LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029651.D
Acq On : 21 Jun 2022 09:14
Operator : JC/MD
Sample : N3354-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-58

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_X\Method\82X061822W.M
Title : SW846 8260

Signal : TIC: VX029651.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.270	25	30	41	rBV	24226	52433	4.36%	0.533%
2	2.550	229	240	250	rBV2	8910	22675	1.89%	0.230%
3	3.111	322	332	340	rBV2	14226	33909	2.82%	0.344%
4	4.306	519	528	539	rVB3	12901	37541	3.12%	0.381%
5	5.391	694	706	715	rBV	141396	410447	34.13%	4.170%
6	5.556	723	733	758	rVB	259527	761941	63.35%	7.740%
7	5.958	788	799	819	rBV	151295	405436	33.71%	4.119%
8	6.263	844	849	856	rVB5	5844	14223	1.18%	0.144%
9	6.367	856	866	873	rVB7	6499	19855	1.65%	0.202%
10	6.763	921	931	944	rBV	389577	940842	78.23%	9.558%
11	7.372	1020	1031	1042	rBV3	19658	58310	4.85%	0.592%
12	8.141	1154	1157	1163	rVB	9001	16124	1.34%	0.164%
13	8.506	1210	1217	1224	rVB3	12056	21715	1.81%	0.221%
14	8.653	1234	1241	1250	rVB	765308	1202667	100.00%	12.217%
15	8.958	1287	1291	1300	rVB2	27588	46666	3.88%	0.474%
16	9.049	1300	1306	1312	rVV	28210	47175	3.92%	0.479%
17	9.165	1320	1325	1333	rVB	12797	21448	1.78%	0.218%
18	10.055	1465	1471	1478	rBV	737468	992249	82.50%	10.080%
19	10.305	1505	1512	1518	rVB	18250	32300	2.69%	0.328%
20	10.963	1615	1620	1625	rBV	36867	46442	3.86%	0.472%
21	11.085	1634	1640	1651	rBV	554147	711326	59.15%	7.226%
22	11.305	1672	1676	1684	rVB	21884	30520	2.54%	0.310%
23	11.451	1696	1700	1707	rVB	14712	21879	1.82%	0.222%
24	11.616	1719	1727	1736	rBV	28377	40726	3.39%	0.414%
25	11.866	1763	1768	1770	rBV	16250	21614	1.80%	0.220%
26	11.890	1770	1772	1779	rVB	19195	23568	1.96%	0.239%
27	12.024	1788	1794	1798	rBV	686541	842386	70.04%	8.557%
28	12.061	1798	1800	1807	rVB	38432	42858	3.56%	0.435%
29	12.177	1816	1819	1823	rBV	22607	27084	2.25%	0.275%
30	12.244	1823	1830	1838	rVV2	508703	632523	52.59%	6.426%
31	12.317	1838	1842	1849	rVB	54274	71698	5.96%	0.728%
32	12.408	1852	1857	1862	rBV	49810	63028	5.24%	0.640%
33	12.475	1862	1868	1874	rVB2	75742	105256	8.75%	1.069%
34	12.615	1885	1891	1894	rBV	85896	108023	8.98%	1.097%
35	12.646	1894	1896	1900	rVV	31513	35999	2.99%	0.366%
36	12.701	1900	1905	1912	rVV	330255	411927	34.25%	4.185%

LSC Area Percent Report

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Operator : JC/MD
Sample : N3354-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-58

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_X\Method\82X061822W.M
Title : SW846 8260

37	12.841	1919	1928	1934	rVB	30489	42767	3.56%	0.434%
38	12.920	1934	1941	1946	rBV	178739	240352	19.98%	2.442%
39	13.030	1954	1959	1965	rVB3	17014	26138	2.17%	0.266%
40	13.140	1972	1977	1979	rBV	29840	37129	3.09%	0.377%
41	13.170	1979	1982	1985	rBV	44328	46711	3.88%	0.475%
42	13.292	1998	2002	2007	rVV2	160804	212831	17.70%	2.162%
43	13.347	2007	2011	2018	rVV3	19830	36189	3.01%	0.368%
44	13.426	2018	2024	2030	rVB4	14701	23001	1.91%	0.234%
45	13.548	2040	2044	2047	rVV	38092	55284	4.60%	0.562%
46	13.579	2047	2049	2053	rVV2	30750	40307	3.35%	0.409%
47	13.621	2053	2056	2057	rVV	16494	20776	1.73%	0.211%
48	13.664	2061	2063	2073	rVB2	24592	39531	3.29%	0.402%
49	13.798	2080	2085	2089	rVV5	8450	13774	1.15%	0.140%
50	13.853	2089	2094	2099	rVV	54742	66703	5.55%	0.678%
51	13.926	2099	2106	2110	rVV	68799	95097	7.91%	0.966%
52	13.969	2110	2113	2119	rVB2	13215	17113	1.42%	0.174%
53	14.073	2125	2130	2132	rBV3	10009	13314	1.11%	0.135%
54	14.103	2132	2135	2141	rVB2	16034	21593	1.80%	0.219%
55	14.213	2149	2153	2163	rVB2	13902	27078	2.25%	0.275%
56	14.322	2164	2171	2175	rBV	27809	38882	3.23%	0.395%
57	14.377	2175	2180	2184	rVB3	17747	28085	2.34%	0.285%
58	14.481	2192	2197	2202	rBV2	21976	32152	2.67%	0.327%
59	14.597	2210	2216	2221	rBV3	19004	36849	3.06%	0.374%
60	14.670	2225	2228	2235	rVB4	12734	17577	1.46%	0.179%
61	14.780	2241	2246	2254	rBV2	76372	115131	9.57%	1.170%
62	15.182	2307	2312	2319	rVB3	13131	21304	1.77%	0.216%
63	15.408	2346	2349	2354	rVB2	8825	12129	1.01%	0.123%
64	15.615	2374	2383	2386	rBV6	6464	13155	1.09%	0.134%
65	15.810	2409	2415	2418	rBV2	15015	24514	2.04%	0.249%
66	15.987	2438	2444	2449	rBV	22497	38111	3.17%	0.387%
67	16.328	2493	2500	2507	rBV4	8188	15453	1.28%	0.157%

Sum of corrected areas: 9843843

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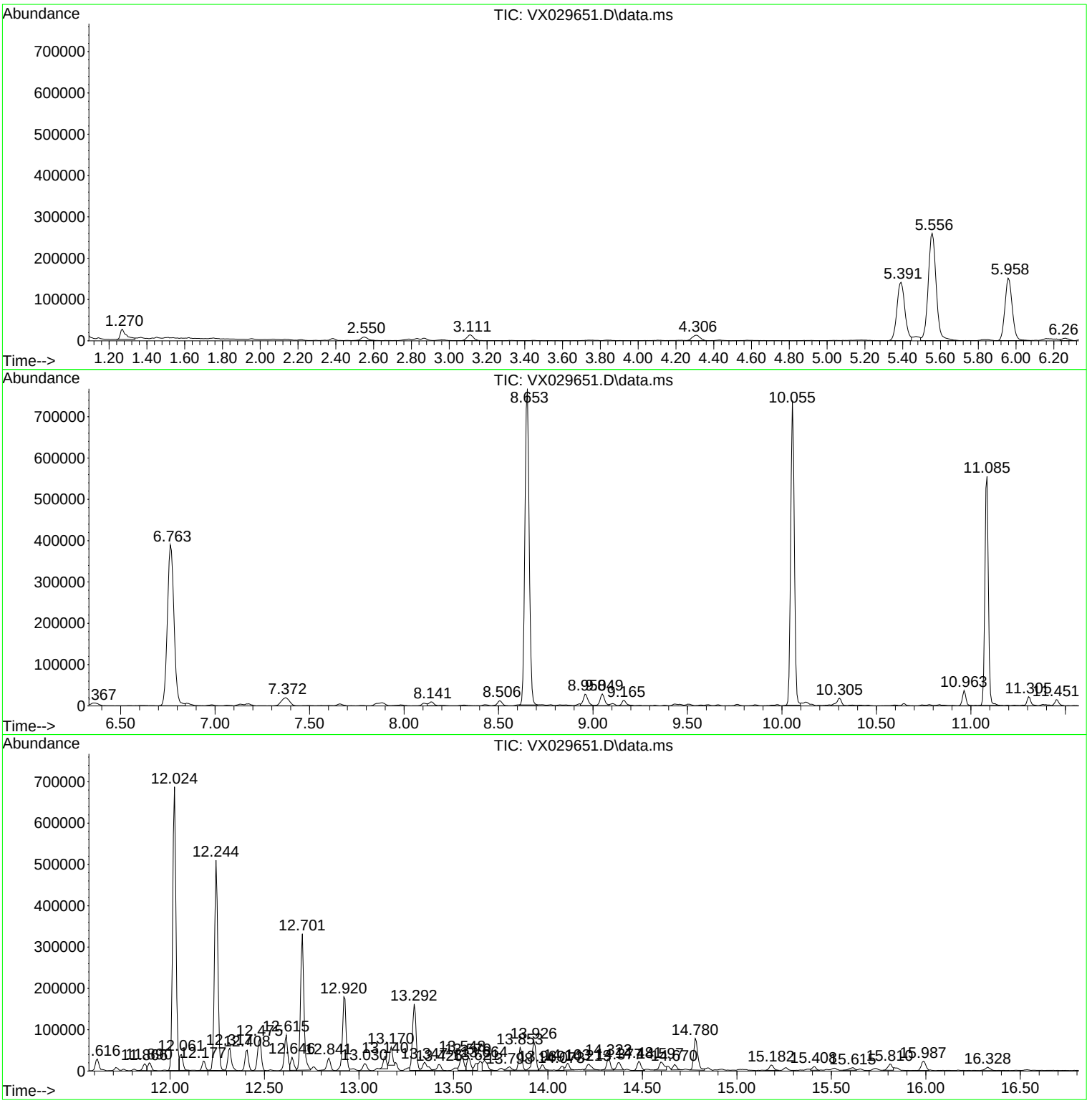
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-58

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029651.D
Acq On : 21 Jun 2022 09:14
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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ClientSampleId :
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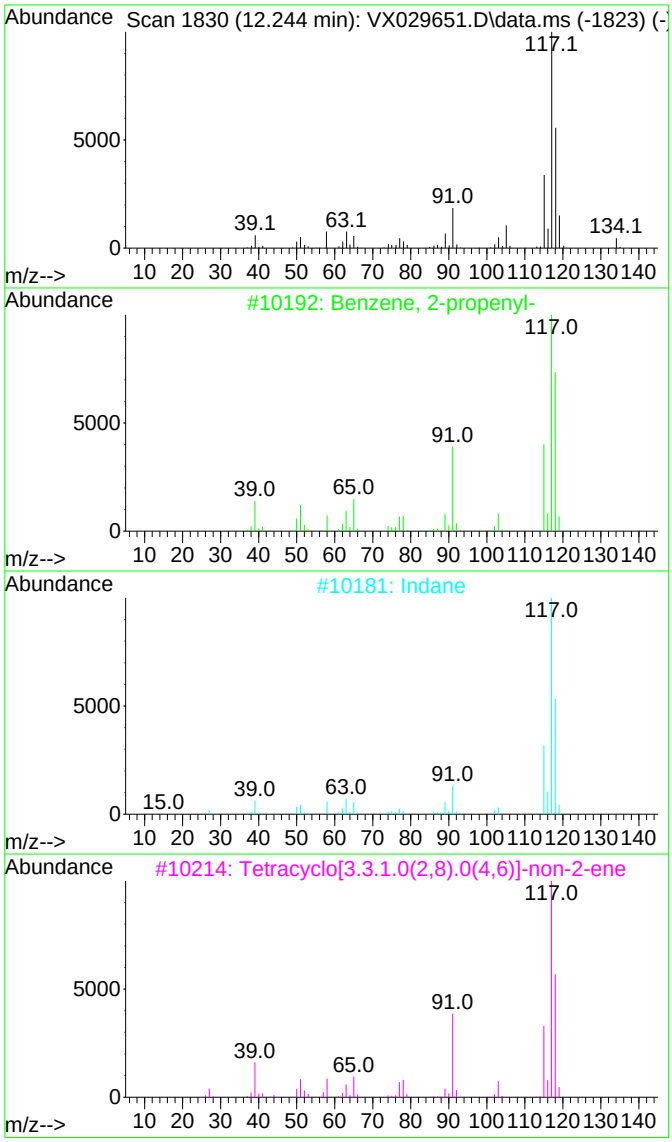
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

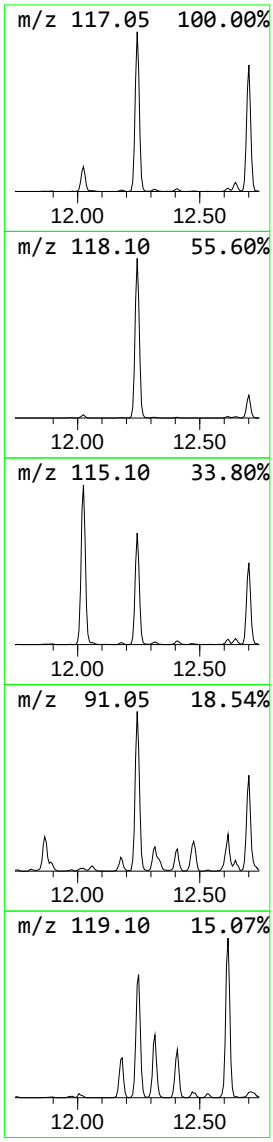
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 2-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	37.54 ug/l	632523	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
2	Indane	118	C9H10	000496-11-7	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	68
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
5	Deltacyclene	118	C9H10	007785-10-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029651.D
Acq On : 21 Jun 2022 09:14
Operator : JC/MD
Sample : N3354-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-58

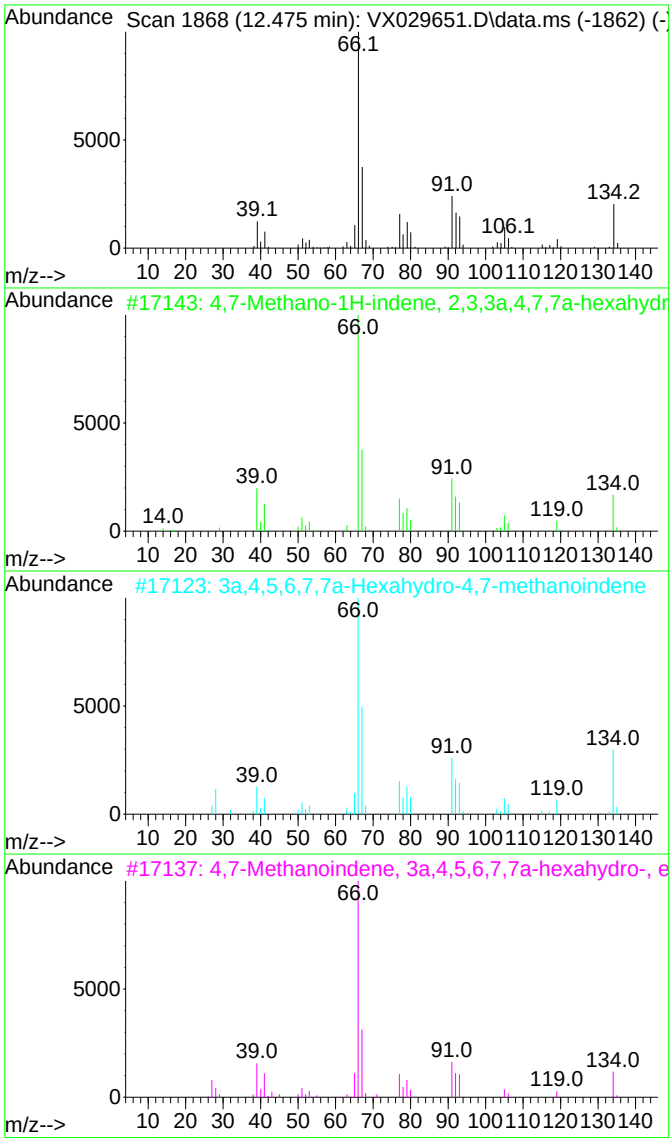
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

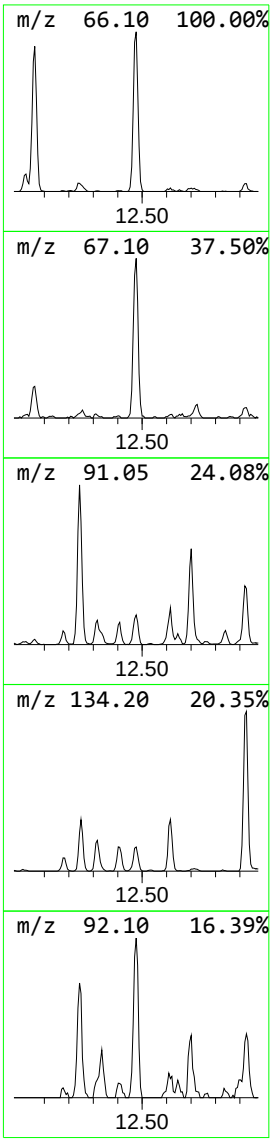
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3a,4,5,6,7,7a-Hexahydro-4,7... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	6.25 ug/l	105256	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, 2,3,3a,4,...	134	C10H14	002826-19-9	96
2	3a,4,5,6,7,7a-Hexahydro-4,7-meth...	134	C10H14	004488-57-7	95
3	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	94
4	5-Allyl-2-norbornene	134	C10H14	031663-53-3	94
5	Tricyclo[4.2.1.0<2,5>]non-3-ene	120	C9H12	007078-40-2	72





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Instrument :
MSVOA_X
ClientSampleId :
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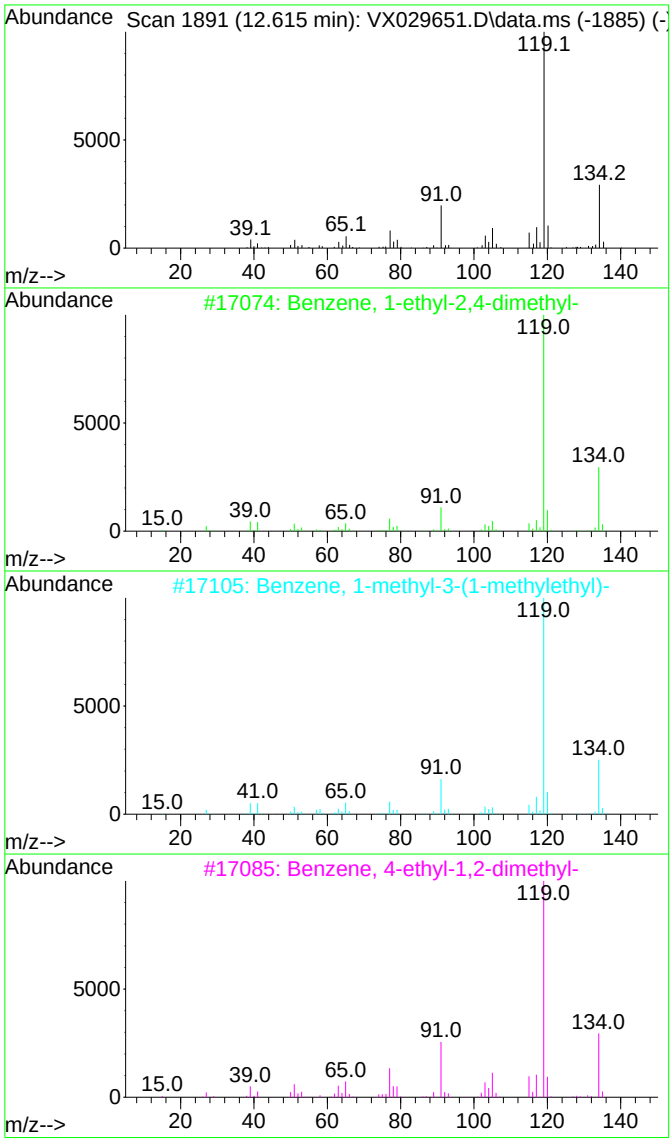
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

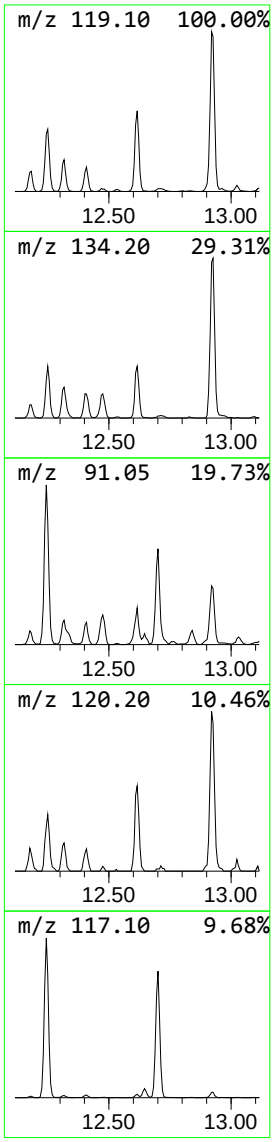
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	6.41 ug/l	108023	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029651.D
Acq On : 21 Jun 2022 09:14
Operator : JC/MD
Sample : N3354-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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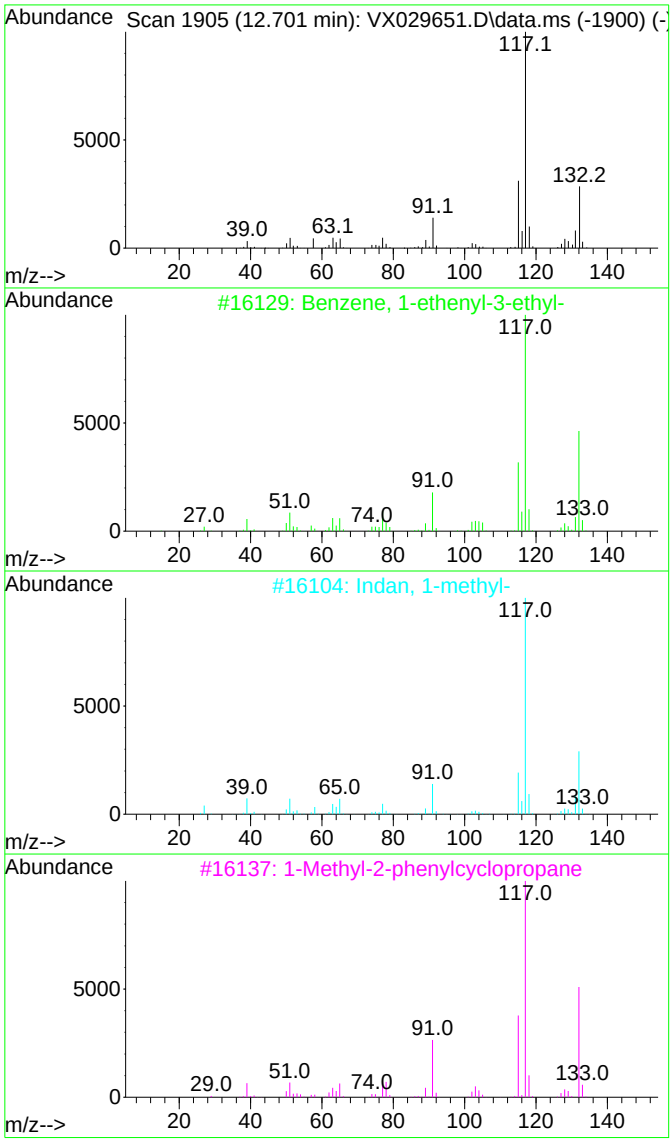
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

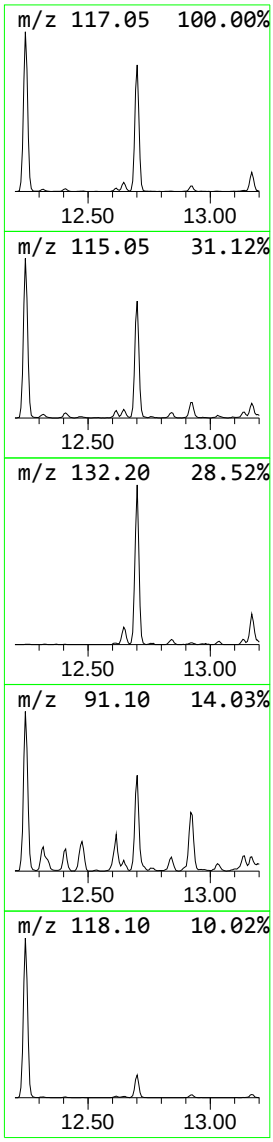
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	24.45 ug/l	411927	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87





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Instrument :
MSVOA_X
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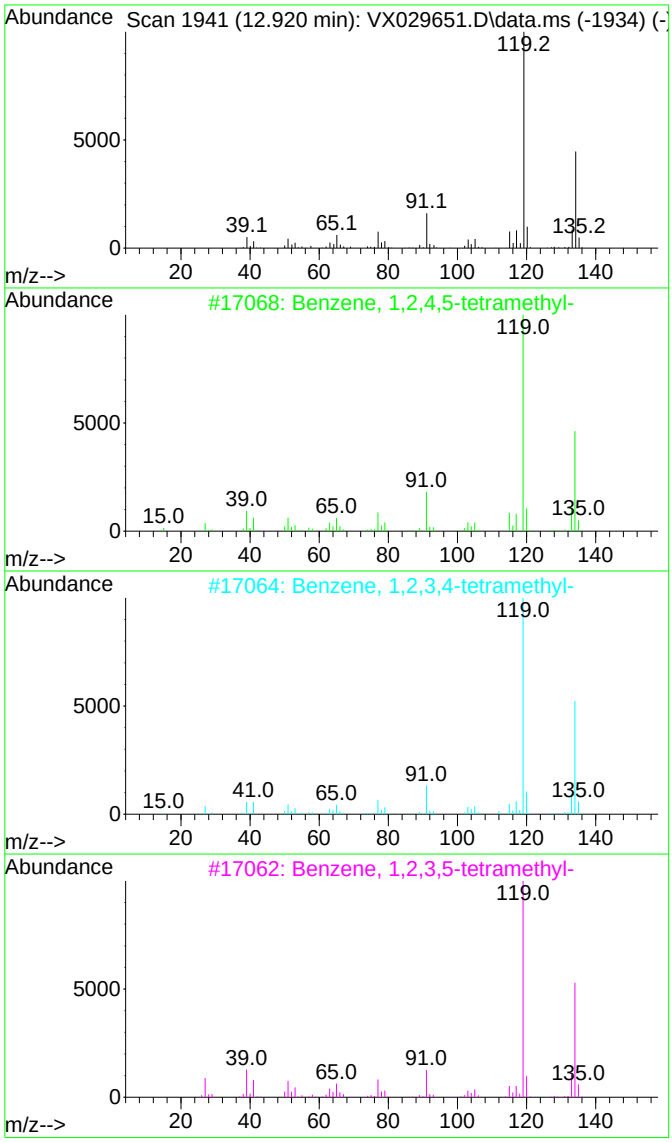
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

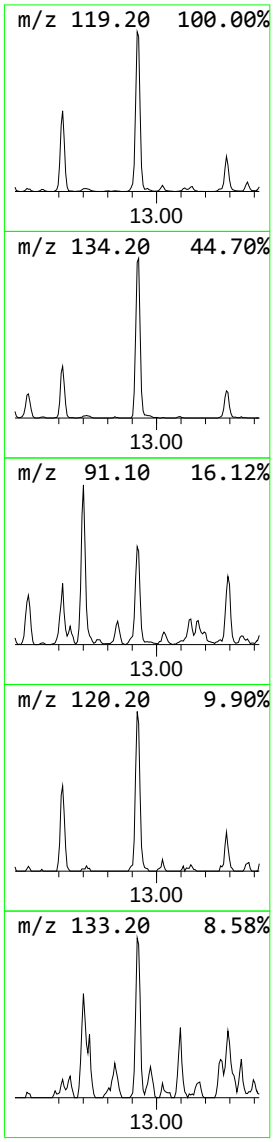
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	14.27 ug/l	240352	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Instrument :
MSVOA_X
ClientSampleId :
MW-58

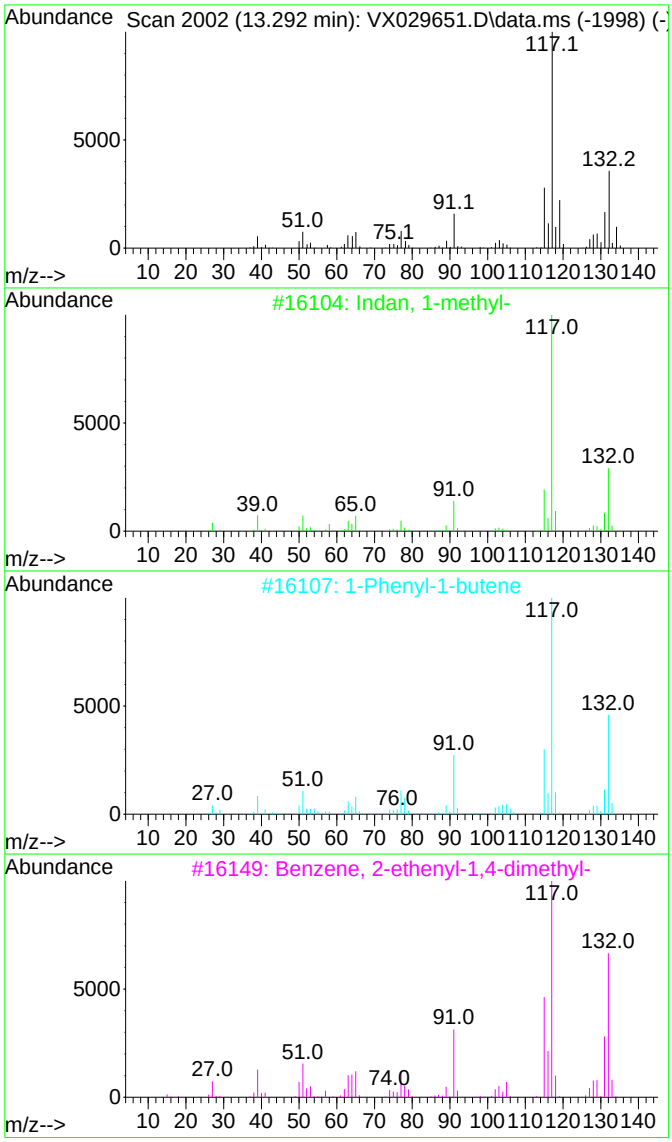
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

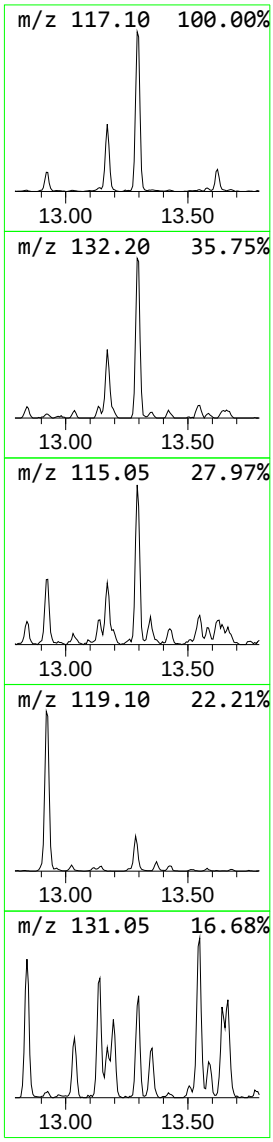
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Indan, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	12.63 ug/l	212831	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	81
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	78
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029651.D
Acq On : 21 Jun 2022 09:14
Operator : JC/MD
Sample : N3354-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-58

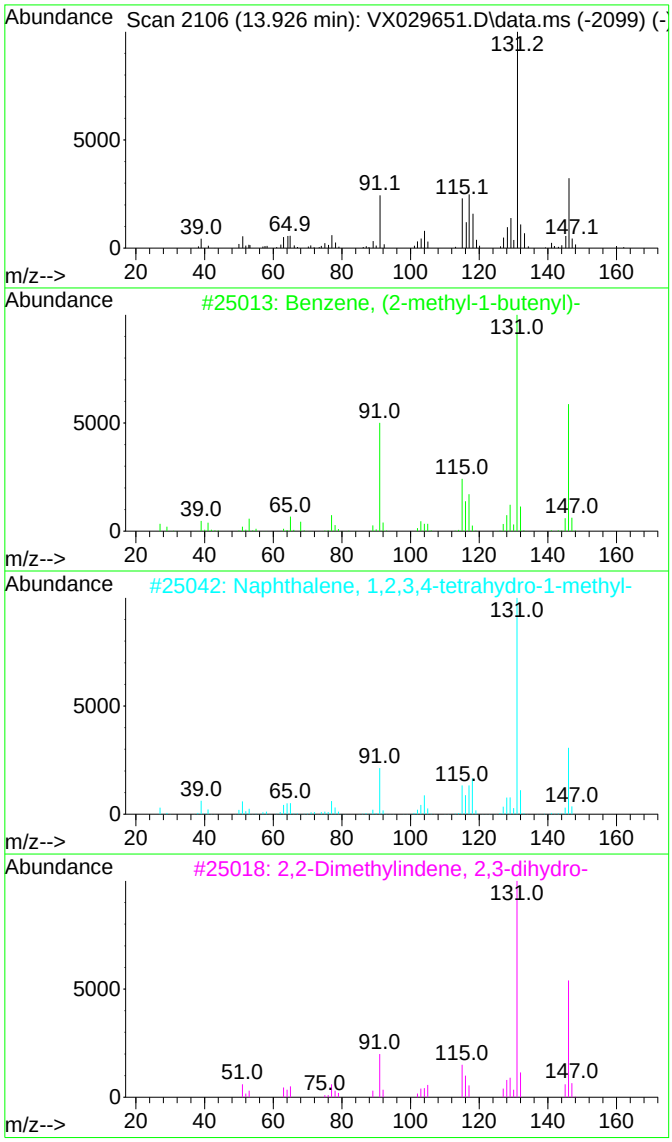
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

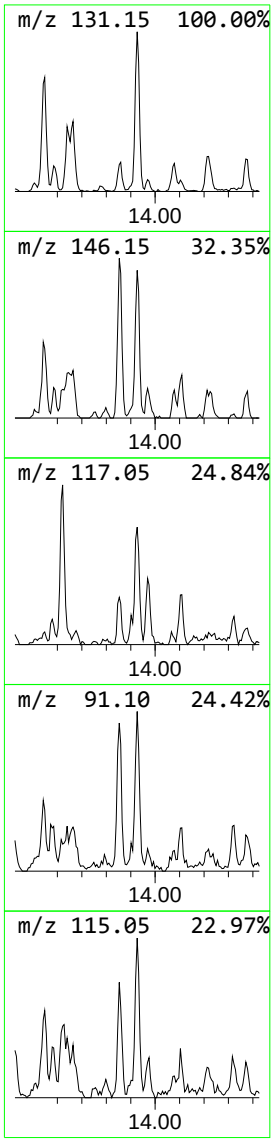
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.926	5.64 ug/l	95097	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029651.D
Acq On : 21 Jun 2022 09:14
Operator : JC/MD
Sample : N3354-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-58

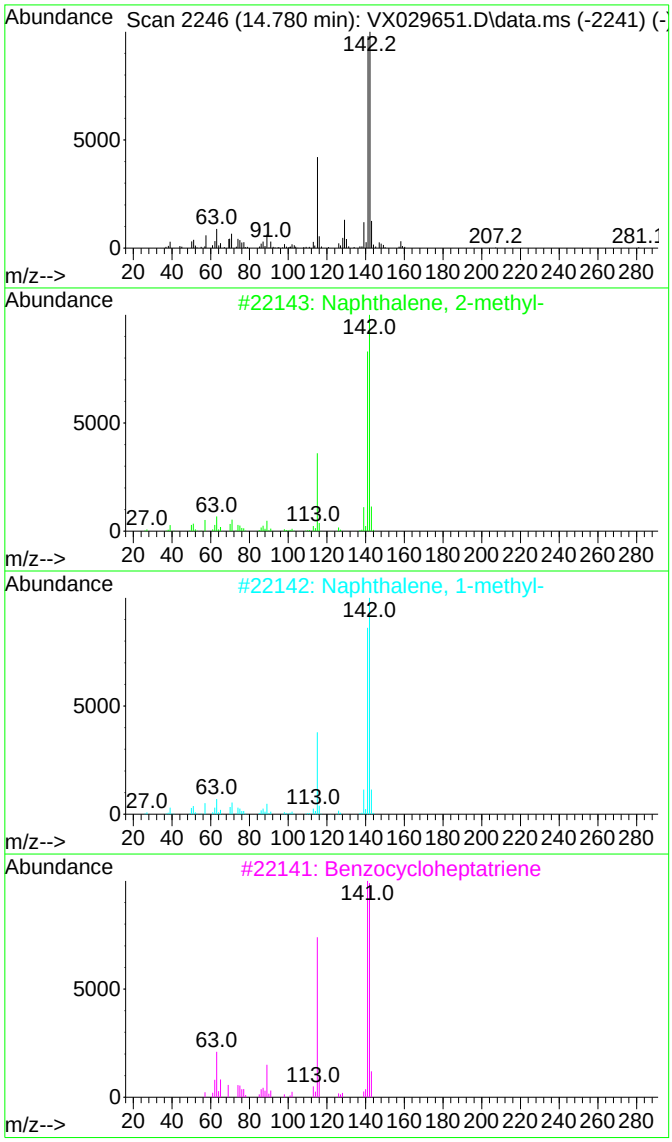
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

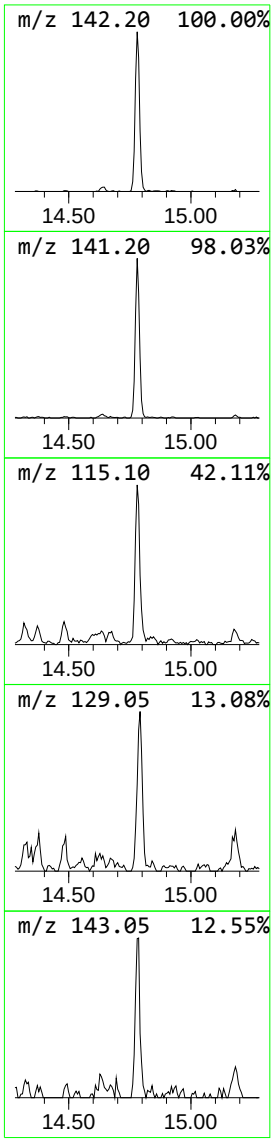
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzocycloheptatriene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	6.83 ug/l	115131	1,4-Dichlorobenzene-d4	12.024

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	87
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5	2-Naphthaleneethanol	172	C12H12O	001485-07-0	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029651.D
Acq On : 21 Jun 2022 09:14
Operator : JC/MD
Sample : N3354-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-58

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.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, 2-prop...	12.244	37.5	ug/l	632523	4	12.024	842386	50.0
3a,4,5,6,7,7a-H...	12.475	6.3	ug/l	105256	4	12.024	842386	50.0
Benzene, 1-ethy...	12.616	6.4	ug/l	108023	4	12.024	842386	50.0
Benzene, 1-ethe...	12.701	24.4	ug/l	411927	4	12.024	842386	50.0
Benzene, 1,2,4,...	12.920	14.3	ug/l	240352	4	12.024	842386	50.0
Indan, 1-methyl-	13.292	12.6	ug/l	212831	4	12.024	842386	50.0
Benzene, (2-met...	13.926	5.6	ug/l	95097	4	12.024	842386	50.0
Benzocyclohepta...	14.780	6.8	ug/l	115131	4	12.024	842386	50.0