LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
Data File : VN069967.D
Acq On : 10 Dec 2021 18:57
Operator : JC/MD
Sample : M4969-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

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_N\methods\82N120221W.M
Title : SW846 8260

Signal : TIC: VN069967.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	413	429	456	rVB	536939	1233647	1.49%	0.253%
2	5.079	1127	1152	1160	rBV3	325095	1013728	1.23%	0.208%
3	5.618	1318	1353	1383	rBV	692667	2403602	2.91%	0.493%
4	6.120	1518	1540	1569	rBV3	309641	940026	1.14%	0.193%
5	6.468	1648	1670	1697	rVB2	627235	1904406	2.30%	0.390%
6	6.608	1699	1722	1742	rBV4	323915	996903	1.21%	0.204%
7	6.903	1812	1832	1857	rBV4	320146	932742	1.13%	0.191%
8	7.150	1900	1924	1945	rBV	3072568	8981680	10.87%	1.841%
9	7.847	2170	2184	2204	rVB	445135	1093908	1.32%	0.224%
10	8.024	2229	2250	2259	rBV	883160	2173149	2.63%	0.446%
11	8.091	2260	2275	2294	rVV4	2883439	7742066	9.37%	1.587%
12	8.177	2296	2307	2332	rVB4	609260	1635384	1.98%	0.335%
13	8.297	2335	2352	2366	rBV	460854	1050618	1.27%	0.215%
14	8.461	2388	2413	2437	rBV2	9755720	24059763	29.12%	4.933%
15	8.587	2440	2460	2473	rBV5	1066276	3426902	4.15%	0.703%
16	8.708	2495	2505	2527	rVB2	466787	1107330	1.34%	0.227%
17	8.968	2581	2602	2629	rBV3	3444637	8347451	10.10%	1.711%
18	9.459	2752	2785	2801	rBV2	1716063	5222832	6.32%	1.071%
19	9.641	2841	2853	2869	rVB2	438335	856486	1.04%	0.176%
20	9.882	2934	2943	2961	rVB	471753	925645	1.12%	0.190%
21	9.974	2962	2977	2985	rBV	1332963	2513791	3.04%	0.515%
22	10.017	2987	2993	3010	rVB2	905519	1653647	2.00%	0.339%
23	10.322	3093	3107	3120	rBV	947767	1803254	2.18%	0.370%
24	10.440	3135	3151	3167	rBV	4396815	8316688	10.06%	1.705%
25	10.859	3294	3307	3328	rVB4	510402	1202562	1.46%	0.247%
26	11.744	3620	3637	3663	rBV	4826525	8994985	10.89%	1.844%
27	11.843	3664	3674	3696	rVB2	700360	1402627	1.70%	0.288%
28	11.948	3698	3713	3729	rBV	676002	1227808	1.49%	0.252%
29	12.578	3933	3948	3969	rVB	7319815	12071525	14.61%	2.475%
30	12.731	3989	4005	4030	rBV	4055774	7108972	8.60%	1.457%
31	12.921	4060	4076	4099	rBV	19072226	31709123	38.37%	6.501%
32	13.061	4114	4128	4148	rVB	12190761	20177697	24.42%	4.137%
33	13.222	4173	4188	4207	rBV	1618416	2740733	3.32%	0.562%
34	13.366	4230	4242	4256	rVB	732168	1249990	1.51%	0.256%
35	13.498	4273	4291	4305	rVB3	1163135	2606163	3.15%	0.534%
36	13.675	4343	4357	4382	rBV2	4703103	8910628	10.78%	1.827%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
Data File : VN069967.D
Acq On : 10 Dec 2021 18:57
Operator : JC/MD
Sample : M4969-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

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_N\methods\82N120221W.M
Title : SW846 8260

37	13.838	4403	4418	4423	rBV	12645628	19328565	23.39%	3.963%
38	13.879	4423	4433	4467	rVB3	40572571	82633464	100.00%	16.941%
39	14.002	4467	4479	4493	rVB	2422082	3931332	4.76%	0.806%
40	14.131	4516	4527	4544	rBV2	403428	865379	1.05%	0.177%
41	14.217	4544	4559	4572	rBV2	26183106	41103018	49.74%	8.427%
42	14.278	4572	4582	4589	rVV	2702041	4304979	5.21%	0.883%
43	14.327	4590	4600	4620	rVB3	11102249	18684997	22.61%	3.831%
44	14.541	4662	4680	4688	rBV	12085895	19952629	24.15%	4.091%
45	14.579	4689	4694	4704	rVV	4504140	6356641	7.69%	1.303%
46	14.622	4705	4710	4719	rVB	739264	924793	1.12%	0.190%
47	14.809	4767	4780	4792	rBV	8716275	13957955	16.89%	2.862%
48	14.930	4806	4825	4840	rBV3	18481963	38653760	46.78%	7.925%
49	15.086	4869	4883	4900	rBV	3080583	5387469	6.52%	1.105%
50	15.195	4902	4924	4934	rBV5	1932138	4439423	5.37%	0.910%
51	15.311	4952	4967	4988	rVB4	1790135	4249991	5.14%	0.871%
52	15.504	5010	5039	5057	rBV	12521868	24289757	29.39%	4.980%
53	15.614	5070	5080	5090	rBV3	438138	853026	1.03%	0.175%
54	15.670	5093	5101	5131	rVB2	528159	1073071	1.30%	0.220%
55	15.804	5136	5151	5172	rBV2	829138	1617244	1.96%	0.332%
56	15.984	5202	5218	5251	rVB3	547964	1729812	2.09%	0.355%
57	16.190	5280	5295	5326	rVB4	370378	989407	1.20%	0.203%
58	16.617	5438	5454	5483	rVB	1184779	2699668	3.27%	0.553%

Sum of corrected areas: 487764841

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Operator : JC/MD
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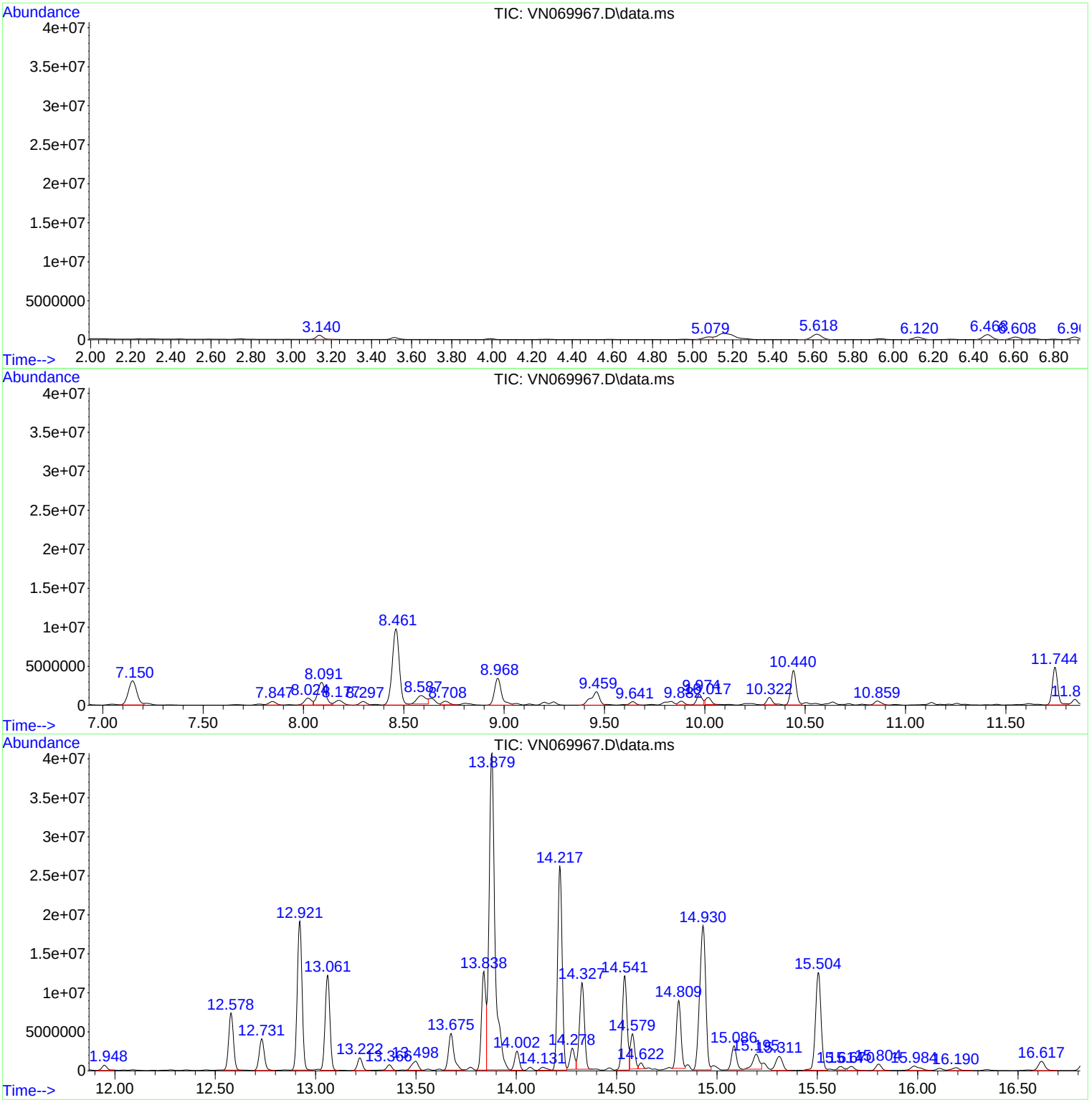
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
Data File : VN069967.D
Acq On : 10 Dec 2021 18:57
Operator : JC/MD
Sample : M4969-01
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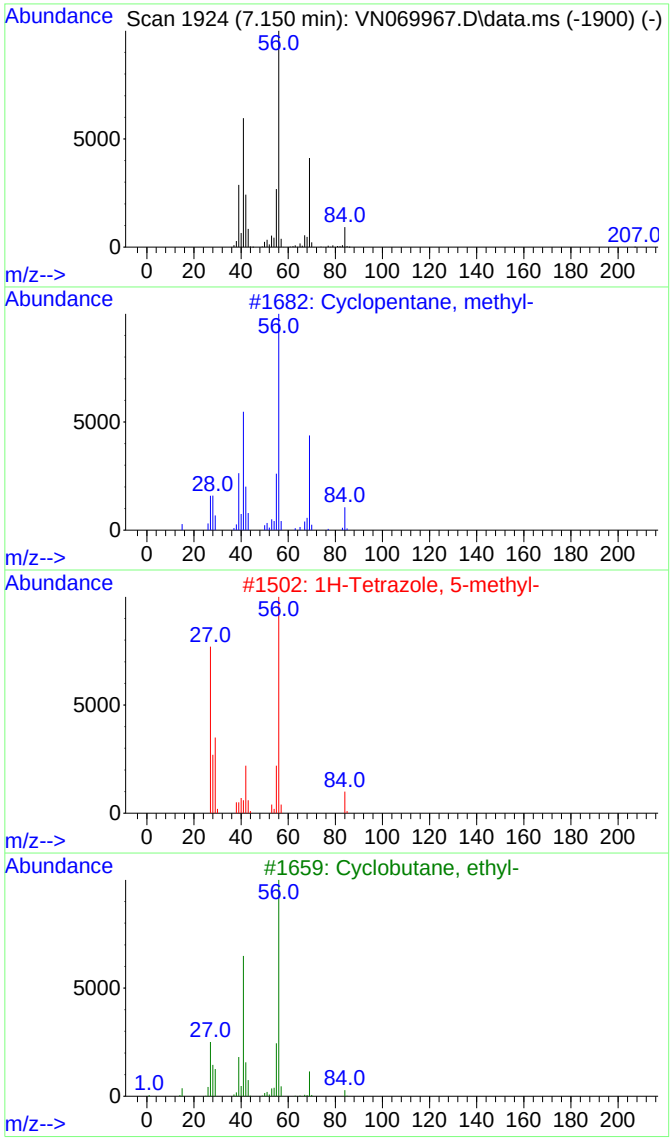
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

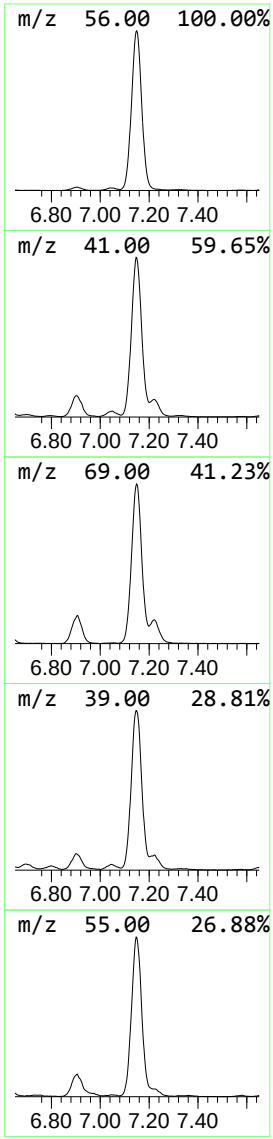
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopentane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.150	58.01 ug/l	8981680	Pentafluorobenzene	8.088

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4	Cyclobutane	56	C4H8	000287-23-0	53
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
Data File : VN069967.D
Acq On : 10 Dec 2021 18:57
Operator : JC/MD
Sample : M4969-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

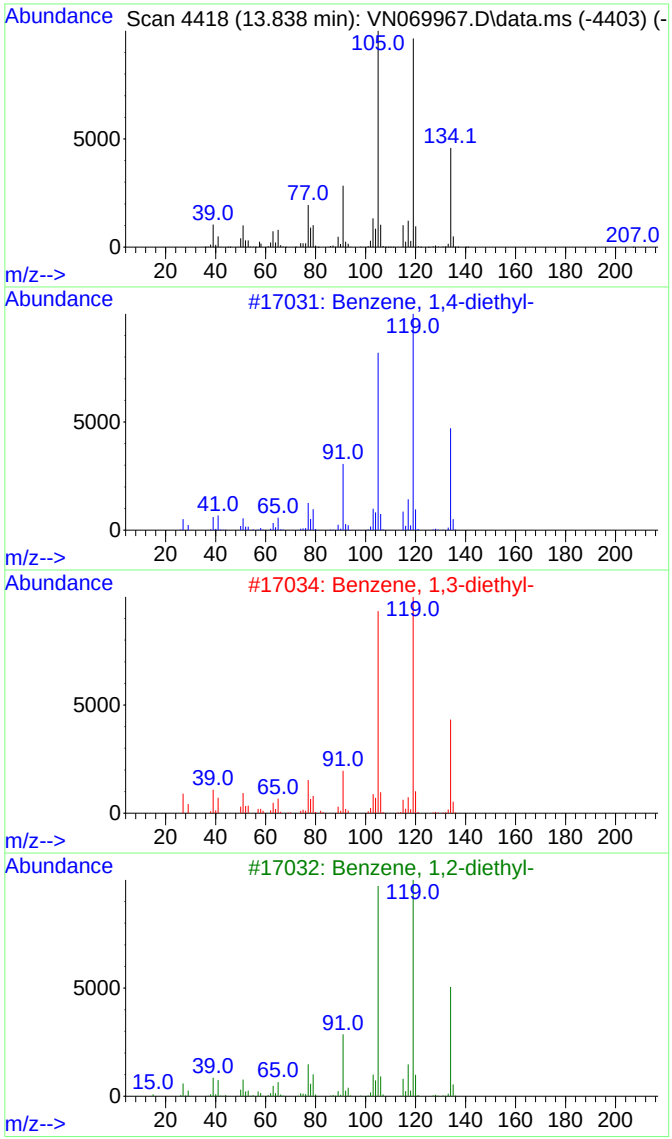
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

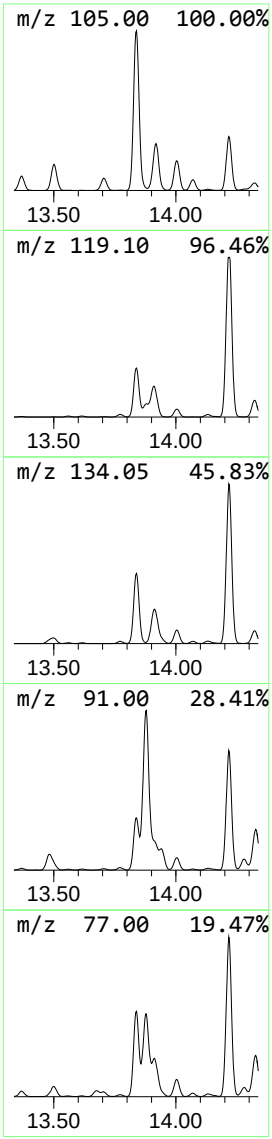
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.838	108.46 ug/l	19328600	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
Data File : VN069967.D
Acq On : 10 Dec 2021 18:57
Operator : JC/MD
Sample : M4969-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

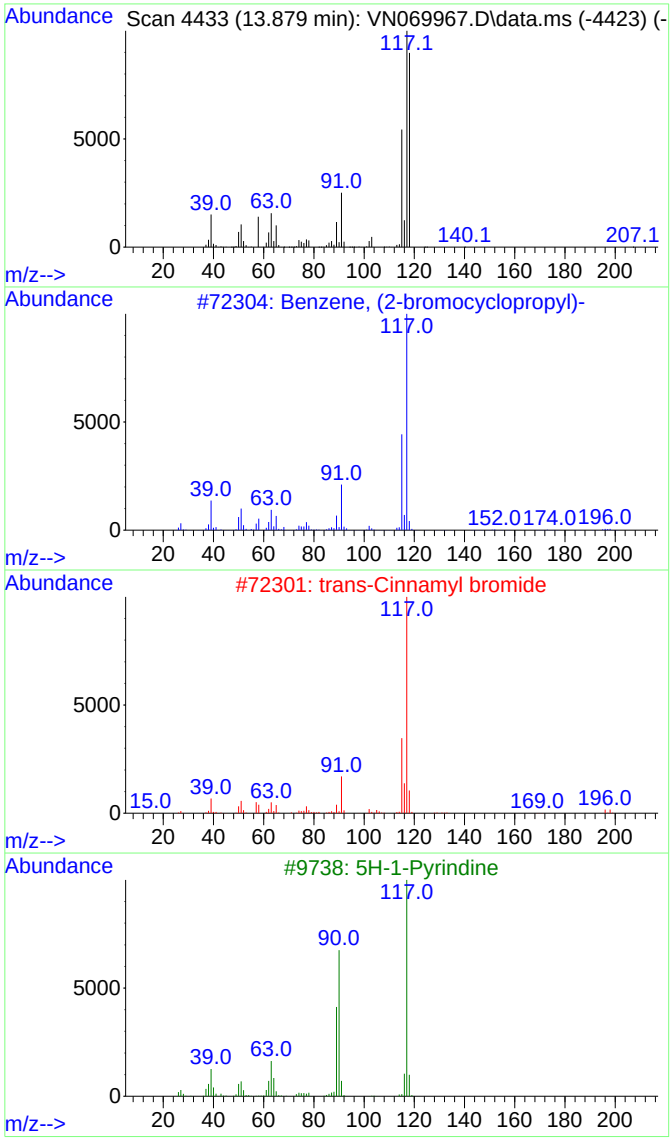
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

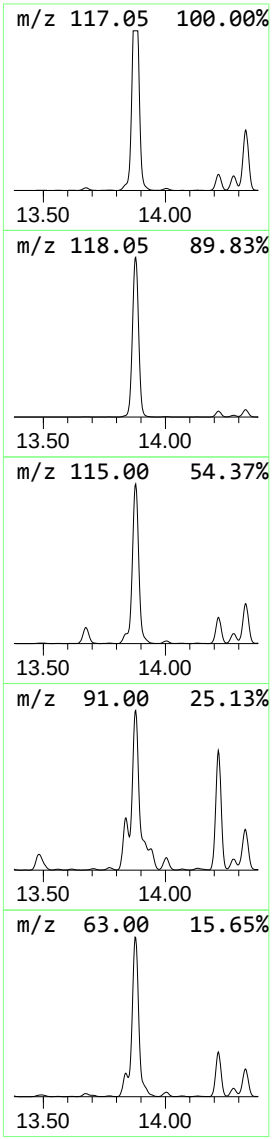
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (2-bromocyclopropyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.879	463.68 ug/l	82633500	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	52
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	43
3	5H-1-Pyridine	117	C8H7N	000270-91-7	38
4	Indole	117	C8H7N	000120-72-9	35
5	Benzocyclobutene, 1-bromo-1-methyl-	196	C9H9Br	1000161-76-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
Data File : VN069967.D
Acq On : 10 Dec 2021 18:57
Operator : JC/MD
Sample : M4969-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

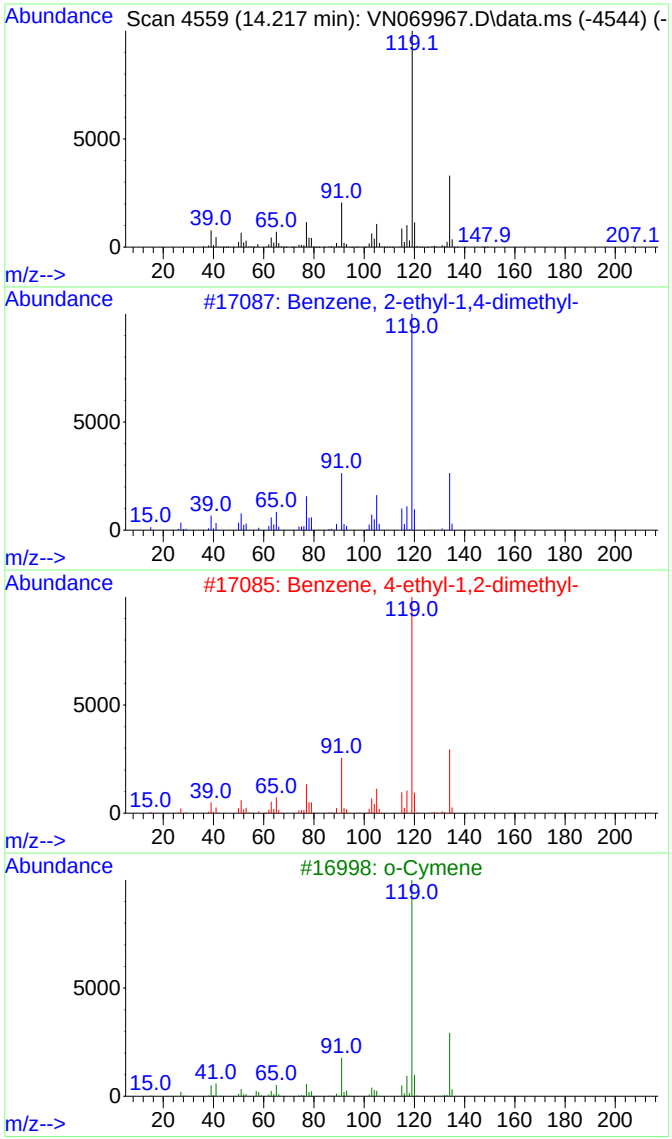
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

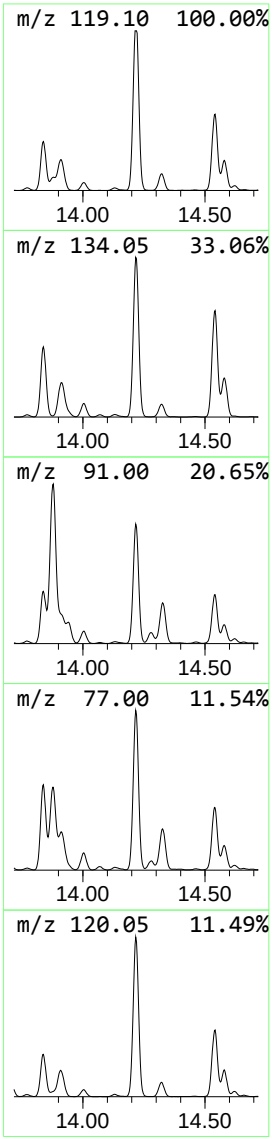
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.217	230.64 ug/l	41103000	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Acq On : 10 Dec 2021 18:57
Operator : JC/MD
Sample : M4969-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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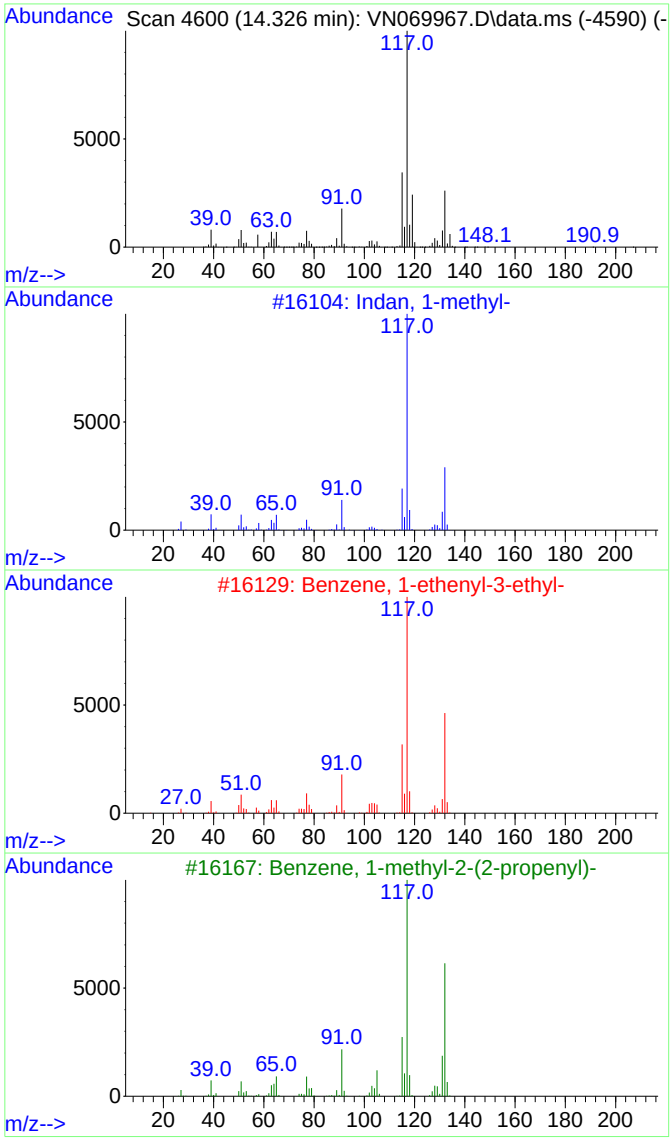
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

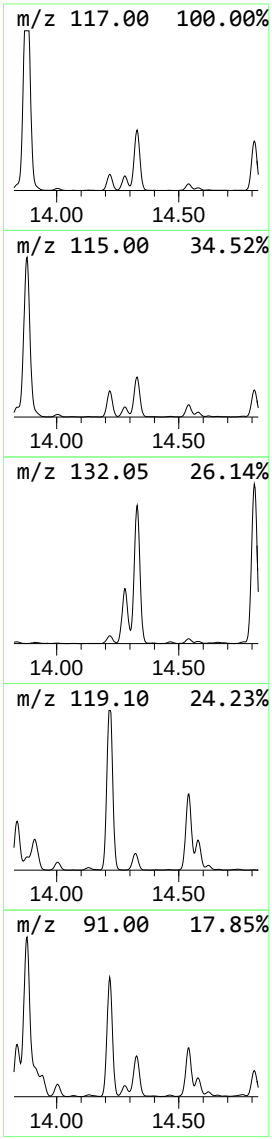
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.326	104.85 ug/l	18685000	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	76
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	68
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

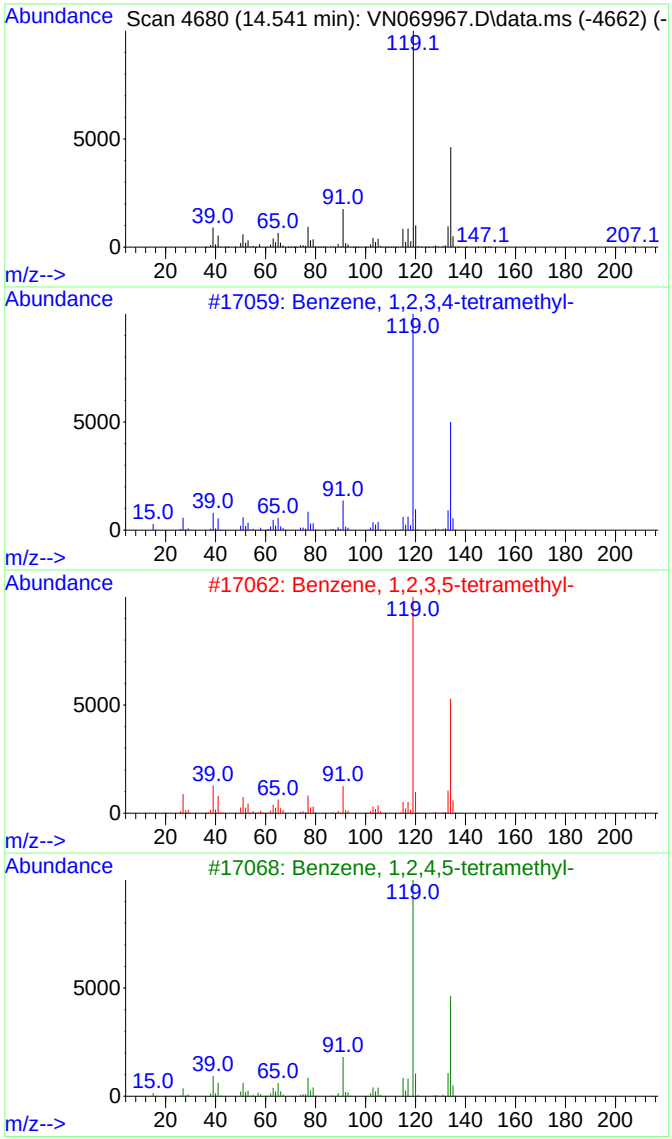
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

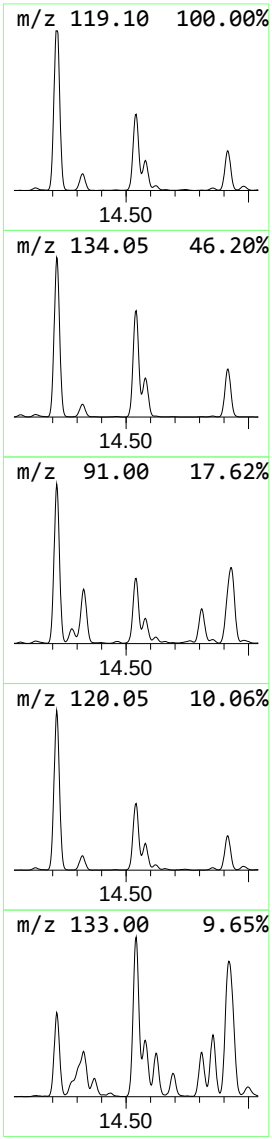
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.541	111.96 ug/l	19952600	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
Data File : VN069967.D
Acq On : 10 Dec 2021 18:57
Operator : JC/MD
Sample : M4969-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

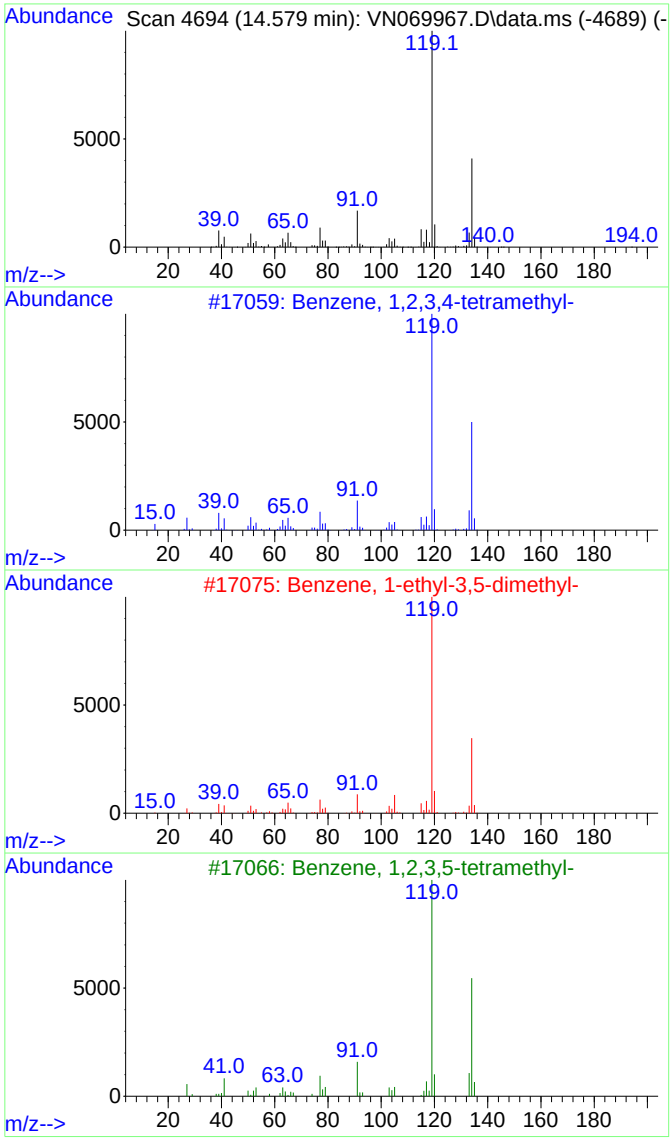
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

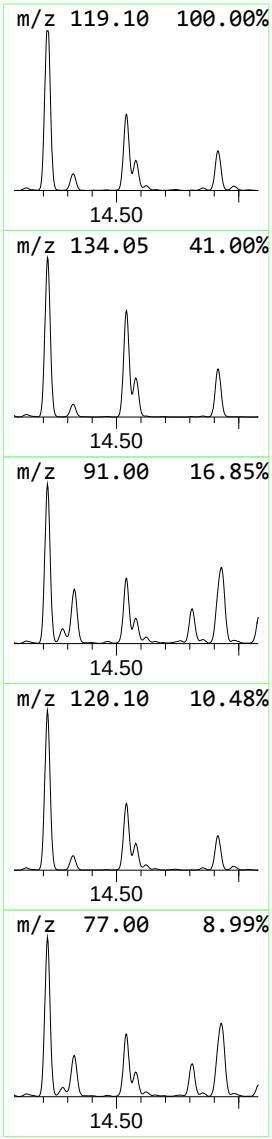
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.579	35.67 ug/l	6356640	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
Data File : VN069967.D
Acq On : 10 Dec 2021 18:57
Operator : JC/MD
Sample : M4969-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

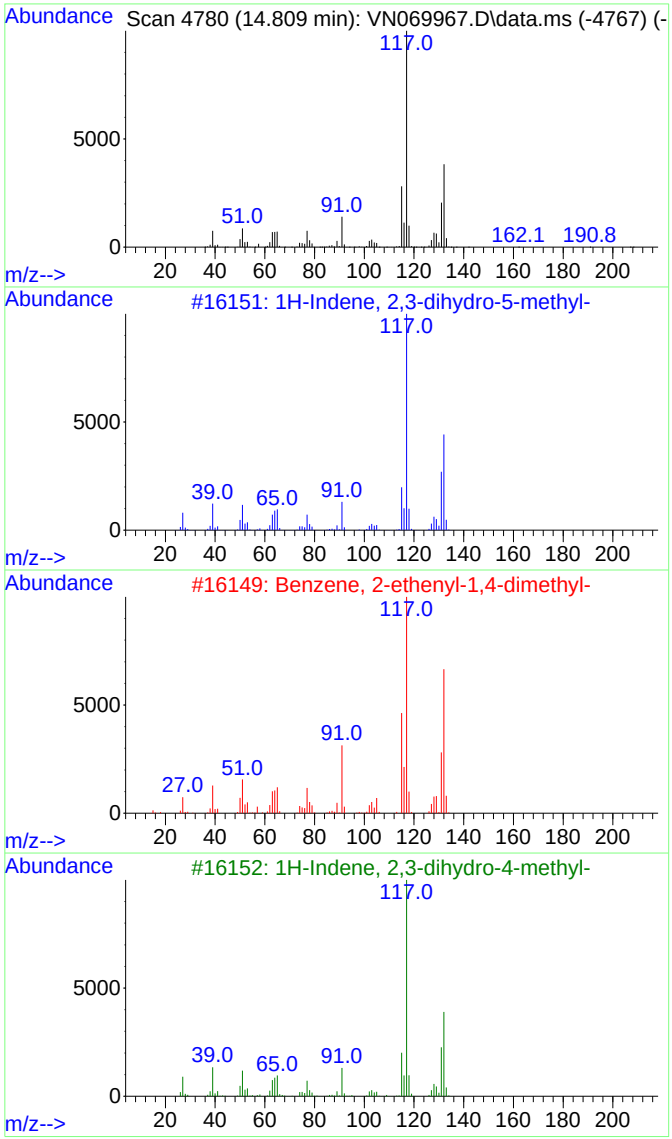
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

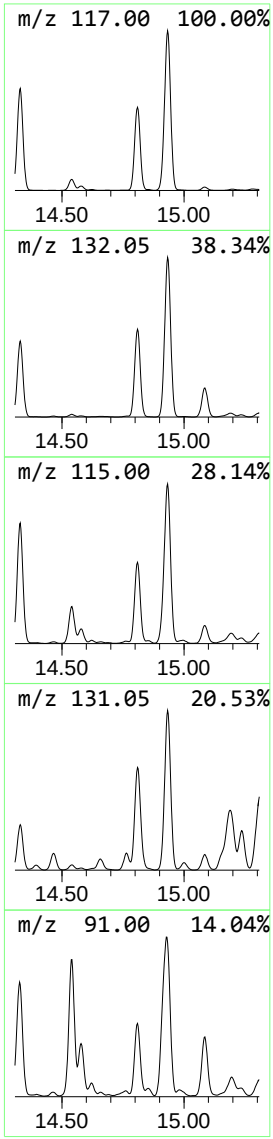
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.809	78.32 ug/l	13958000	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	96
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
Data File : VN069967.D
Acq On : 10 Dec 2021 18:57
Operator : JC/MD
Sample : M4969-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

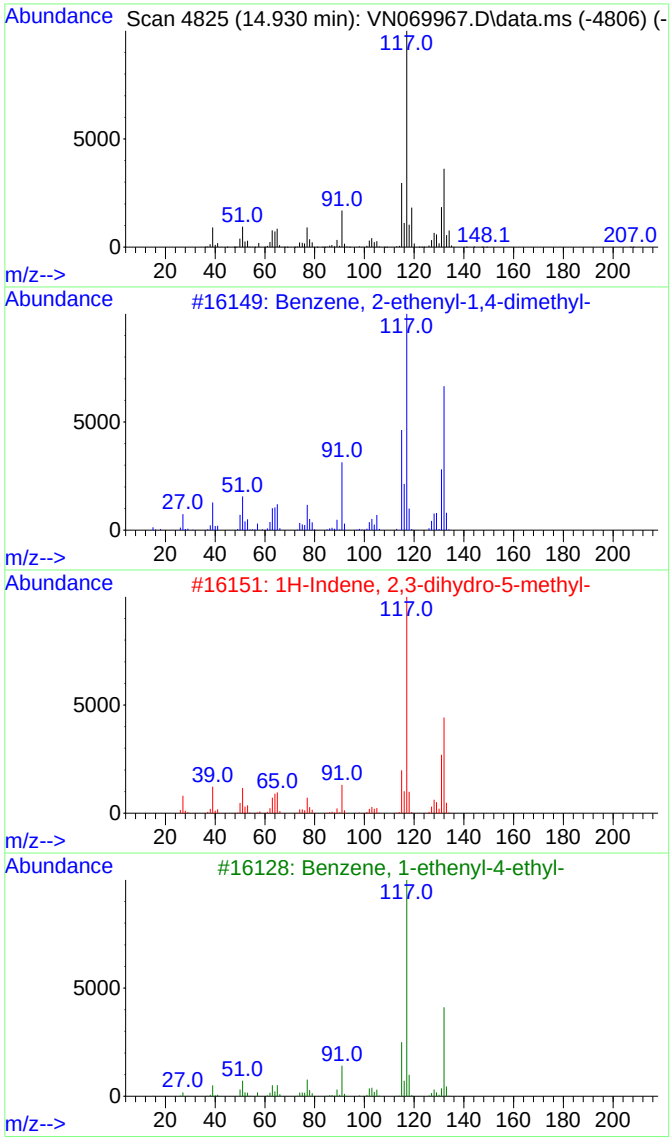
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

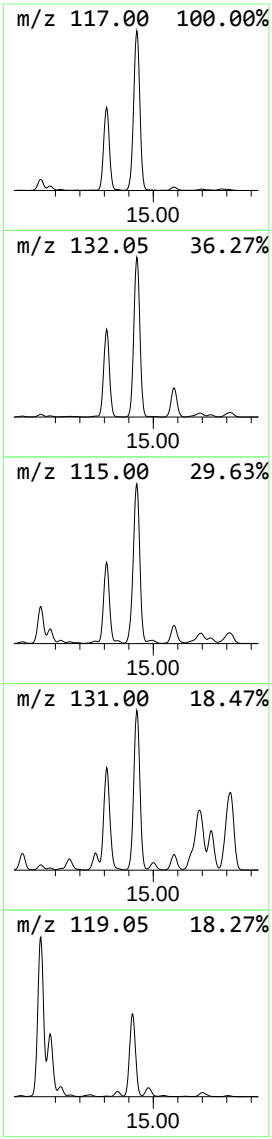
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.930	216.90 ug/l	38653800	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
Data File : VN069967.D
Acq On : 10 Dec 2021 18:57
Operator : JC/MD
Sample : M4969-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

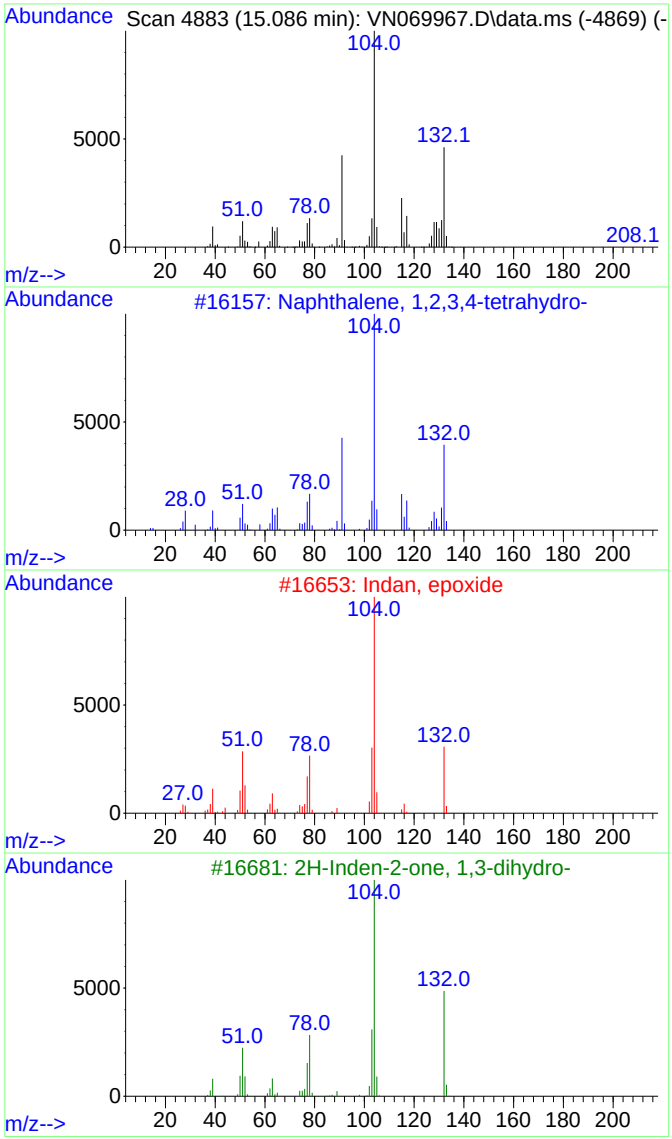
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

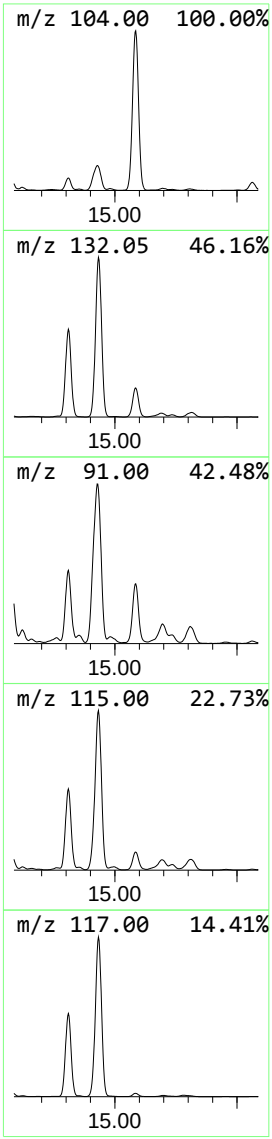
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	30.23 ug/l	5387470	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Indan, epoxide	132	C9H8O	000768-22-9	53
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
4	Benzene, cyclobutyl-	132	C10H12	004392-30-7	40
5	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
Data File : VN069967.D
Acq On : 10 Dec 2021 18:57
Operator : JC/MD
Sample : M4969-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.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
Cyclopentane, m...	7.150	58.0	ug/l	8981680	1	8.088	7742070	50.0
Benzene, 1,4-di...	13.838	108.5	ug/l	19328600	4	13.675	8910630	50.0
Benzene, (2-bro...	13.879	463.7	ug/l	82633500	4	13.675	8910630	50.0
Benzene, 2-ethy...	14.217	230.6	ug/l	41103000	4	13.675	8910630	50.0
Indan, 1-methyl-	14.326	104.8	ug/l	18685000	4	13.675	8910630	50.0
Benzene, 1,2,3,...	14.541	112.0	ug/l	19952600	4	13.675	8910630	50.0
Benzene, 1-ethy...	14.579	35.7	ug/l	6356640	4	13.675	8910630	50.0
1H-Indene, 2,3-...	14.809	78.3	ug/l	13958000	4	13.675	8910630	50.0
Benzene, 2-ethe...	14.930	216.9	ug/l	38653800	4	13.675	8910630	50.0
Naphthalene, 1,...	15.086	30.2	ug/l	5387470	4	13.675	8910630	50.0