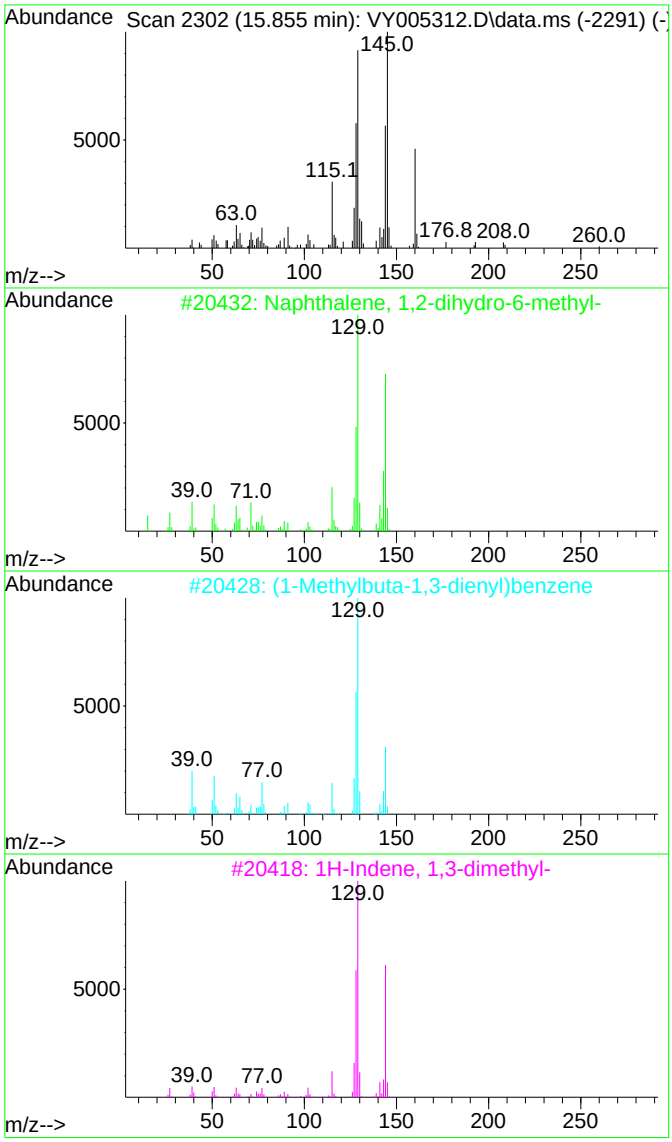
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

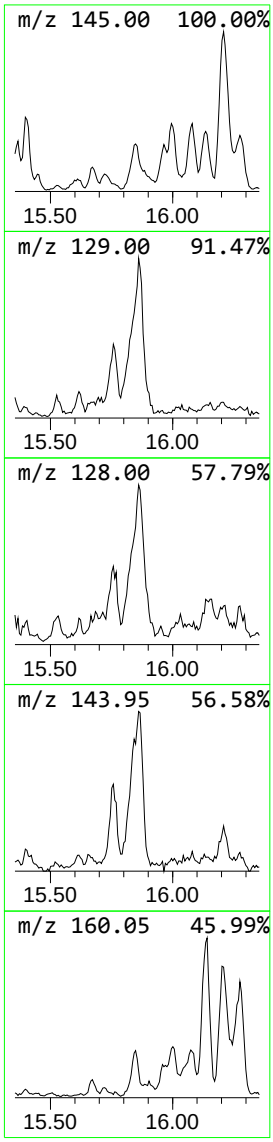
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2-dihydro-6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.855	10.16 ug/l	147835	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	70
2	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	60
3	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	55
4	Benzene, (2-cyclopropylethenyl)-	144	C11H12	1000142-01-6	53
5	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005312.D
Acq On : 01 Jul 2021 14:28
Operator : SY/MD
Sample : M2896-01
Misc : 7.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FS-01

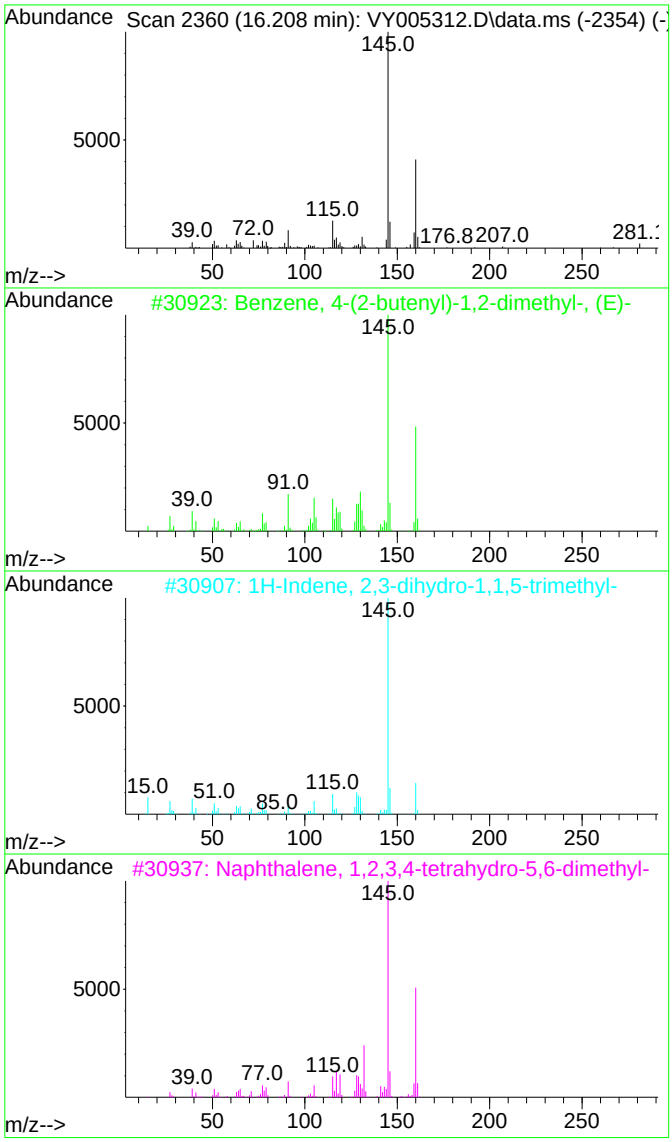
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

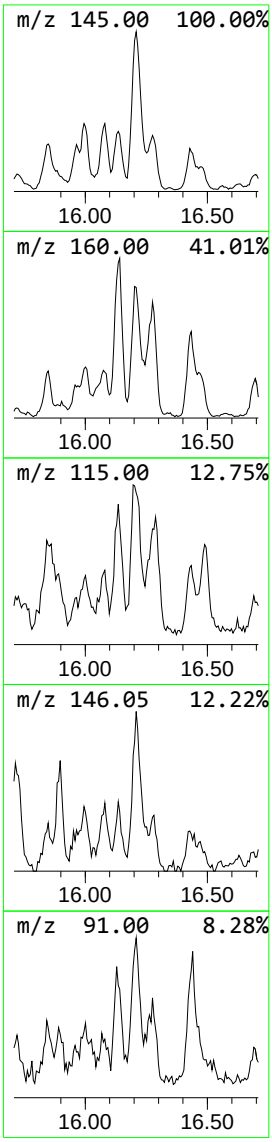
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.208	9.05 ug/l	131643	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	86
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	86
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	86
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	86
5	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005312.D
Acq On : 01 Jul 2021 14:28
Operator : SY/MD
Sample : M2896-01
Misc : 7.93G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : FS-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propene	1.869	8.1	ug/l	83314	1	7.795	517215	50.0
Indane	13.629	10.5	ug/l	152418	4	13.428	727611	50.0
Indan, 1-methyl-	14.081	9.3	ug/l	135003	4	13.428	727611	50.0
Benzofuran, 7-m...	14.270	7.9	ug/l	115053	4	13.428	727611	50.0
Benzofuran, 2-m...	14.392	35.1	ug/l	511348	4	13.428	727611	50.0
Benzene, 1-ethe...	14.568	12.9	ug/l	187513	4	13.428	727611	50.0
Benzene, 2-ethe...	14.684	8.6	ug/l	124623	4	13.428	727611	50.0
1H-Benzimidazol...	15.318	28.1	ug/l	408760	4	13.428	727611	50.0
Naphthalene, 1,...	15.855	10.2	ug/l	147835	4	13.428	727611	50.0
Benzene, 4-(2-b...	16.208	9.1	ug/l	131643	4	13.428	727611	50.0