LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012440.D
Acq On : 01 Feb 2023 14:16
Operator : KP/MD
Sample : 01385-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-013123

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\82Y011623S.M
Title : SW846 8260

Signal : TIC: VY012440.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.722	463	476	488	rBV2	14783	45359	4.79%	0.565%
2	5.747	635	644	655	rBV3	4024	12244	1.29%	0.153%
3	6.972	833	845	859	rBV	24234	75056	7.92%	0.935%
4	7.716	958	967	973	rBV	135254	318326	33.60%	3.966%
5	7.789	973	979	991	rVB	225342	520979	54.99%	6.490%
6	8.142	1021	1037	1049	rBV2	132878	331847	35.03%	4.134%
7	8.691	1118	1127	1140	rBV	349891	691540	72.99%	8.615%
8	10.179	1363	1371	1380	rBV	555310	947434	100.00%	11.803%
9	10.581	1431	1437	1450	rVB	20863	39109	4.13%	0.487%
10	10.947	1491	1497	1504	rBV2	21569	37129	3.92%	0.463%
11	11.319	1553	1558	1564	rVB2	9901	17149	1.81%	0.214%
12	11.489	1579	1586	1597	rBV	528740	859847	90.76%	10.712%
13	11.709	1612	1622	1630	rBV6	3721	13330	1.41%	0.166%
14	12.483	1742	1749	1759	rBV	434834	685081	72.31%	8.535%
15	12.733	1784	1790	1793	rBV	9266	14861	1.57%	0.185%
16	12.812	1798	1803	1809	rVB4	23435	41085	4.34%	0.512%
17	12.977	1822	1830	1836	rBV3	6633	13063	1.38%	0.163%
18	13.123	1848	1854	1858	rBV	12831	20436	2.16%	0.255%
19	13.428	1897	1904	1914	rBV	513348	818160	86.36%	10.193%
20	13.629	1924	1937	1940	rBV	64011	104598	11.04%	1.303%
21	13.666	1940	1943	1950	rVB2	18944	30327	3.20%	0.378%
22	13.751	1952	1957	1962	rBV6	5836	9792	1.03%	0.122%
23	13.812	1962	1967	1973	rVB2	5753	11829	1.25%	0.147%
24	13.916	1981	1984	1988	rVB	8009	10697	1.13%	0.133%
25	13.971	1988	1993	1999	rVB3	19493	30994	3.27%	0.386%
26	14.080	2006	2011	2016	rBV	32563	49974	5.27%	0.623%
27	14.208	2027	2032	2037	rBV5	6661	11314	1.19%	0.141%
28	14.294	2043	2046	2049	rVV	11343	16837	1.78%	0.210%
29	14.336	2049	2053	2057	rVV	21406	29267	3.09%	0.365%
30	14.379	2057	2060	2064	rVB4	7540	10080	1.06%	0.126%
31	14.568	2086	2091	2096	rBV	20652	35567	3.75%	0.443%
32	14.611	2096	2098	2103	rVB3	7287	9546	1.01%	0.119%
33	14.684	2103	2110	2116	rBV3	93236	179287	18.92%	2.234%
34	14.745	2116	2120	2129	rVV5	10766	20511	2.16%	0.256%
35	14.830	2129	2134	2140	rVV	26475	40965	4.32%	0.510%
36	14.940	2142	2152	2156	rVV3	20133	47241	4.99%	0.589%

LSC Area Percent Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-013123

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Title : SW846 8260

37	14.977	2156	2158	2162	rVV2	9788	16999	1.79%	0.212%
38	15.056	2162	2171	2177	rVB4	18724	52161	5.51%	0.650%
39	15.160	2183	2188	2190	rBV2	8082	11929	1.26%	0.149%
40	15.233	2194	2200	2207	rVV	243545	414634	43.76%	5.165%
41	15.324	2209	2215	2223	rVV5	20171	56974	6.01%	0.710%
42	15.397	2223	2227	2230	rVV	8346	10855	1.15%	0.135%
43	15.525	2242	2248	2254	rBV2	17713	32402	3.42%	0.404%
44	15.696	2265	2276	2284	rBV5	13050	46811	4.94%	0.583%
45	15.824	2291	2297	2302	rBV6	7452	20239	2.14%	0.252%
46	15.891	2304	2308	2313	rVB2	9324	17495	1.85%	0.218%
47	16.025	2324	2330	2336	rBV6	7250	17572	1.85%	0.219%
48	16.232	2355	2364	2367	rBV3	15996	38750	4.09%	0.483%
49	16.293	2367	2374	2389	rVV	163332	340993	35.99%	4.248%
50	16.489	2398	2406	2418	rVB	392454	798388	84.27%	9.946%

Sum of corrected areas: 8027063

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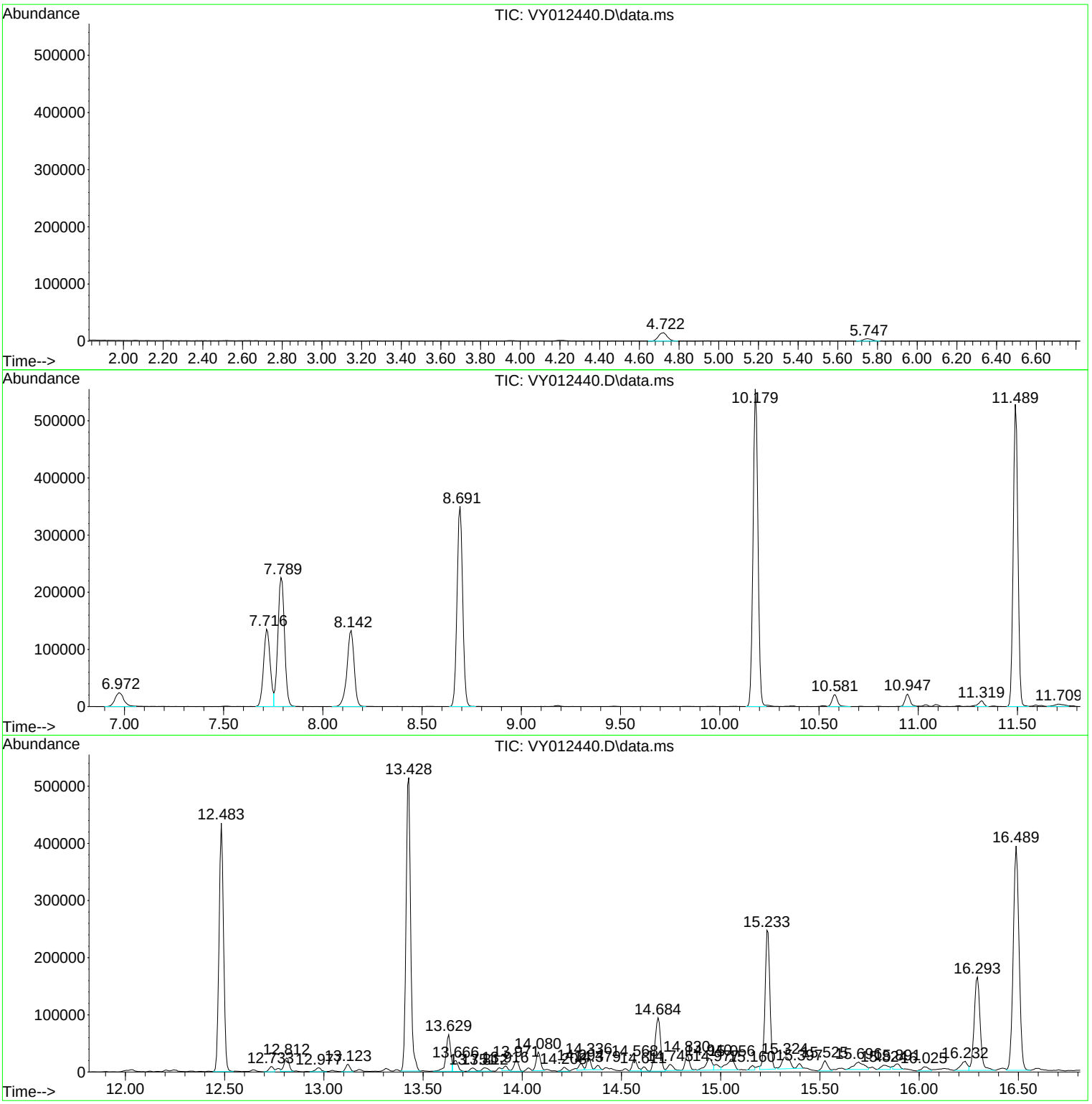
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-013123

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012440.D
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Instrument :
MSVOA_Y
ClientSampleId :
HR-02-013123

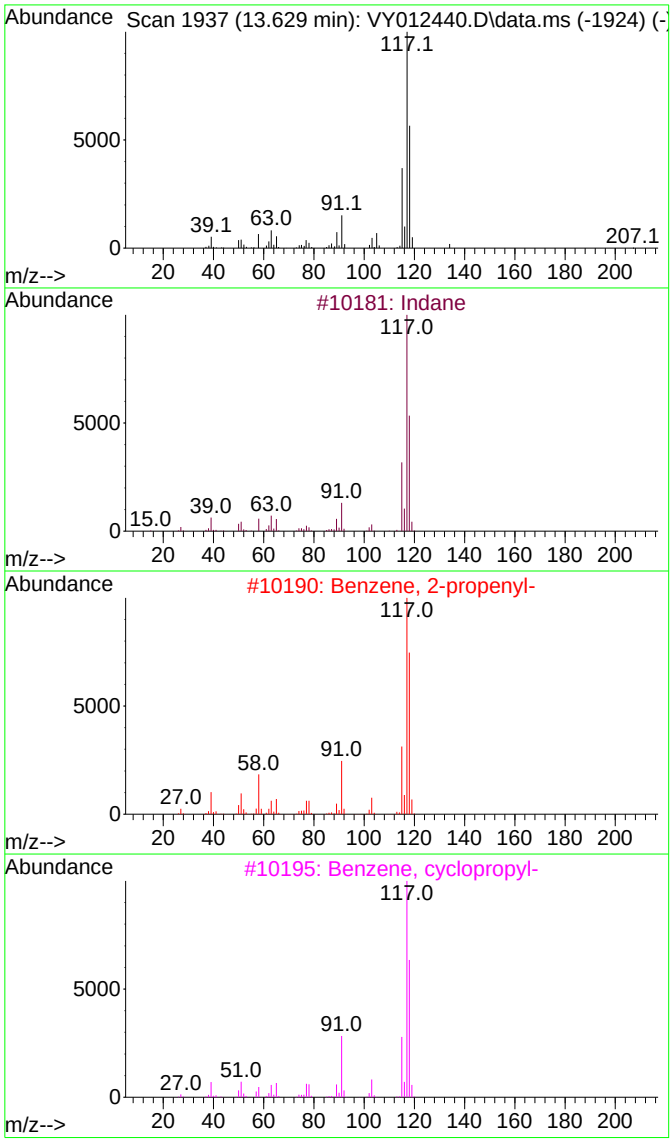
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

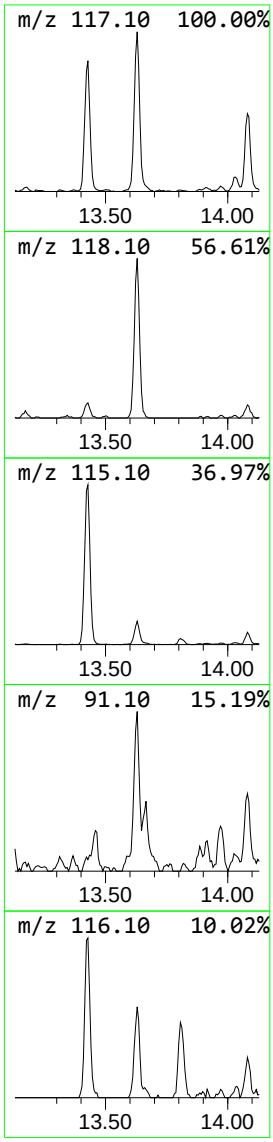
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	6.39 ug/l	104598	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	83
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	83





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Data File : VY012440.D
Acq On : 01 Feb 2023 14:16
Operator : KP/MD
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-013123

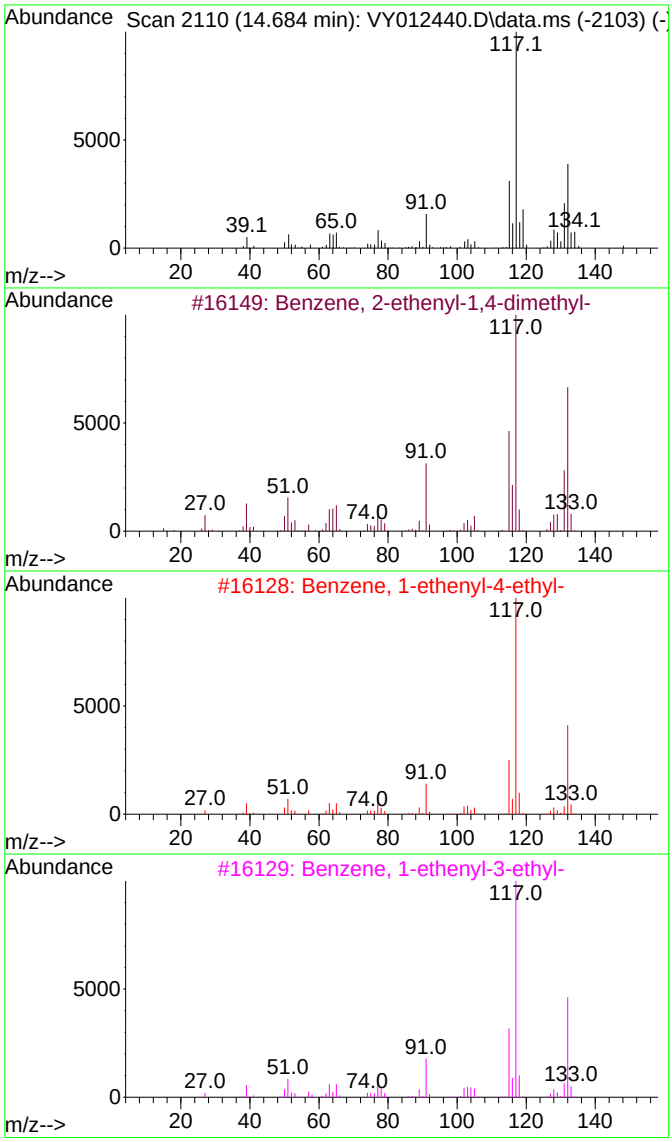
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

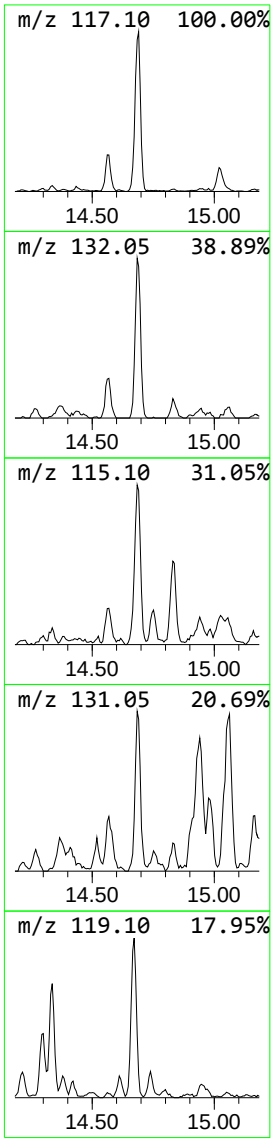
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	10.96 ug/l	179287	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	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012440.D
Acq On : 01 Feb 2023 14:16
Operator : KP/MD
Sample : 01385-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-013123

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

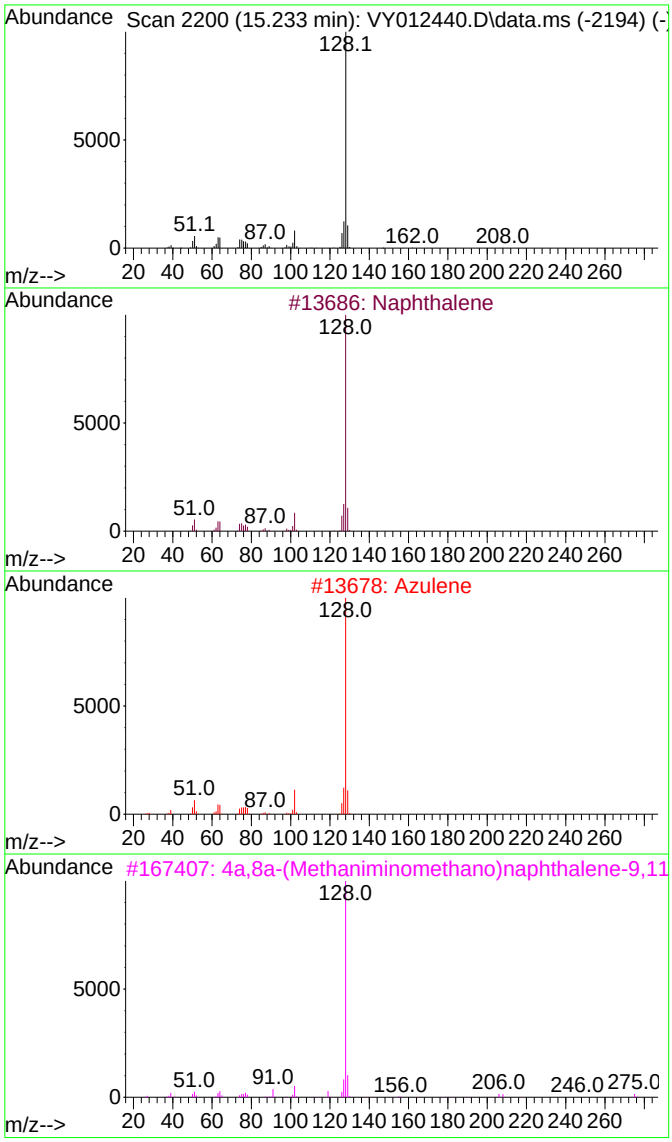
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

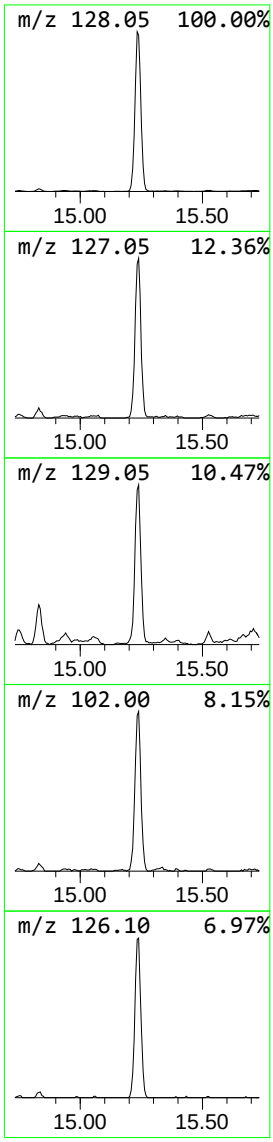
****

Peak Number 4 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	25.34 ug/l	414634	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	93
3	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
4	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	64
5	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012440.D
Acq On : 01 Feb 2023 14:16
Operator : KP/MD
Sample : 01385-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-013123

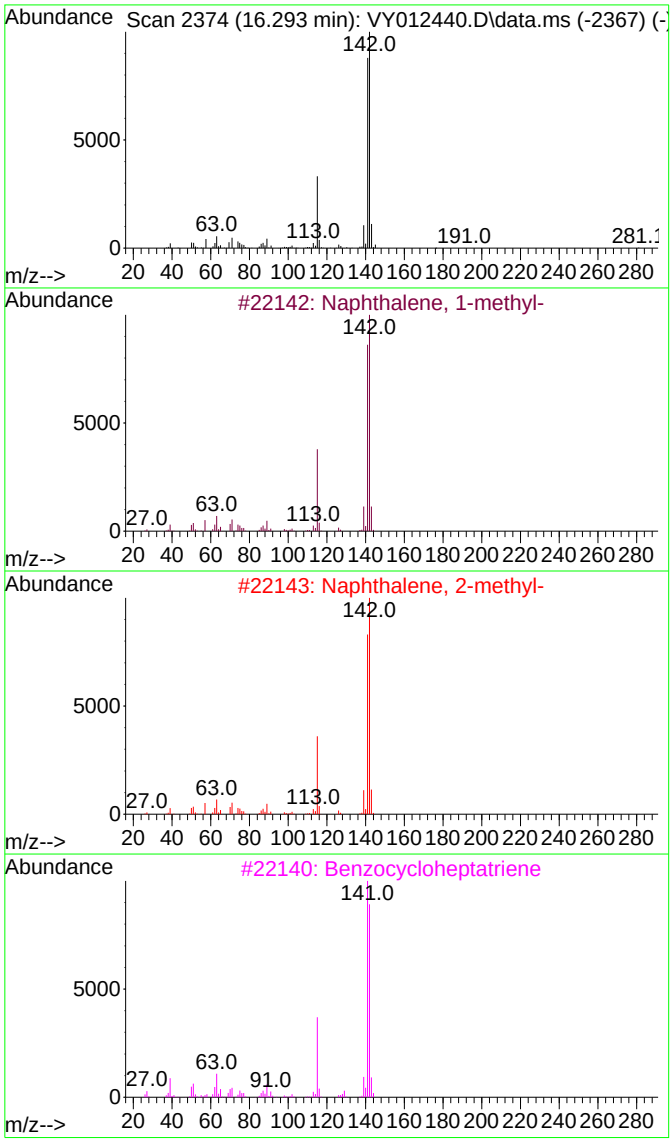
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

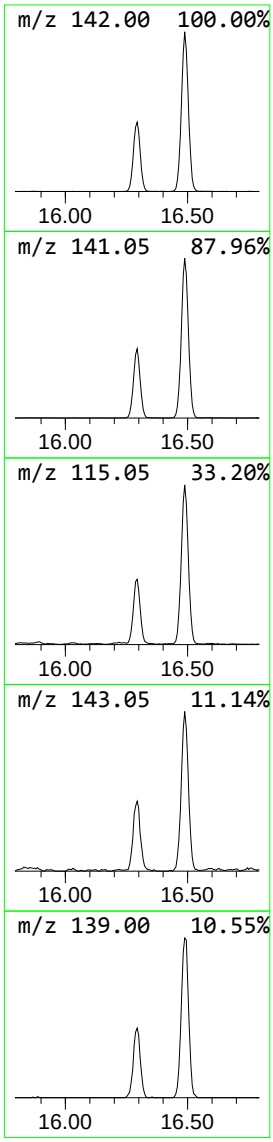
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzocycloheptatriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	20.84 ug/l	340993	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87





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Operator : KP/MD
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-013123

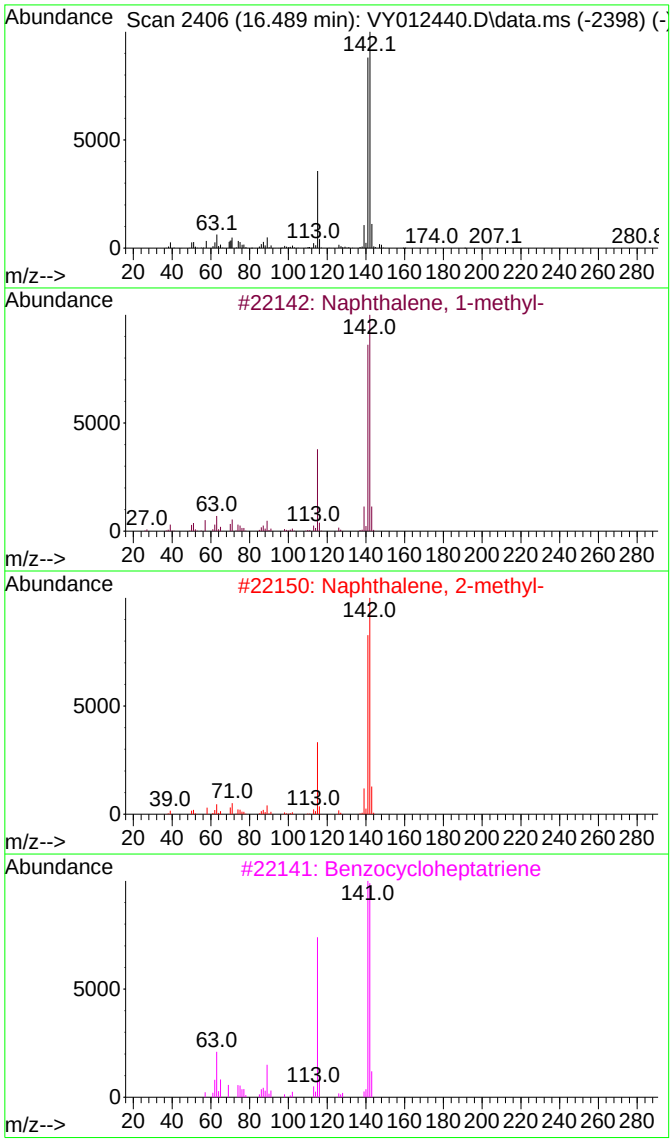
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

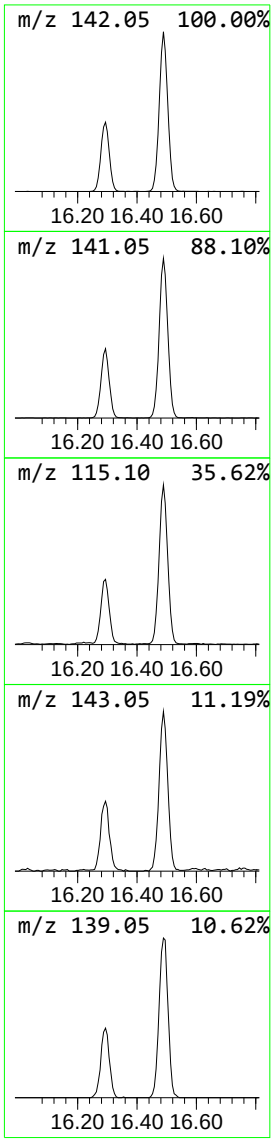
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,4-Methanonaphthalene, 1,4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.488	48.79 ug/l	798388	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
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ClientSampleId :
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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
Indane	13.629	6.4	ug/l	104598	4	13.428	818160	50.0
Benzene, 2-ethe...	14.684	11.0	ug/l	179287	4	13.428	818160	50.0
Azulene	15.233	25.3	ug/l	414634	4	13.428	818160	50.0
Benzocyclohepta...	16.294	20.8	ug/l	340993	4	13.428	818160	50.0
1,4-Methanonaph...	16.488	48.8	ug/l	798388	4	13.428	818160	50.0