LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092321\
Data File : VY006125.D
Acq On : 23 Sep 2021 15:33
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK

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\82Y091421S.M
Title : SW846 8260

Signal : TIC: VY006125.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.259	229	236	246	rVB	6615	15635	1.43%	0.183%
2	4.716	465	475	476	rBV	15410	24745	2.26%	0.289%
3	4.923	497	509	511	rBV2	9936	21952	2.01%	0.257%
4	5.759	633	646	657	rBV3	6354	20382	1.86%	0.238%
5	6.990	834	848	872	rBV	31344	128116	11.72%	1.497%
6	7.728	958	969	974	rBV	112204	270502	24.75%	3.161%
7	7.795	974	980	992	rVB	210785	476672	43.61%	5.570%
8	8.142	1023	1037	1049	rBV2	175657	556373	50.90%	6.501%
9	8.697	1119	1128	1138	rBV	322150	634339	58.03%	7.412%
10	9.849	1310	1317	1324	rVB9	4930	12913	1.18%	0.151%
11	10.185	1365	1372	1386	rBV	529538	909932	83.24%	10.632%
12	10.581	1429	1437	1447	rBV	107478	197179	18.04%	2.304%
13	10.715	1454	1459	1464	rBV4	6748	11632	1.06%	0.136%
14	10.953	1491	1498	1508	rBV	43384	85647	7.83%	1.001%
15	11.044	1508	1513	1518	rVB3	7782	13411	1.23%	0.157%
16	11.276	1543	1551	1553	rBV4	6676	12490	1.14%	0.146%
17	11.319	1553	1558	1565	rVB	89856	151063	13.82%	1.765%
18	11.489	1579	1586	1596	rVB	475225	775342	70.93%	9.060%
19	11.898	1645	1653	1657	rBV	4205	12093	1.11%	0.141%
20	12.337	1719	1725	1726	rBV4	7546	11518	1.05%	0.135%
21	12.489	1743	1750	1761	rVB2	604627	1093155	100.00%	12.773%
22	12.648	1773	1776	1783	rVB5	6028	13618	1.25%	0.159%
23	12.812	1798	1803	1808	rVB5	13265	22939	2.10%	0.268%
24	12.958	1816	1827	1837	rVB8	20016	75602	6.92%	0.883%
25	13.044	1837	1841	1843	rBV4	11168	15556	1.42%	0.182%
26	13.123	1850	1854	1859	rVB2	19025	32863	3.01%	0.384%
27	13.184	1859	1864	1869	rBV2	18556	32409	2.96%	0.379%
28	13.324	1878	1887	1890	rBV6	9408	19342	1.77%	0.226%
29	13.428	1897	1904	1919	rVB	512808	817370	74.77%	9.551%
30	13.629	1932	1937	1941	rBV	47453	68946	6.31%	0.806%
31	13.751	1952	1957	1961	rBV6	18075	33361	3.05%	0.390%
32	13.794	1961	1964	1968	rVB4	8774	13541	1.24%	0.158%
33	13.970	1987	1993	1998	rVB3	64066	106101	9.71%	1.240%
34	14.080	2006	2011	2016	rVB2	26965	42809	3.92%	0.500%
35	14.141	2016	2021	2027	rVB7	6535	12541	1.15%	0.147%
36	14.263	2036	2041	2045	rBV4	18352	38091	3.48%	0.445%

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
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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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Peak separation: 5

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Title : SW846 8260

37	14.336	2050	2053	2057	rVB	11454	15765	1.44%	0.184%
38	14.422	2064	2067	2071	rBV5	11744	18215	1.67%	0.213%
39	14.568	2086	2091	2095	rBV2	23150	38466	3.52%	0.449%
40	14.611	2095	2098	2103	rVV5	10309	17904	1.64%	0.209%
41	14.684	2104	2110	2114	rVV3	62403	125090	11.44%	1.462%
42	14.733	2114	2118	2125	rVB2	41671	70560	6.45%	0.824%
43	14.842	2133	2136	2139	rVB5	12683	17229	1.58%	0.201%
44	14.946	2148	2153	2157	rVB4	20818	30140	2.76%	0.352%
45	15.056	2165	2171	2176	rBV5	18333	39601	3.62%	0.463%
46	15.147	2183	2186	2190	rVB2	18637	26353	2.41%	0.308%
47	15.239	2192	2201	2207	rBV	180670	362946	33.20%	4.241%
48	15.342	2211	2218	2222	rVV5	13267	33032	3.02%	0.386%
49	15.440	2231	2234	2242	rVB10	10207	22485	2.06%	0.263%
50	15.531	2242	2249	2255	rBV5	17949	58453	5.35%	0.683%
51	15.610	2258	2262	2267	rVB7	18566	33342	3.05%	0.390%
52	16.080	2337	2339	2347	rVB8	11228	19237	1.76%	0.225%
53	16.159	2347	2352	2358	rBV2	26838	46507	4.25%	0.543%
54	16.293	2367	2374	2382	rVB	179112	349787	32.00%	4.087%
55	16.488	2399	2406	2417	rVB	205172	452949	41.44%	5.293%

Sum of corrected areas: 8558241

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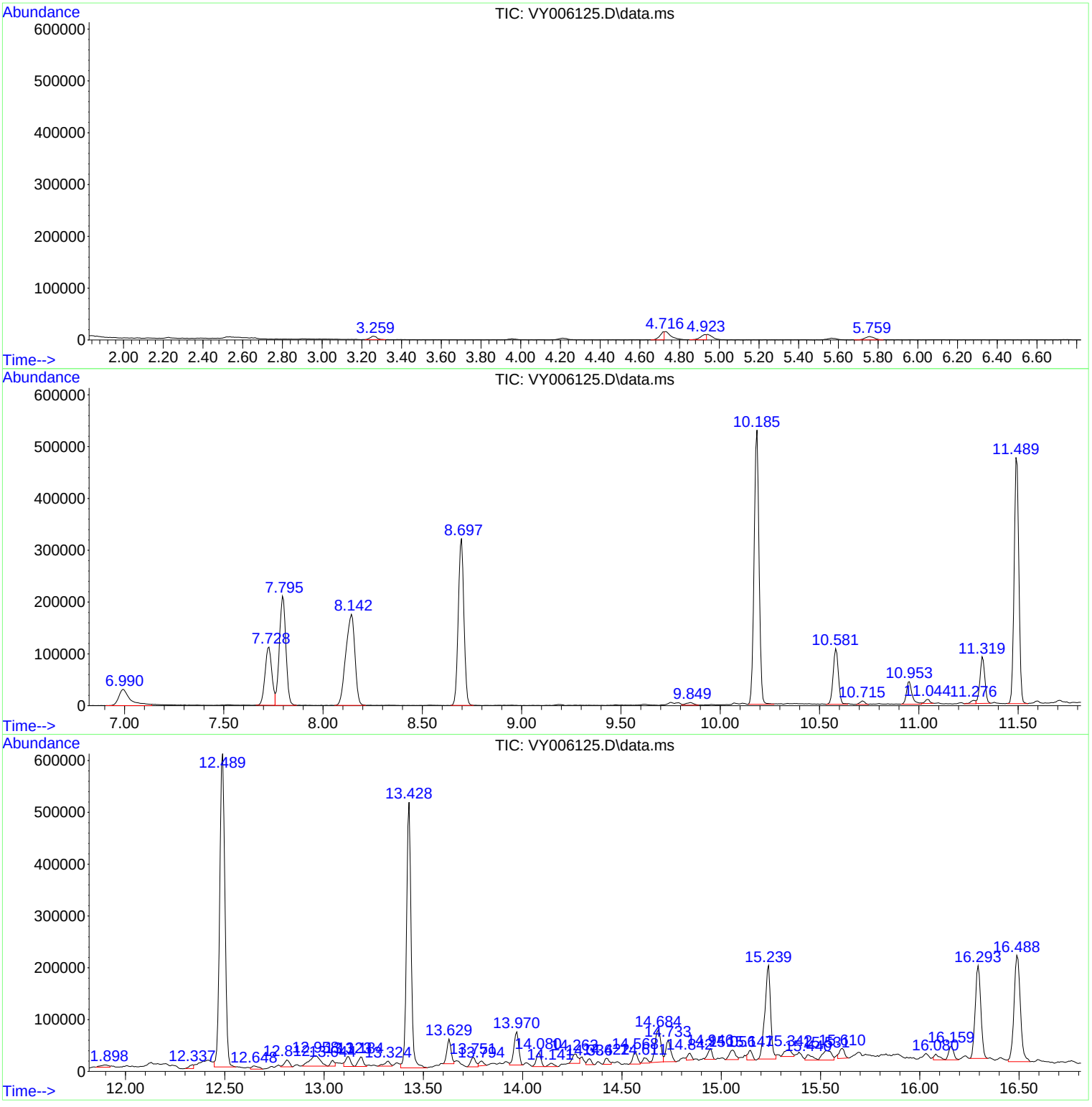
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

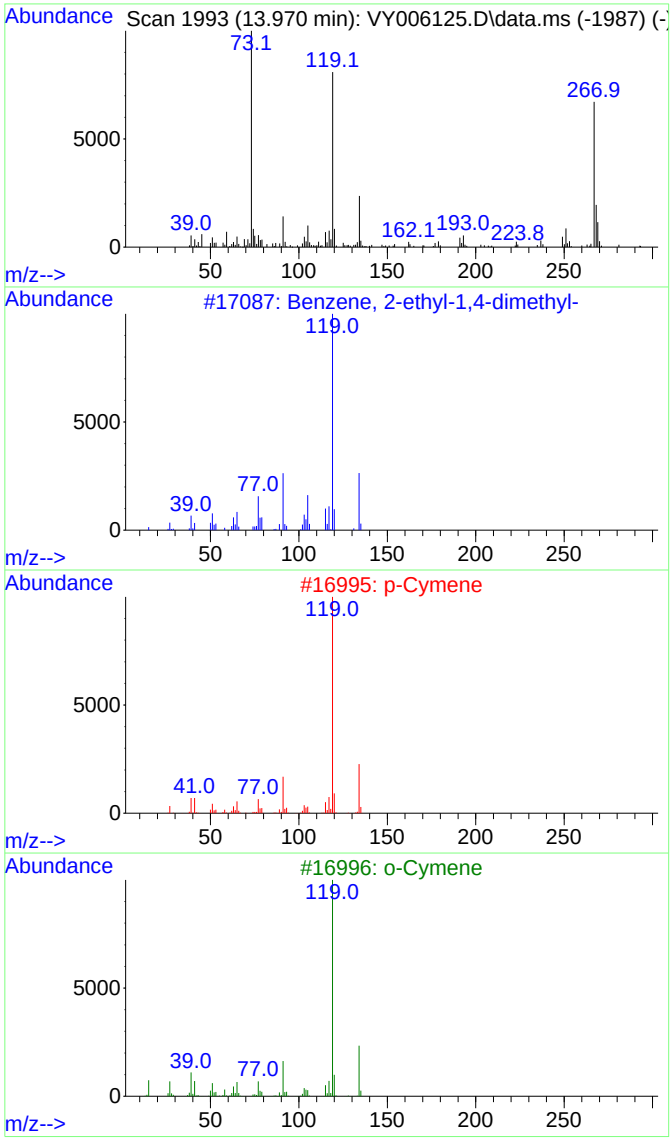
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

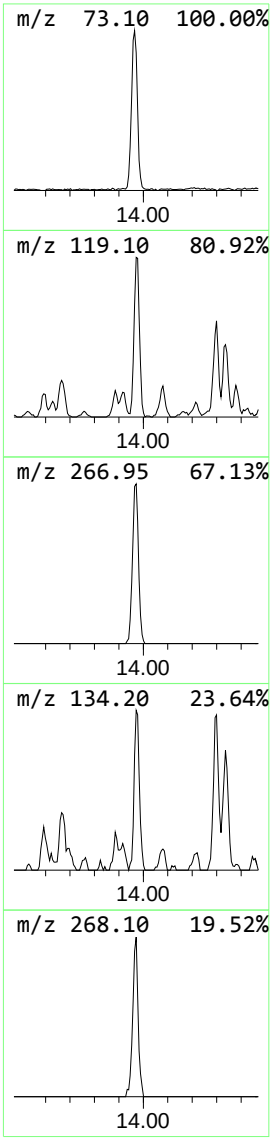
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	6.49 ug/l	106101	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
2	p-Cymene	134	C10H14	000099-87-6	86
3	o-Cymene	134	C10H14	000527-84-4	86
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86





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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

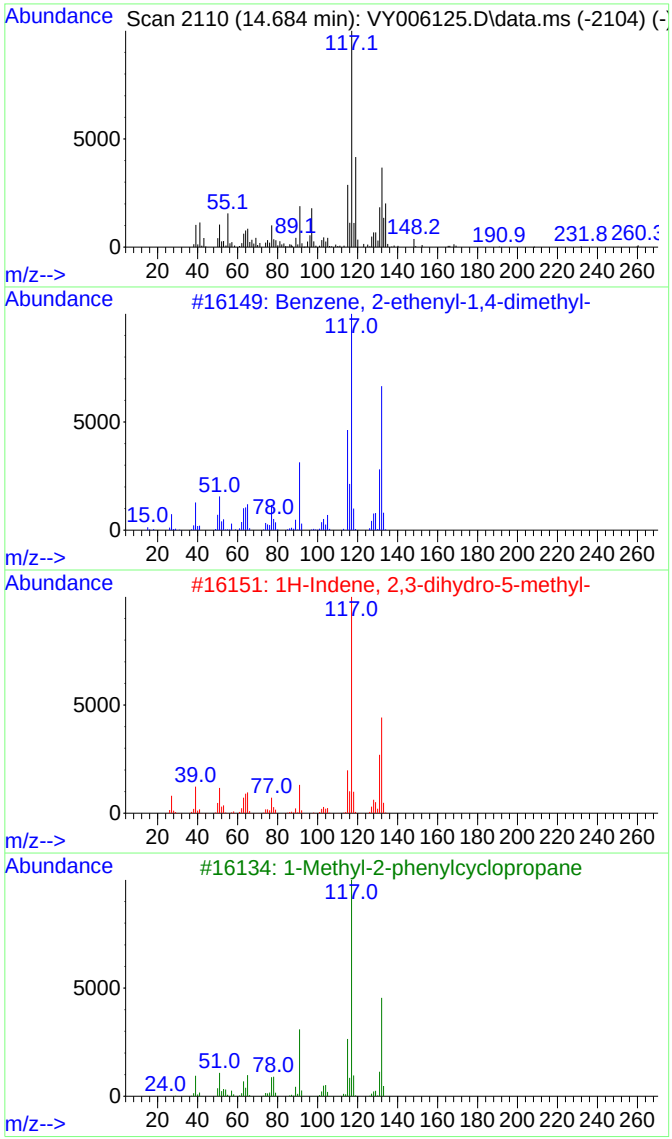
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

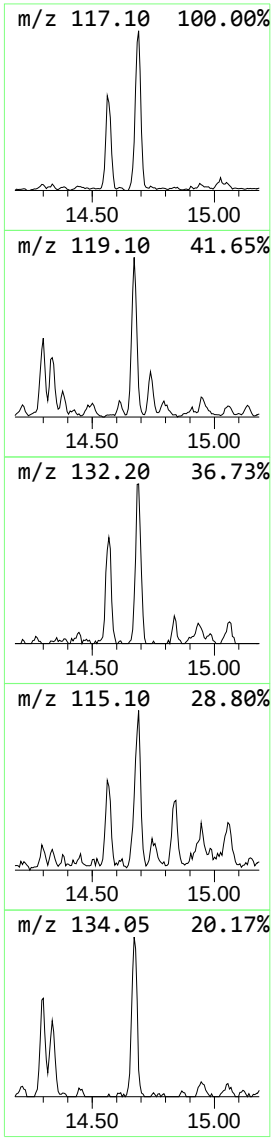
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	7.65 ug/l	125090	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	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	64
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	64





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Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

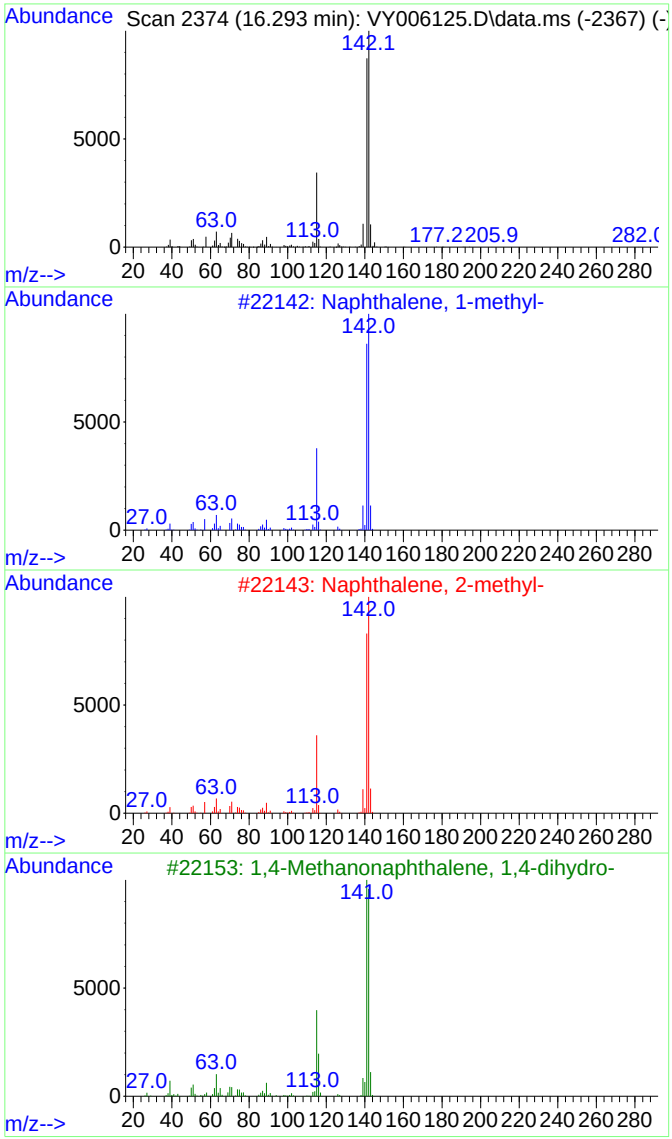
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

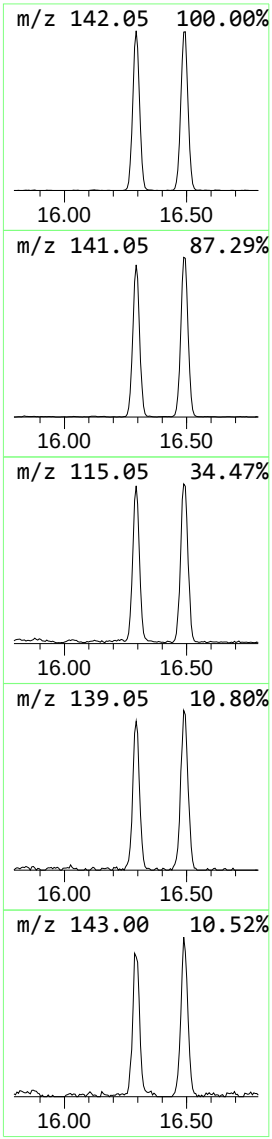
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.293	21.40 ug/l	349787	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

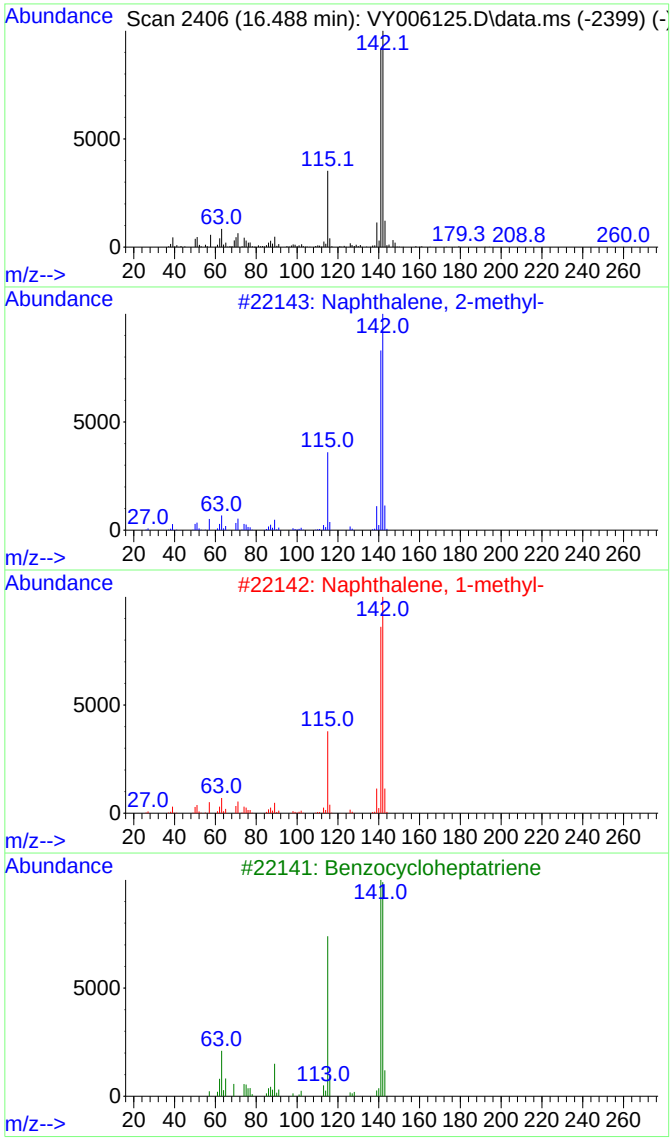
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

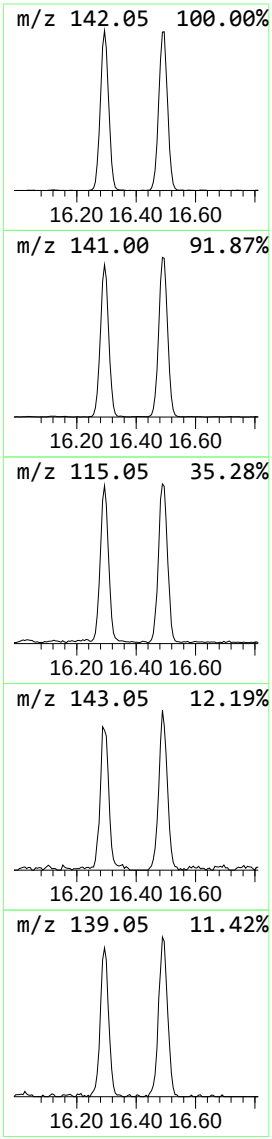
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.488	27.71 ug/l	452949	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	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

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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, 2-ethy...	13.970	6.5	ug/l	106101	4	13.428	817370	50.0
Benzene, 2-ethe...	14.684	7.7	ug/l	125090	4	13.428	817370	50.0
Naphthalene, 1-...	16.293	21.4	ug/l	349787	4	13.428	817370	50.0
Benzocyclohepta...	16.488	27.7	ug/l	452949	4	13.428	817370	50.0