LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015011.D
Acq On : 09 Aug 2023 17:29
Operator : SY/MD
Sample : 03941-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DEAN-OILY-STONE

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\82Y080723S.M
Title : SW846 8260

Signal : TIC: VY015011.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.704	463	473	490	rBV	61580	195137	2.93%	0.699%
2	6.978	833	846	859	rBV	100923	312944	4.70%	1.120%
3	7.716	956	967	972	rBV	209559	502683	7.55%	1.800%
4	7.783	972	978	990	rVB	349545	792844	11.91%	2.839%
5	8.136	1023	1036	1049	rBV3	251087	645187	9.69%	2.310%
6	8.685	1116	1126	1140	rBV	544185	1068661	16.05%	3.826%
7	10.173	1363	1370	1377	rBV	829875	1455533	21.86%	5.211%
8	10.575	1430	1436	1445	rBV	61887	112161	1.68%	0.402%
9	10.941	1486	1496	1507	rBV	57916	105443	1.58%	0.378%
10	11.483	1577	1585	1595	rBV	827035	1345553	20.21%	4.817%
11	11.587	1595	1602	1610	rBV	459625	737727	11.08%	2.641%
12	11.697	1613	1620	1629	rVV	284982	527499	7.92%	1.889%
13	12.026	1664	1674	1681	rBV	176933	282652	4.25%	1.012%
14	12.325	1716	1723	1727	rBV	60081	104106	1.56%	0.373%
15	12.477	1742	1748	1760	rVB	719446	1162185	17.46%	4.161%
16	12.733	1783	1790	1792	rBV	390781	585121	8.79%	2.095%
17	12.764	1792	1795	1798	rVV	270248	389389	5.85%	1.394%
18	12.806	1798	1802	1807	rVB2	169234	265870	3.99%	0.952%
19	12.965	1824	1828	1836	rVB	77888	131669	1.98%	0.471%
20	13.117	1844	1853	1857	rBV	399117	614298	9.23%	2.199%
21	13.166	1857	1861	1867	rVB2	72859	115491	1.73%	0.413%
22	13.306	1877	1884	1889	rBV2	58472	109799	1.65%	0.393%
23	13.422	1897	1903	1912	rBV2	877637	1498722	22.51%	5.366%
24	13.495	1912	1915	1918	rBV	62206	75591	1.14%	0.271%
25	13.623	1925	1936	1941	rBV	1808639	2956062	44.40%	10.583%
26	13.751	1951	1957	1961	rBV	129172	184921	2.78%	0.662%
27	13.910	1980	1983	1987	rVB	60073	79268	1.19%	0.284%
28	13.965	1987	1992	1997	rBV2	169835	261565	3.93%	0.936%
29	14.074	2005	2010	2014	rBV	75873	128962	1.94%	0.462%
30	14.330	2048	2052	2056	rVB	66609	101542	1.53%	0.364%
31	14.379	2056	2060	2064	rBV4	62632	97672	1.47%	0.350%
32	14.562	2085	2090	2094	rBV	184719	278372	4.18%	0.997%
33	14.605	2094	2097	2102	rVB	131316	179941	2.70%	0.644%
34	14.678	2102	2109	2113	rBV2	112894	272484	4.09%	0.976%
35	14.745	2113	2120	2127	rVV3	226640	450311	6.76%	1.612%
36	14.830	2128	2134	2143	rVB	310318	520433	7.82%	1.863%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015011.D
Acq On : 09 Aug 2023 17:29
Operator : SY/MD
Sample : 03941-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DEAN-OILY-STONE

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\82Y080723S.M
Title : SW846 8260

37	14.928	2144	2150	2156	rBV4	72274	155702	2.34%	0.557%
38	15.050	2164	2170	2175	rBV4	33870	70999	1.07%	0.254%
39	15.233	2191	2200	2207	rBV	3916308	6657335	100.00%	23.835%
40	15.330	2210	2216	2225	rVV2	93522	204710	3.07%	0.733%
41	15.428	2227	2232	2240	rVB3	83063	172795	2.60%	0.619%
42	15.720	2275	2280	2290	rVB5	44701	121213	1.82%	0.434%
43	16.025	2323	2330	2335	rBV5	33752	90243	1.36%	0.323%
44	16.287	2366	2373	2380	rVV	472958	913806	13.73%	3.272%
45	16.354	2380	2384	2390	rVB	47430	73881	1.11%	0.265%
46	16.482	2397	2405	2418	rBV	385561	822746	12.36%	2.946%

Sum of corrected areas: 27931228

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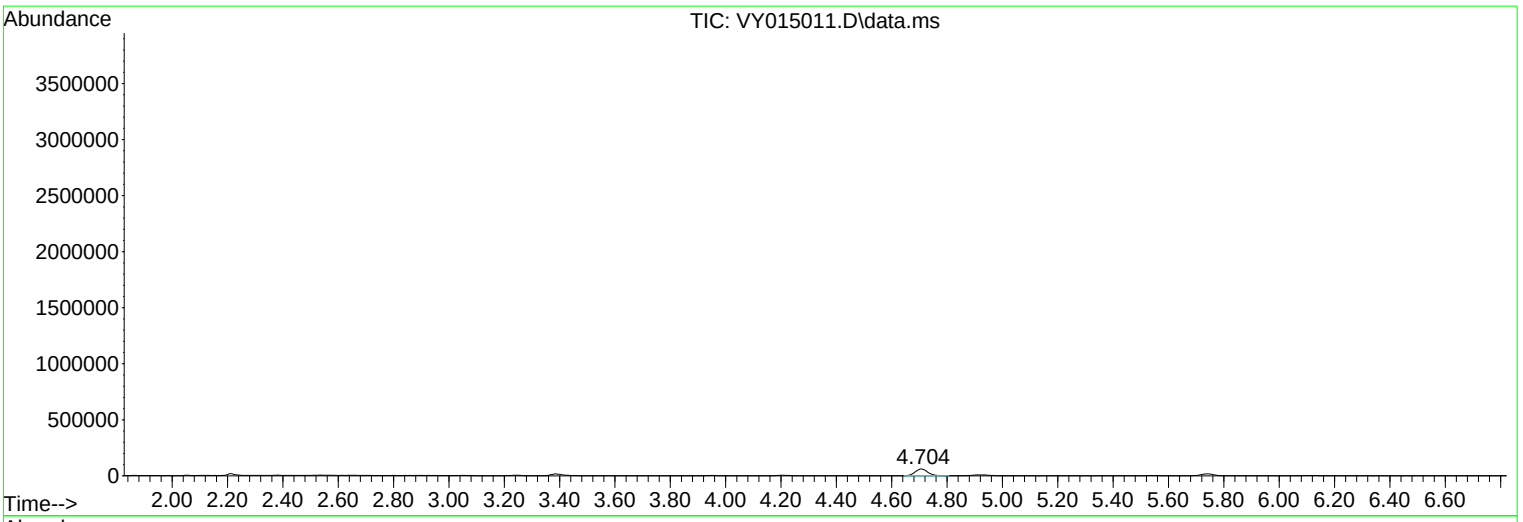
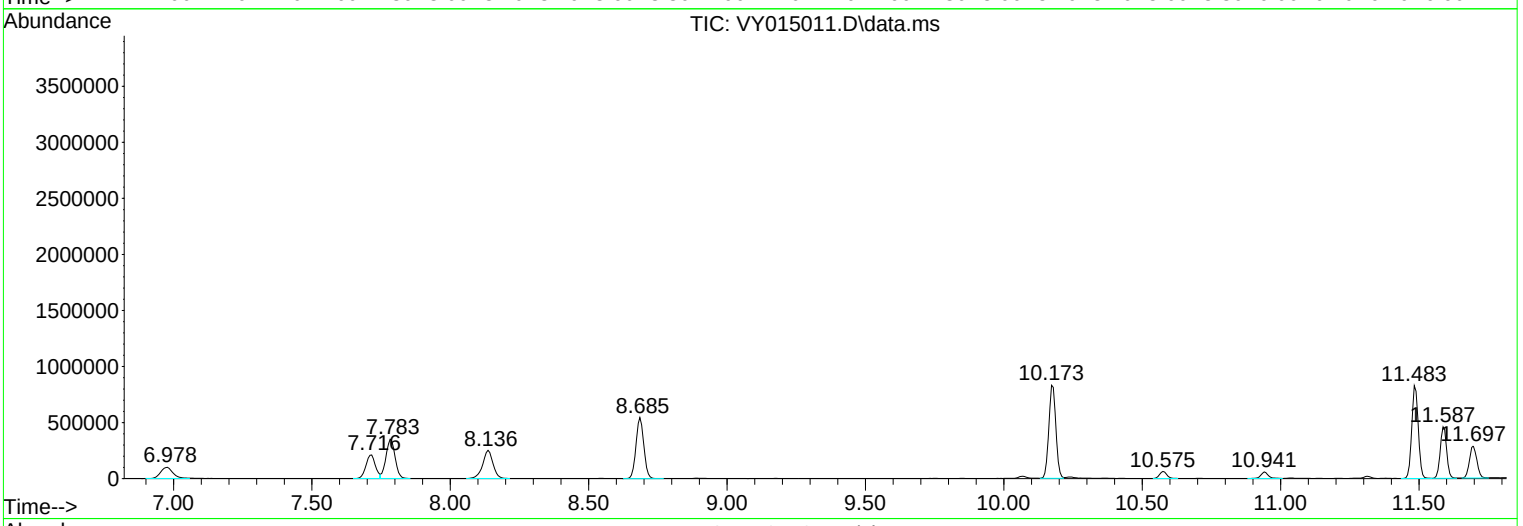
ALS Vial : 15 Sample Multiplier: 1

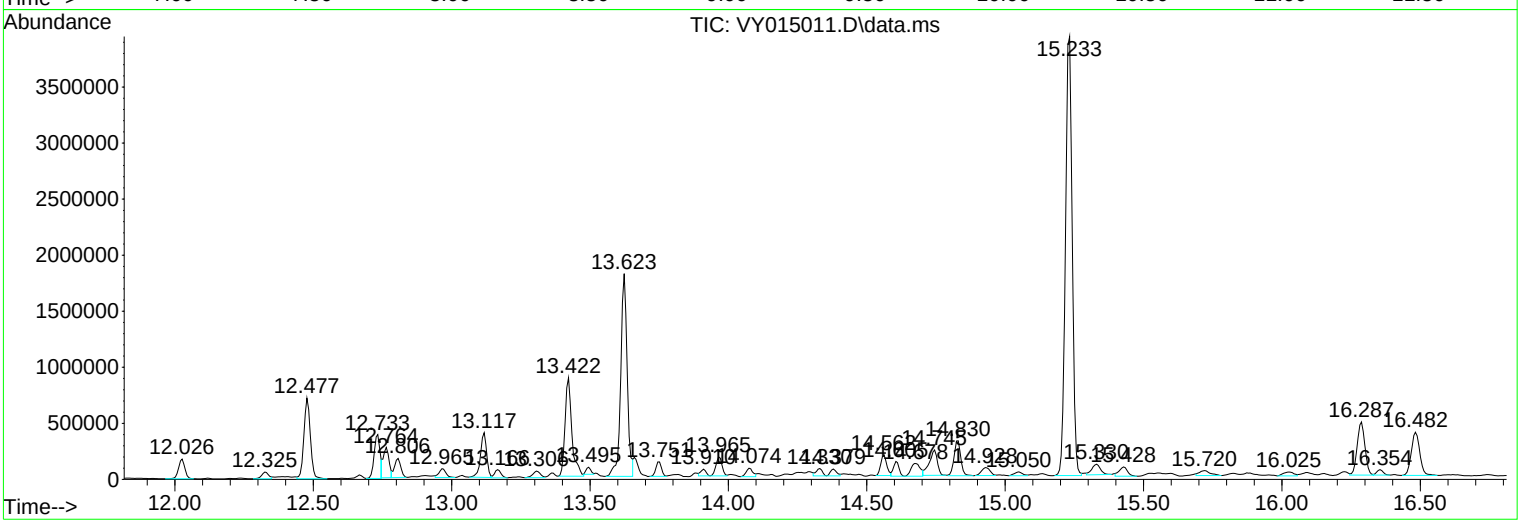
Instrument :
MSVOA_Y
ClientSampleId :
DEAN-OILY-STONE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015011.D
Acq On : 09 Aug 2023 17:29
Operator : SY/MD
Sample : 03941-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DEAN-OILY-STONE

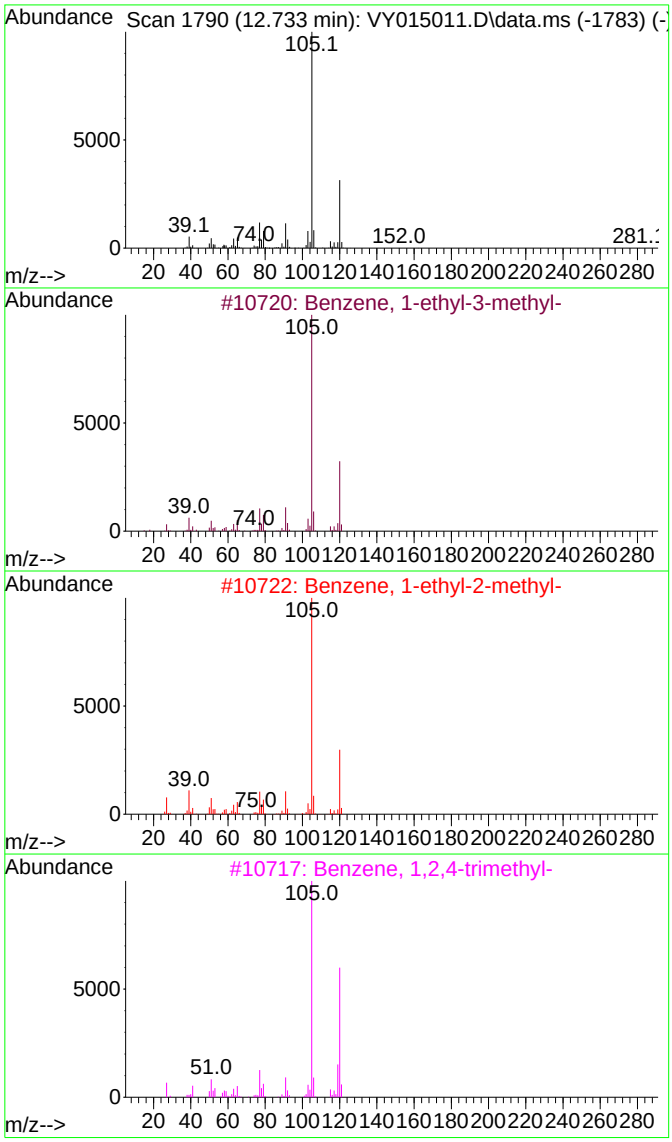
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

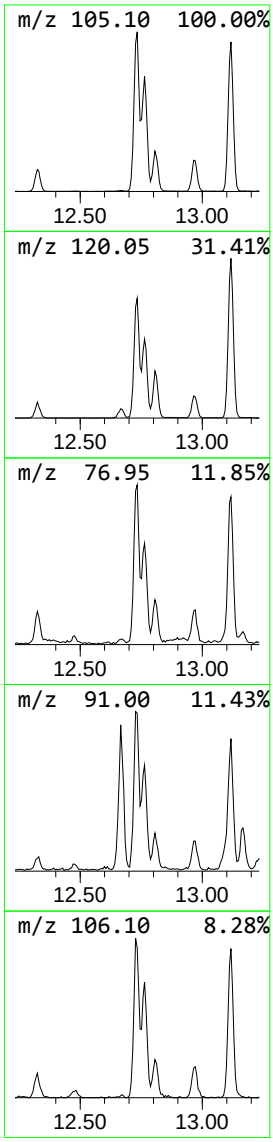
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	19.52 ug/l	585121	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015011.D
Acq On : 09 Aug 2023 17:29
Operator : SY/MD
Sample : 03941-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DEAN-OILY-STONE

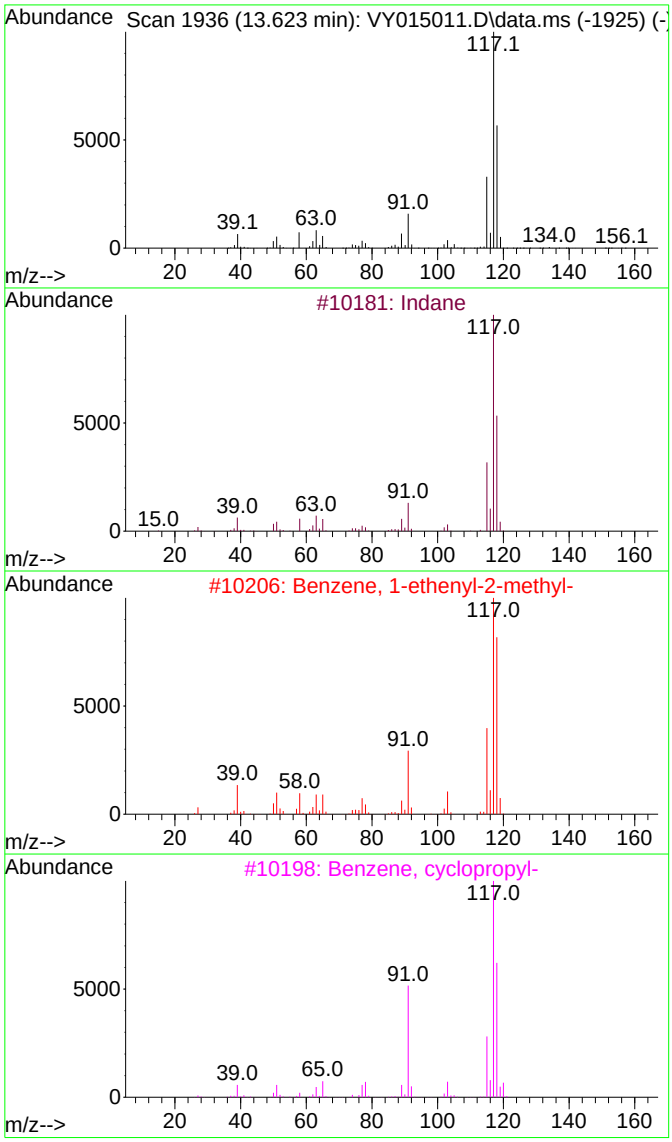
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

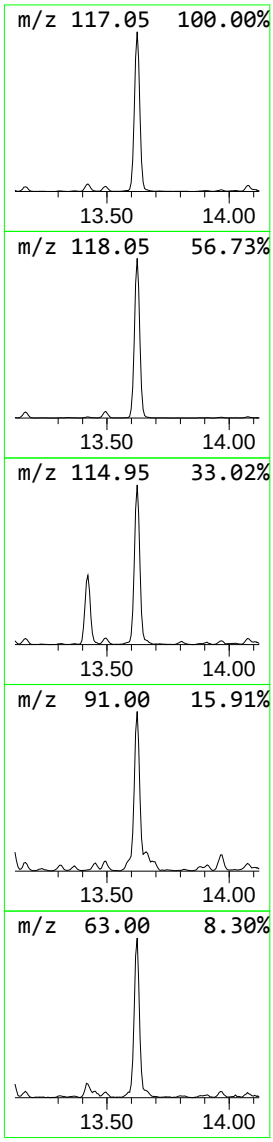
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	98.62 ug/l	2956060	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015011.D
Acq On : 09 Aug 2023 17:29
Operator : SY/MD
Sample : 03941-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DEAN-OILY-STONE

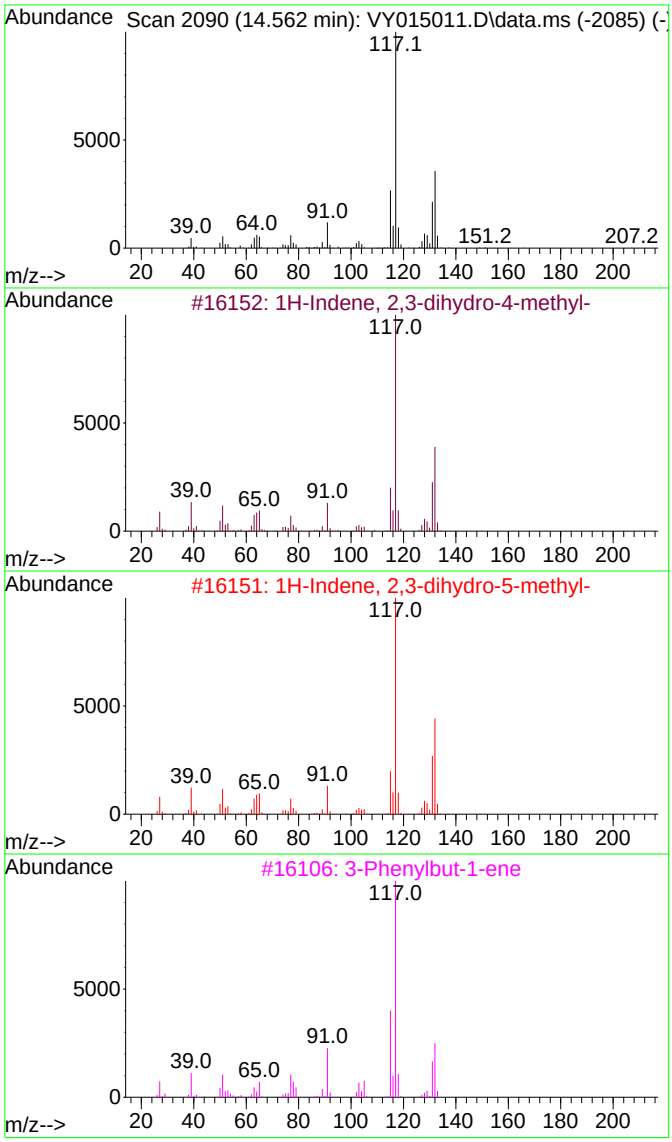
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

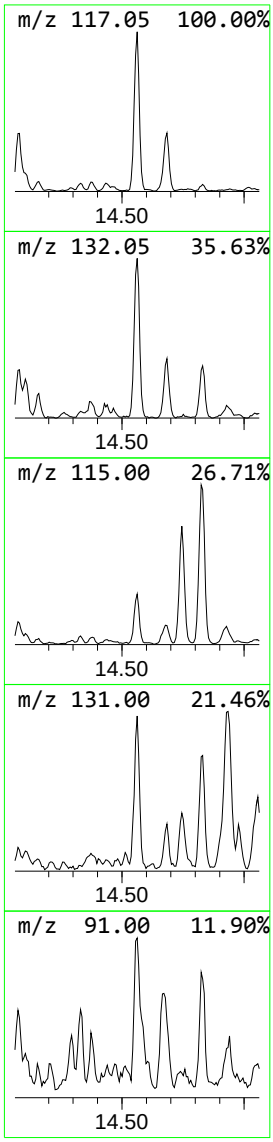
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	9.29 ug/l	278372	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015011.D
Acq On : 09 Aug 2023 17:29
Operator : SY/MD
Sample : 03941-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DEAN-OILY-STONE

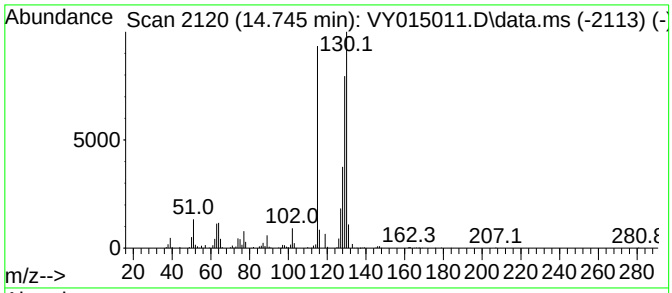
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

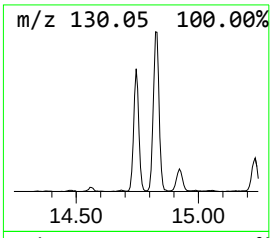
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

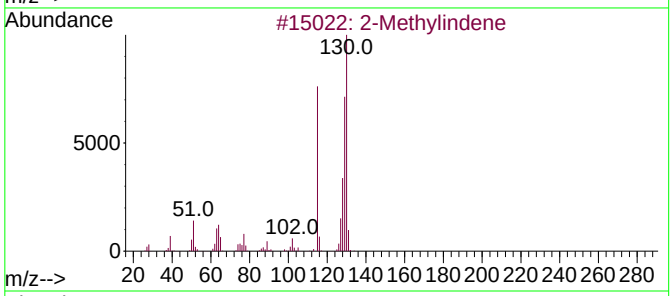
****
Peak Number 6 2-Methylindene Concentration Rank 8

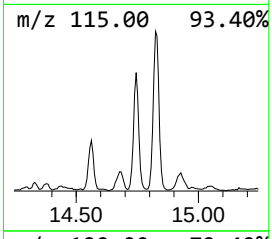
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.745	15.02 ug/l	450311	1,4-Dichlorobenzene-d4	13.422

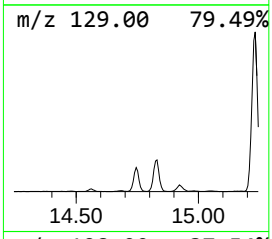
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93

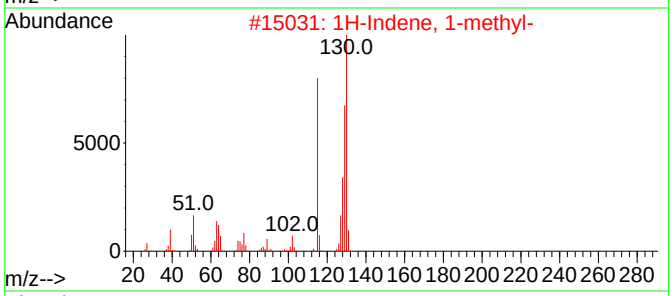


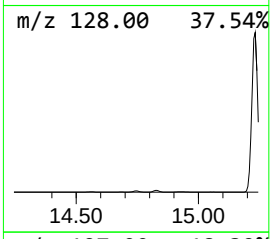


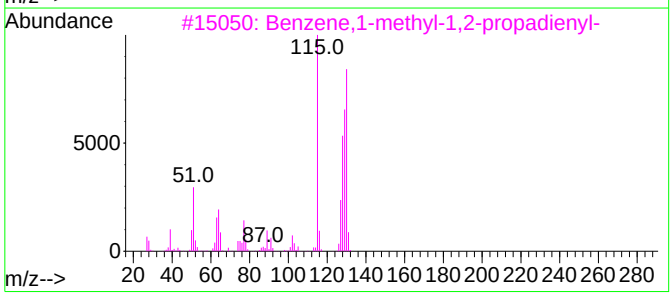


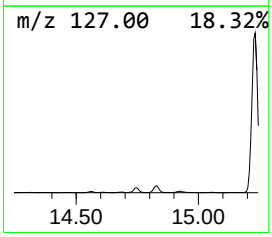












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Instrument :
MSVOA_Y
ClientSampleId :
DEAN-OILY-STONE

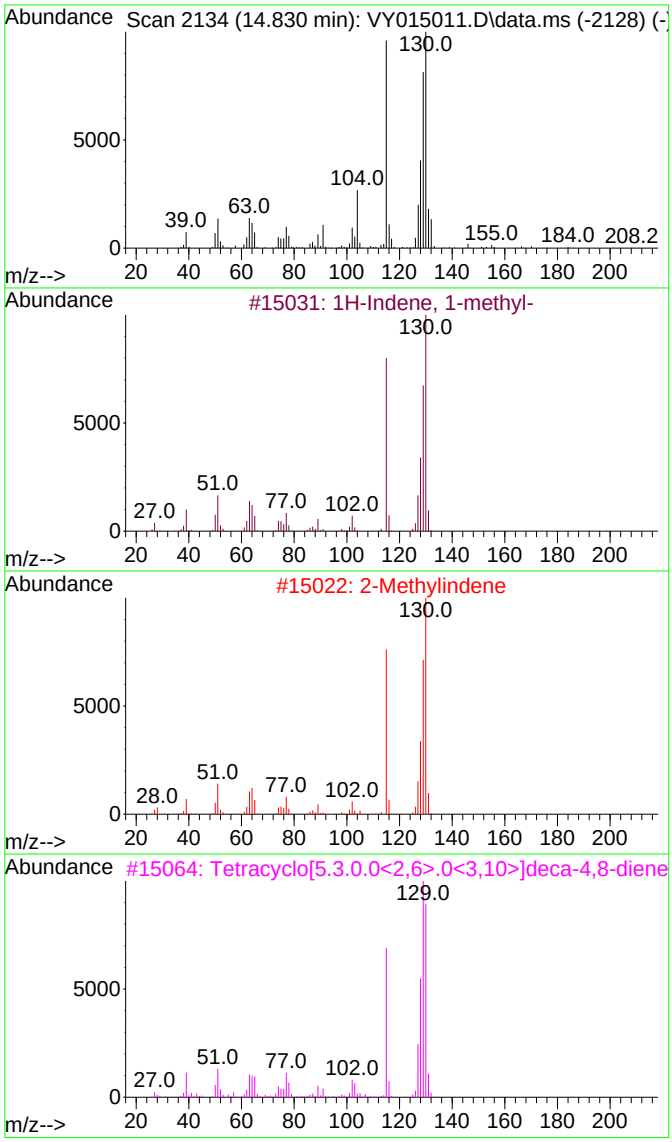
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260

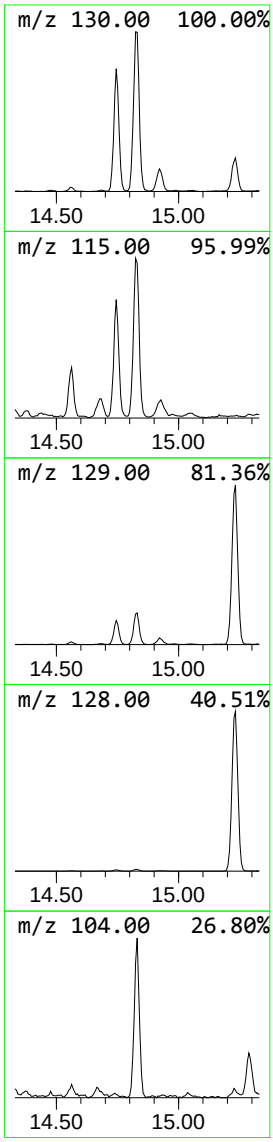
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	17.36 ug/l	520433	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	2-Methylindene	130	C10H10	002177-47-1	95
3	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	91
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	90
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	89





Tentatively Identified Compound (LSC) summary

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DEAN-OILY-STONE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.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	19.5	ug/l	585121	4	13.422	1498720	50.0
Indane	13.623	98.6	ug/l	2956060	4	13.422	1498720	50.0
1H-Indene, 2,3-...	14.562	9.3	ug/l	278372	4	13.422	1498720	50.0
2-Methylindene	14.745	15.0	ug/l	450311	4	13.422	1498720	50.0
1H-Indene, 1-me...	14.830	17.4	ug/l	520433	4	13.422	1498720	50.0